1099-1135 WEBSTER AVE REDEVELOPMENT SITE

BRONX COUNTY

BRONX, NEW YORK

Remedial Action Work Plan

NYSDEC BCP Number: C203167

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CERTIFICATION STATEMENT

I, Gary Rozmus, P.E., certify that I am currently a NYS registered professional engineer and that this Remedial Action Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and Green Remediation (DER-31).

056744	June 2, 2025	
NYS Professional Engineer #	Date	Signature



Remedial Action Work Plan

TABLE OF CONTENTS

Contents

CERTIFICATION STATEMENT ii
Remedial Action Work Plan iii
TABLE OF CONTENTS iii
LIST OF ACRONYMS xi
Executive Summary i
Site Description/Physical Setting/Site History i
Summary of the Remedial Investigation ii
Field Investigation ii
Soil Sample Analytical Results ii
VOCs iii
SVOCs (including 1,4-Dioxane) iii
Pesticides/PCBs iv
Metals iv
PFAS v
Groundwater Sample Analytical Results v
VOCs v
SVOCs (including 1,4-Dioxane) vi
Pesticides vi
PCBs vi
PFAS vi
Soil Vapor and Indoor/Ambient Air Sample Analytical Results vi
Soil Vapor/Sub-Slab Points vii
Indoor Air viii
Ambient Air viii
Previous Environmental Investigations viii
July 2018 Phase II Environmental Site Assessment viii

Qualitative Human Health Exposure Assessment x
Overview x
Contaminant Fate and Transport xi
Potential Routes of Human Health Exposure xi
Overall Human Health Exposure Assessment xi
Fish and Wildlife Assessment (FWIA) xii
Summary of the Remedy xii
Remedial Action Work Plan 1
1.0 INTRODUCTION 1
1.1 Site Location and Description 1
1.2 Contemplated Redevelopment Plan 2
1.3 Description of Surrounding Property 2
2.0 DESCRIPTION OF REMEDIAL INVESTIGATION FINDINGS 4
2.1 Summary of the Remedial Investigation Performed 4
2.1.1 Borings and Wells 4
2.1.2 Groundwater Monitoring Well Installation and Sampling 5
2.1.3 Soil Vapor Monitoring Point Installations and Air Sampling 6
2.1.4 conclusions and recommendations 7
Soil Sample Analytical Results 7
VOCs 7
SVOCs (including 1,4-Dioxane) 8
Pesticides and PCBs 9
Metals 9
PFAS 10
Groundwater Sample Analytical Results 11
VOCs 11
SVOCs (including 1,4-Dioxane) 11
Pesticides 12
PCBs 12
Metals 12
PFAS 13
Soil Vapor and Indoor Air 13

Recommendations 14
2.1.5 Chemical Analytical Work Performed 15
2.1.6 Geophysical Survey and test pit 15
2.1.7 Survey 16
2.2 Significant Threat 16
2.3 Site History 16
2.3.1 Past Uses and Ownership 16
2.3.2 Phase I and Phase II Reports 17
January 2018 Phase I Environmental Site Assessment 17
July 2018 Phase II Environmental Site Assessment 17
2.3.3 Sanborn Maps 18
2.4 Geologic and Hydrogeologic Conditions 19
Site Soil/Stratigraphy 19
Aquifer Characteristics and Groundwater Flow Direction 19
2.5 Contamination Conditions 20
2.5.1 Conceptual Site Model 20
2.5.2 Description of Areas of Concern 20
2.5.3 Identification of Standards, Criteria and Guidance 20
2.5.4 Soil/Fill Contamination 21
2.5.5 On-Site and Off-Site Groundwater Contamination 22
2.5.6 On-Site and Off-Site Soil Vapor Contamination 23
2.6 Environmental and Public health Assessments 23
2.6.1 Qualitative Human Health Exposure Assessment 23
Overview 23
Contaminant Fate and Transport 23
Potential Routes of Human Health Exposure 24
Overall Human Health Exposure Assessment 24
2.7 Interim Remedial Action 25
2.8 Remedial Action Objectives 25
2.8.1 Soil 25
2.8.2 Groundwater 25
2.8.3 Soil Vapor 25

3.0 DESCRIPTION OF REMEDIAL ACTION PLAN....26
3.1 Evaluation of Remedial Alternatives....26
3.1.1 Alternative 1: Track 1 Unrestricted Use Cleanup....26
3.1.2 Alternative 2: conditional Track 1 Unrestricted Use Cleanup....27
3.1.3 Alternative 3: Track 2 Restricted residential Cleanup....29
3.2 Selection of the Preferred Remedy....31
3.2.1 Zoning....31
3.2.2 Applicable Comprehensive Community Master Plans or Land Use Plans....32
3.2.3 Surrounding Property Uses....32
3.2.4 Citizen Participation....32
3.2.5 Environmental Justice....32
3.2.6 Proximity to Natural Resources....32
3.2.7 Off-Site Groundwater Impacts....32
3.2.8 Proximity to Floodplains....32
3.2.9 Current Institutional Controls....32
3.3 Summary of Selected Remedial Actions....32
4.0 REMEDIAL ACTION PROGRAM....36
4.1 Governing Documents....36
4.1.1 Standards, Criteria and Guidance (SCGs)....36
4.1.2 Site Specific Health AND Safety Plan (HASP)....38
4.1.3 Quality Assurance Project Plan (QAPP)....38
4.1.4 Construction Quality Assurance Plan (CQAP)....38
4.1.5 Soil/Materials Management Plan (SoMP)....39
4.1.6 Storm-Water Pollution Prevention Plan (SWPPP) [OR Erosion and Sediment Control Plan (ESCP)]....39
4.1.7 Community Air Monitoring Plan (CAMP)....40
4.1.8 Contractors Site Operations Plan (SOP)....40
4.1.9 Citizen Participation Plan....40
4.2 General Remedial Construction Information....41
4.2.1 Project Organization....41
4.2.2 Remedial Engineer....41
4.2.3 Remedial Action Construction Schedule....41
4.2.4 Work Hours....42

4.2.5 Site Security 42
4.2.6 Traffic Control 42
4.2.7 Contingency Plan 42
4.2.8 Worker Training and Monitoring 43
4.2.9 Agency Approvals 44
4.2.10 NYSDEC BCP Signage 44
4.2.11 Pre-Construction Meeting with NYSDEC 44
4.2.12 Emergency Contact Information 44
4.2.13 Remedial Action Costs 45
4.3 Site Preparation 45
4.3.1 Mobilization 45
4.3.2 Monitoring Well / Vapor Probe Decommissioning 45
4.3.3 Erosion and Sedimentation Controls 46
4.3.4 Stabilized Construction Entrance(s) 46
4.3.5 Utility Marker and Easements Layout 46
4.3.6 SHEETING and Shoring 47
4.3.7 EQUIPMENT and Material Staging 47
4.3.8 DECONTAMINATION Area 47
4.3.9 SITE Fencing 47
4.3.10 DEMOBILIZATION 47
4.4 Reporting 48
4.4.1 Daily Reports 48
4.4.2 Monthly Reports 49
4.4.3 Other Reporting 49
4.4.4 Complaint Management Plan 50
4.4.5 Deviations from the Remedial Action Work Plan 50
5.0 REMEDIAL ACTION: MATERIAL REMOVAL FROM SITE 51
5.1 Soil Cleanup Objectives 51
5.2 Remedial Performance Evaluation (Post Excavation End-Point Sampling) 52
5.2.1 EndPoint Sampling Frequency 52
5.2.2 Methodology 52
5.2.3 Reporting of Results 52

5.2.4 QA/QC 53
5.2.5 DUSR and EDDs 53
5.2.6 Reporting of End-Point Data in FER 53
5.3 Estimated Material Removal Quantities 54
5.4 Soil/Materials Management Plan 54
5.4.1 Soil Screening Methods 54
5.4.2 Stockpile Methods 55
5.4.3 Materials Excavation and Load Out 55
5.4.4 Materials Transport Off-Site 56
5.4.5 Materials Disposal Off-Site 57
5.4.6 Materials Reuse On-Site 59
5.4.7 Fluids Management 59
5.4.8 Demarcation 59
5.4.9 Backfill from Off-Site Sources 60
5.4.10 Stormwater Pollution Prevention 61
5.4.11 Contingency Plan 61
Storm Preparedness 62
Storm Response 62
Storm Response Reporting 63
5.4.12 Community Air Monitoring Plan 63
5.4.13 Odor, Dust and Nuisance Control Plan 65
6.0 RESIDUAL CONTAMINATION TO REMAIN ON-SITE 67
7.0 ENGINEERING CONTROLS: MITIGATION SYSTEMS 68
7.1 Sub-Slab Depressurization System 68
7.2 Vapor Mitigation System 68
8. CRITERIA FOR COMPLETION OF REMEDIATION/TERMINATION OF REMEDIAL SYSTEMS 70
8.1 Sub-Slab Depressurization System 70
8.2 Vapor Mitigation System 70
9.0 INSTITUTIONAL CONTROLS 71
9.1 Environmental Easement 71
9.2 Site Management Plan 73
10.0 FINAL ENGINEERING REPORT 75

10.1 Certifications 76
11.0 SCHEDULE 77

LIST OF TABLES

1. Soil Cleanup Objectives
2. Soil Analytical Results
3. Groundwater Analytical Results
4. Soil Vapor Analytical Results
5. Estimated Costs for Remedial Alternative 1 – Track 1 UUSCOs
6. Estimated Costs for Remedial Alternative 2 – Conditional Track 1 UUSCOs
7. Estimated Costs for Remedial Alternative 3 – Track 2 RRSCOs

LIST OF FIGURES

1. USGS Topographic Map (Site Location)
2. Site Map
3. Proposed Redevelopment Footprint
4. Combined Sample Location Map
5. Soil Sample Exceedances
6. Groundwater Sample Exceedances
7. Soil Vapor and Indoor Air Exceedances
8. Groundwater Elevations and Contour Map
9. Proposed Excavation and Soil Sample Exceedances
10. Alpha-numeric Site Grid
11. Proposed End-Point Sample Locations
12. Proposed Truck Route Map

LIST OF APPENDICES

A. SSDS/VMS Plans

B. Development Plans

C. Soil Boring and Monitoring Well Construction Logs

D. Previous Environmental Reports

E. Citizen Participation Plan

F. SEFA Analysis

G. Climate Screening Checklist

H. Construction Quality Assurance Plan

I. Community Air Monitoring Plan

J. Resumes of Key Personnel

K. Construction Health and Safety Plan

L. Request to Import/Reuse Fill Material form

LIST OF ACRONYMS

Acronym	Definition
6NYCRR	Title 6 New York Codes, Rules and Regulations
ASP	Analytical Services Protocol
ASTs	Aboveground Storage Tanks
AWQS	Part 703.5 Class GA Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
C&D	Construction and Demolition Debris
CAMP	Community Air Monitoring Program
CFR	Code of Federal Regulations
CHASP	Construction Health and Safety Plan
CLP	Contract Laboratory Program
COCs	Contaminants of Concern
CPP	Citizen Participation Plan
CQAP	Construction Quality Assurance Plan
DER-10	Division of Environmental Remediation-10 Technical Guidance for Site Investigation and Remediation
DO	Dissolved Oxygen
DMM	Division of Materials Management
DUSR	Data Usability Summary Report
EC/IC	Engineering Control/Institutional Control
ECL	Environmental Conservation Law
EDD	Electronic Data Deliverable
EIMS	Environmental Information Management System
ELAP	Environmental Laboratory Accreditation Program
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FER	Final Engineering Report
GEI	GEI Consultants, Inc., P. C.
GHG	Greenhouse Gases
GPR	Ground Penetrating Radar
GPS	Global Positioning System
GQS	Groundwater Quality Standards
GTA	GTA Engineering Services of New York, P.C.
HAZWOPER	Hazardous Waste Operations and Emergency Response
HDPE	High-Density Polyethylene
Hillman	Hillman Consulting
IRM	Intermediate Remedial Measure
IRMWP	Interim Remedial Measure Work Plan
ISCO	In Situ Chemical Oxidation
ISCR	In Situ Chemical Reduction
LDPE	Low-Density Polyethylene

Acronym	Definition
MS/MSDs	Matrix Spikes and Matrix Spike Duplicates
MTA	Metropolitan Transportation Authority
NYCDEP	New York City Department of Environmental Protection
NYCDOB	New York City Department of Buildings
NYCDOT	New York City Department of Transportation
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORP	Oxidation Reduction Potential
OSHA	Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Per-fluorooctanoic Acid
PFOS	Per-fluorooctanesulfonic Acid
PGWSCOs	Protection of Groundwater Soil Cleanup Objectives
PID	Photoionization Detector
PPE	Personal Protective Equipment
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professional
QHHEA	Quantitative Human Health Exposure Assessment
RAO	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RCA	Recycled Concrete Aggregate
RECs	Recognized Environmental Conditions
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRUSCO	Restricted Residential Use Soil Cleanup Objectives
SCGs	Standards, Criteria and Guidance values
SCOs	Soil Cleanup Objectives
SDS	Safety Data Sheet
SEFA	
SEQRA	State Environmental Quality Review Act
SIM	Selective Ion Monitoring
SMP	Site Management Plan
SOE	Support of Excavation
SoMMP	Soil/Materials Management Plan
SOP	Standard Operating Procedure
SPDES	State Pollutant Discharge Elimination System
SSDS	Sub-Slab Depressurization System
S-MicroSVI®	Sulfidated-Micro Zero Valent Ion
SSO	Site Safety Officer

Acronym	Definition
SVI	Soil Vapor Intrusion
SVOCs	Semi-Volatile Organic Compounds
SWPPP	Storm-Water Pollution Prevention Plan
TAL	Target Analyte List
TCE	Trichloroethene
TCL	Target Compound List
Test America	TestAmerica Laboratories Inc
TOGS	Technical & Operational Guidance Series
USCG	United States Coast Guard
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objectives
VMS	Vapor Mitigation System
VOCs	Volatile Organic Compounds
Measurements	
CY	Cubic Yard
ft. bgs	Feet Below Ground Surface
L/min	Liters per Minute
mg/kg	Milligrams per Kilogram
ng/L	Nanograms per Liter
NTU	Nephelometric Turbidity Unit
PM-10	Particulate Matter 10 Micrometers or less in diameter
ppm	Parts per Million
sf	Square Feet
µg/L	Micrograms per Liter
$\mu g/m^3$	Micrograms per Cubic Meter

Executive Summary

SITE DESCRIPTION/PHYSICAL SETTING/SITE HISTORY

The development site (Block 2426, Lot 25) (the "Site") is a rectangular corner site located at the intersection of Webster Avenue and East 166th St. Webster Avenue is a major thoroughfare and wide street (100 feet) and East 166th Street is considered a narrow street (60 feet) (see Figures 1 and 2). The Site has approximately 368 feet of frontage along Webster Avenue and 100 feet of frontage along East 166th Street and a total lot area of 36,840 square feet. The southern portion of the lot, facing East 166th Street and Webster Avenue, is currently used as a private parking lot and the northern portion of the lot is improved with a one-story industrial building. The remaining lots on the eastern side of the block contain one-story industrial and commercial structures. The property currently consists of various operating auto repair shops and a parking lot with a licensed capacity of 100 vehicles.

The site is located within the R7X zoning district, C2-4 commercial overlay district, and within a Mandatory Inclusionary Housing area. As such, the site has an as-of-right development envelope of 221,040 square feet of developable zoning floor area (SFDA) for mixed-use development, which is subject to the requirement that at least 25% of the residential dwelling units are designated as affordable housing. The City Environmental Quality Review Act (CEQR) review has been completed, and the City Planning Commission provided a Negative Declaration as the lead agency on October 19, 2020. The Negative Declaration includes an E designation (E-576) related to air quality and noise to avoid the potential for significant adverse impacts. The surrounding area is located in the East Concourse neighborhood of Bronx Community District 4, and is proximate to the Melrose and Morrisania neighborhoods, to the south and east, respectively. The proposed development is located in an area between predominantly residential land uses west of the site and predominantly commercial and automotive uses to the east towards the Metro-North rail line. The immediate area has retail shopping, along the Webster Avenue corridor.

A Phase 1 and Phase 2 Environmental Site Assessment was completed by Environmental Studies Corporation (ESC) in 2018. The assessment revealed recognized environmental conditions (RECs) including:(1) the possible presence of ten or more petroleum underground storage tanks (USTs) that have not been closed or removed; (2) the potential for site contamination from past spills, leaks, or discharges of hazardous substances and/or petroleum products from leaking USTs, automotive machine repair and auto body operations; (3) the potential for a vapor encroachment condition from past on-site auto-related operations, USTs, and potential off-site sources of contamination in the immediate vicinity of the property; and (4) the potential for ground water contamination in the immediate vicinity of the site from off-site sources such as USTs, industrial and manufacturing operations, auto repair operations and others.

The Site (New York State Department of Environmental Conservation [NYSDEC] Site No. C203167) was accepted into the New York State Brownfield Cleanup Program

(NYSBCP) on October 18, 2023. Webster 1099 Realty LLC and 1099 Webster Managers LLC are participating in the BCP as Participants, pursuant to the NYSDEC BCA Index No. C203167-09-23U.

SUMMARY OF THE REMEDIAL INVESTIGATION

Field Investigation

The RI fieldwork was completed in March and April 2024, pursuant to the provisions of the January 2024 RIWP. It should be noted that portions of the Site were not able to be accessed during the RI (or previous investigations) due to equipment clutter and active work occurring at the various businesses currently operating at the property. The objective of the investigations was to define the nature, extent, and degree of contaminants at the Site. To accomplish these goals, the following Scope of Work was conducted:

1. Conducted a Site inspection.
2. Conducted a private utility mark-out utilizing ground penetrating radar (GPR).
3. Advanced 10 soil borings (RISB-01 through RISB-10) and collected 38 soil samples for laboratory analysis to evaluate soil quality.
4. Installed six permanent groundwater monitoring wells (RIMW-01 through RIMW-06) and collected six representative groundwater samples
5. Collected four representative groundwater samples from four existing monitoring wells.
6. Installed 10 soil vapor probes and collected 10 soil vapor samples.
7. Deployed on indoor air canister and collected one indoor air sample
8. Deployed two outdoor air canisters and collected two outdoor air samples.

Sample locations are provided on Figure 4, while exceedance summary figures are provided on Figure 5 for soil, Figure 6 for groundwater, and Figure 7 for soil vapor.

SOIL SAMPLE ANALYTICAL RESULTS

As described above, a total of 38 soil samples (excluding QA/QC samples) were collected from a total of 10 soil borings (RISB-01 through RISB-10) located throughout the Site during the RI, with generally four soil samples collected from each soil boring. Soil sample analytical results were compared to the NYSDEC Part 375 SCOs (Unrestricted, Restricted, Restricted-Residential, Commercial, Industrial, and PGW).

A summary of the soil sample analytical results is presented below:

VOCs

Acetone, at concentrations of 0.0750 milligrams per kilogram (mg/kg) and of 0.150 mg/kg, was detected during the RI at concentrations exceeding the Unrestricted and PGW SCOs (both 0.05 mg/kg) in two soil samples (RISB-01 [10 to 12 feet] and RISB-02 [4 to 6 feet]) collected in the Exterior Parking Area on the southern portion of the Site. It should be noted that acetone is a typical laboratory contaminant.

As previously reported in the March 2023 Supplemental Investigation Report, multiple chlorinated and petroleum VOCs were detected in historical soil sample SB-10 (0 to 2 feet), collected in the Large Auto Mechanic Area, as follows:

- PCE, at a concentration of 18 mg/kg, was detected in exceedance of its Residential SCO of 5.5 mg/kg.
- The following chlorinated and petroleum VOCs were also detected in exceedance of their respective Unrestricted SCOs:
    - 1,2-Dichlorobenzene was detected at a concentration of 3.4 mg/kg, exceeding the Unrestricted SCO (1.1 mg/kg).
    - cis-1,2-Dichloroethene was detected at a concentration of 1.0 mg/kg, exceeding the Unrestricted SCO (0.25 mg/kg).
    - Ethylbenzene was detected at a concentration of 1.7 mg/kg, exceeding the Unrestricted SCO (1 mg/kg).
    - Toluene was detected at a concentration of 2.7 mg/kg, exceeding the Unrestricted SCO (0.7 mg/kg).
    - Trichloroethene (TCE) was detected at a concentration of 1.1 mg/kg, exceeding the Unrestricted SCO (0.47 mg/kg).

Additionally, acetone, at a concentration of 0.14 mg/kg, was also detected in exceedance of the Unrestricted and PGW SCOs (both 0.05 mg/kg) in historical soil sample SB-2 (8 to 10 feet), collected in the Large Auto Mechanic area in the northern portion of the Site. It should be noted that acetone is a typical laboratory contaminant.

SVOCs (including 1,4-Dioxane)

Several PAHs, a subset of SVOCs, were detected at concentrations exceeding multiple applicable NYSDEC Part 375 SCOs in soil sample RISB-02 (0 to 2 feet), collected in the Exterior Parking Area in the southern portion of the Site. PAH exceedances detected during the RI are summarized below:

- Benzo[a]anthracene, at a concentration of 1.450 mg/kg, was detected in exceedance of the Restricted Residential and PGW SCOs (both 1 mg/kg).

- Benzo[a]pyrene, at a concentration of 1.810 mg/kg, was detected in exceedance of its Industrial SCO of 1.1 mg/kg.
- Benzo[b]fluoranthene, at a concentration of 1.520 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Benzo[k]fluoranthene, at a concentration of 1.230 mg/kg, was detected in exceedance of its Residential SCO of 1 mg/kg.
- Chrysene, at a concentration of 1.280 mg/kg, was detected in exceedance of the Residential and PGW SCOs (both 1 mg/kg).
- Dibenzo(a,h)anthracene, at a concentration of 0.358 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.33 mg/kg.
- Indeno[1,2,3-cd]pyrene, at a concentration of 1.080 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.5 mg/kg.

Pesticides/PCBs

Pesticides and PCBs were not detected in any soil sample during the RI.

Metals

Several metals were detected at concentrations exceeding the NYSDEC Part 375 SCOs in several soil samples collected in the Exterior Parking Area, Machine Shop, and the Interior Parking Area. In general, the highest concentrations and occurrences of these metals were identified at soil boring RISB-02 from 0 to 6 feet bgs. in the Exterior Parking Area. Metals exceedances detected during the RI are summarized below:

- Barium, at concentrations of 354 mg/kg and 438 mg/kg, was detected at concentrations exceeding its Residential (350 mg/kg) and Commercial (400 mg/kg) SCOs and in soil samples RISB-02 (4 to 6 feet) and RISB-03 (4 to 6 feet), respectively, collected in the Exterior Parking Area in the southern portion of the Site.
- Cadmium, at a concentration of 2.550 mg/kg, was detected in exceedance of its Residential SCO of 2.5 mg/kg in soil sample RISB-07 (0 to 2 feet), collected in the Interior Parking Area in the northern portion of the Site.
- Copper, at a concentration of 155 mg/kg, was detected in exceedance of its Unrestricted SCO of 50 mg/kg in soil sample RISB-02 (0 to 2 feet), collected in the Exterior Parking Area in the southern portion of the Site.
- Lead, at concentrations of 362 mg/kg and 171 mg/kg, was detected at concentrations exceeding its Unrestricted SCO of 63 mg/kg in soil samples RISB-02 (0 to 2 feet) and RISB-05 (10 to 12 feet), respectively, collected in the Exterior Parking Area in the southern portion of the Site and the basement of the Machine Shop in the central portion of the Site, respectively.

- Mercury, at concentrations of 0.306 mg/kg and 0.481 mg/kg, was detected at concentrations exceeding its Unrestricted SCO of 0.18 mg/kg in soil samples RISB-01 (0 to 2 feet) and RISB-02 (0 to 2 feet), respectively, collected in the Exterior Parking Area in the southern portion of the Site.
- Zinc, at a concentration of 354 mg/kg, was detected in exceedance of its Unrestricted SCO of 109 mg/kg in soil sample RISB-02 (0 to 2 feet), collected in the Exterior Parking Area in the southern portion of the Site.

PFAS

Several PFAS compounds were detected in multiple soil samples collected throughout the Site during the RI. PFOA and PFOS were detected in exceedance of the Part 375 guidance values in two soil samples collected in the Exterior Parking and the Interior Parking Areas, as follows:

- PFOS, at concentrations ranging from 1.100 micrograms per milligram (µg/kg) to 10.200 µg/kg, was detected in exceedance of its Unrestricted guidance value of 0.88 µg/kg, Residential guidance value of 8.8 µg/kg and PGW guidance value of 3.7 µg/kg in one or more of three soil samples, with the greatest concentration of 10.200 µg/kg identified in soil sample RISB-07 (4 to 6 feet), located in the Interior Parking Area.
- PFOA, at a concentration of 1.420 µg/kg, was also detected in exceedance of its Unrestricted guidance value of 0.66 µg/kg and PGW guidance value of 1.1 µg/kg in soil sample RISB-07 (4 to 6 feet).

GROUNDWATER SAMPLE ANALYTICAL RESULTS

As described above, a total of 10 shallow groundwater samples (excluding QA/QC samples) were collected from a total of 10 existing and newly-installed shallow monitoring wells located throughout the Site during the RI (RIMW-1 through RIMW-6, GTMW-1, GTMW-2, MW-2, and MW-4).

Groundwater sample analytical results were compared to the AWQS. A summary of the groundwater sample analytical results is presented below:

VOCs

Results found are similar to historical VOC analytical results, VOCs were either not detected or were detected well below the AWQS in all groundwater samples.

SVOCs (including 1,4-Dioxane)

Results found are similar to the 2023 Supplemental Investigation Report analytical results, SVOCs were either not detected or were detected well below the AWQS in all groundwater samples during the RI.

It should be noted that, based on discussions with the analytical laboratory, the lowest achievable laboratory reporting limit using both standard and selected ion monitoring (SIM) United States Environmental Protection Agency (USEPA) Method 8270E, will be above the NYSDEC's lowest AWQS for multiple SVOCs, such as several PAHs exhibiting AWQS objectives of 0.002 µg/L. The lowest achievable laboratory reporting limit utilizing USEPA Method 8270E via SIM is currently 0.05 µg/L.

Pesticides

Results found are similar to the 2023 Supplemental Investigation Report analytical results, pesticides were not detected in any groundwater sample during the RI.

PCBs

Results found are similar to the 2023 Supplemental Investigation Report analytical results, PCBs were not detected in any groundwater sample during the RI.

PFAS

Several PFAS compounds were detected in multiple groundwater samples collected throughout the Site during the RI. PFOA and PFOS were detected in exceedance of the Part 375 guidance values in one or more of all groundwater samples, as follows:

- PFOS, at concentrations ranging from 11 nanograms per liter (ng/L) to 44.200 ng/L, was detected in exceedance of its Part 375 guidance value of 2.7 ng/L in all 10 samples, with the greatest concentration identified in groundwater sample RIMW-01, located in the sidewalk to the immediate south of the Site.
- PFOA, at concentrations ranging from 8.5 ng/L to 30.300 ng/L, was detected in exceedance of its Part 375 guidance value of 6.7 ng/L in seven of the 10 samples collected, with the greatest concentration also identified in groundwater sample RIMW-01.

SOIL VAPOR AND INDOOR/AMBIENT AIR SAMPLE ANALYTICAL RESULTS

As described above, a total of 10 soil vapor/sub-slab sample (RISV-01 through RISV-10), one upwind (RIUW-01) and one downwind (RIDW-01) ambient air sample were collected for VOC analysis throughout the Site. Soil vapor/sub-slab points were completed to

approximately 10 feet below sidewalks and the former and current building floor slabs. Soil vapor and air sample locations are provided on Fig. 2.

Soil vapor/sub-slab and air sample analytical results are summarized in Table 3 and a summary of exceedances is provided on Fig. 7, which also includes available historical exceedances.

Soil Vapor/Sub-Slab Points

Several petroleum-related, chlorinated, and non-chlorinated VOCs were detected in the soil vapor/sub-slab samples during the RI. In general, the greater VOC concentrations were primarily identified in the northern portion of the Site, with soil vapor/sub-slab point RISV-10, located in the western portion of the Large Auto Mechanic area, generally exhibiting the highest concentrations and occurrences of most VOCs.

Of particular note, the greatest concentration of heptane (3,000 micrograms per cubic meter [µg/m3]) detected during the RI was detected at soil vapor/sub-slab point RISV-10 located in the western portion of the Large Auto Mechanic area, and the greatest concentration of TCE (485 µg/m3) identified during the RI was detected at soil vapor/sub-slab point RISV-07 located in the western portion of the Interior Parking Area. These concentrations were both above the NYSDOH Guidance Matrix Values "mitigate" threshold.

As previously reported in the March 2023 Supplemental Investigation Report and 2018 Phase II ESA, TCE (96 µg/m³) exceeded its NYSDOH Guidance Matrix Values sub-slab soil vapor "Mitigate" threshold of 60 µg/m³. This historic soil vapor sample was collected in close proximity to the central floor drain within the Large Auto Mechanic area; however, no indoor air samples were collected at this time for comparison.

Additionally, during the 2018 Phase II ESA, several BTEX and chlorinated VOCs were identified at elevated concentrations in several historical soil vapor samples, as follows:

- PCE, at a concentration of 1,200 µg/m³, exceeded its NYSDOH Guidance Matrix Values sub-slab soil vapor "Mitigate" threshold of 1,000 µg/m³ at historical soil vapor probe SV-2, collected in close proximity to the central floor drain within the Large Auto Mechanic area.
- TCE, at concentrations ranging from 180 µg/m³ to 390 µg/m³, exceeded its NYSDOH Guidance Matrix Values sub-slab soil vapor "Mitigate" threshold of 60 µg/m³ at historical soil vapor probe SV-3 and SV-4, collected in the central-eastern portion of the Site.
- In addition, historical total BTEX compounds were detected at concentrations ranging from 579 µg/m³ to 1,523 µg/m³ throughout the Site, with the maximum BTEX concentration identified at historical soil vapor probe SV-4, collected in the central-eastern portion of the Site; however, a NYSDOH Guidance Matrix Value for BTEX has not been established.

Indoor Air

As described above, indoor air sample RIIA-01 was collected during the RI within an office space of the Machine Shop Area in close proximity to soil vapor/sub-slab sample RISV-05. It should be noted that work was ongoing within the Machine Shop during the RI fieldwork and indoor air sampling activities, including parts washing, assembly/disassembly, and painting, and various oils, greases, and solvents were observed in use and on surfaces throughout the Machine Shop.

Several petroleum-related, chlorinated, and non-chlorinated VOCs were detected in indoor air sample RIIA-01. When compared to the soil vapor/sub-slab sample RISV-05 analytical results, the majority of the VOCs detected in indoor air sample RIIA-01 were either considerably higher or non-detect and do not show much if any correlation. Four petroleum VOCs (ethylbenzene, 1,3,5-trimethylbenzene, m,p-xylene, and o-xylene) were detected at concentrations exceeding their NYSDOH Guidance Matrix Values threshold for "Identify Sources and Resample or Mitigate" per their associated sub-slab concentrations at nearby soil vapor/sub-slab sample RISV-05; however, all associated VOC concentrations were below the "Mitigate" threshold for all compounds.

It should also be noted that TCE, PCE, and methylene chloride were either not detected or detected below applicable NYSDOH Air Guidance Values (2 µg/m³, 30 µg/m³, 60 µg/m³, respectively) for indoor air sample RIIA-01.

Ambient Air

As described above, one upwind ambient air sample (RIUW-01) and one downwind ambient air sample (RIDW-01) were collected during the RI from the exterior of the Site to assess upwind/downwind ambient air conditions at the time of the RI soil vapor and indoor air sampling activities.

As compared to the soil vapor and indoor air sample analytical results described above, a similar mix of petroleum-related, chlorinated, and non-chlorinated VOCs were detected in both upwind and downwind air samples. In general, concentrations of these VOCs were detected at slightly higher concentrations in the upwind sample, as compared to the downwind sample, with both ambient air samples exhibiting VOC concentrations generally below the indoor air contaminant concentrations described above.

PREVIOUS ENVIRONMENTAL INVESTIGATIONS

July 2018 Phase II Environmental Site Assessment

The following conclusions were provided in the July 2018 Phase II ESA:

Several rooftop vents and fill port remnants were found in the central and northern portions of the building, and remote fill port remnants were identified in the concrete pavement

of the south parking lot area. A geophysical survey was completed in these areas, with results indicating evidence of underground anomalies indicative of up to 10 USTs. It is likely these USTs stored gasoline, diesel, and fuel oil. No information regarding whether these USTs were properly abandoned was identified.

The results of the Phase II ESA indicated that urban fill was present at the Site, which exhibited polycyclic aromatic hydrocarbons (PAHs) and metals (arsenic, copper, lead, mercury, and zinc) at elevated concentrations typical of urban fill existing in the New York Metropolitan area. In addition, and based on observations noted in the field, nuisance characteristic (odors, visual observation, and elevated photoionization detector [PID] readings) indicative of potentially remnant highly weathered and deteriorated petroleum or chemical impacts were identified in eight of the 13 soil sample locations. However, soil analytical results in these areas did not indicate significant petroleum contamination above NYSDEC Part 375 Unrestricted Soil Cleanup Objectives (SCOs). In addition to the Unrestricted SCOs exceedances, arsenic was also identified at a concentration exceeding its Residential SCO.

Similarly, several PAHs, metals (arsenic, barium, chromium, copper, lead, magnesium, manganese, nickel, selenium, and sodium), pesticides (chlordane), and polychlorinated biphenyls (PCBs) (Aroclor 1260) were identified at concentrations in groundwater above the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA Groundwater.

Results of the soil vapor investigation identified several volatile organic compounds (VOCs) (petroleum-related, chlorinated and other solvents, and fluorinated compounds) in soil vapor, with chlorinated VOCs exceeding NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006 (updated May 2017).

The following conclusions were provided in the Supplemental Investigation Report, dated March 2023:

Based on review of the soil boring logs, urban fill was noted to depths of up to approximately 3 feet below ground surface (ft bgs) throughout the Site, and recycled concrete aggregate (RCA) was noted in the upper 1-foot of material underlying the building concrete foundation slab in the central area of the Site. Soil recovered adjacent to a floor drain within the Large Auto Mechanic Area exhibited medium brown-to-blackish staining, moderate hydrocarbon-like odors, and elevated PID readings above background concentrations; and soil recovered at the large test pit completed adjacent to the USTs within the Interior Parking Area exhibited light-to-medium brown staining, strong hydrocarbon-like odors, and elevated PID readings. Groundwater was encountered at approximately 10.5 to 12 ft bgs throughout the Site.

The geophysical survey completed in accessible Site areas indicated anomalies indicative of USTs in the Interior Parking Area, in the same area where five UST anomalies were previously reported in 2018. The geophysical survey was not able to confirm the other five UST anomalies previously identified in 2018, due to access restrictions.

A UST (concrete encased, and likely part of a five-UST tank farm) and associated piping were identified in the large test pit excavated within the Interior Parking Area. The piping was noted to be pitted, corroded, and in poor condition. Stained soil and evidence of historical and current leaks were noted adjacent to the UST and below the piping. As such, the NYSDEC was notified, and a spill was subsequently assigned to the Site (NYSDEC Spill No. 2207384).

Several VOCs, PAHs, metals, and pesticides were detected in exceedance of multiple Part 375 SCOs (Unrestricted through Industrial) in one or more soil sample collected throughout the Site in 2018 and 2022. In general, the greater evidence of soil contamination (visual, olfactory, and elevated PID readings) and the greater number and concentrations of Part 375 SCO exceedances, including tetrachloroethene (PCE), were identified in the northern portion of the Site in the vicinity of the central floor drain located in the Large Auto Mechanic and the USTs identified in the Interior Parking Area. It should be noted that PCE is found in many industrial and automotive cleaning products. In addition, PAH and arsenic exceedances of multiple Part 375 SCOs were also noted in the western portion of the Site, in the Exterior Parking Area and the Machine Shop Area.

One or more of several PAHs, metals (dissolved metals exceedances included manganese, selenium, and sodium), pesticides, and PCBs were detected in exceedance of the AWQS in one or more groundwater samples collected throughout the Site in 2018 and 2022. Although not detected during this investigation, total PCBs were detected in exceedance of its AWQS of 1.0 ug/L in all four 2018 groundwater samples (ranging from 3.74 ug/L to 7.76 ug/L) collected throughout the Site, with the greatest concentration detected in the Interior Parking Area.

Several chlorinated and petroleum-related VOCs were detected in soil vapor samples collected throughout the Site in 2018 and 2022, with the highest concentrations generally located in the northeastern and eastern portions of the Site (Figure 7). Elevated PCE was also identified in soil in the vicinity of the central floor drain located in the Large Auto Mechanic Area, where the most elevated 2018 and 2022 PCE concentrations were detected in soil vapor. In addition, total BTEX concentrations of up to 1,523 µg/m³ were identified, with the maximum BTEX concentration identified in the central eastern portion of the Site.

QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

Overview

The below Quantitative Human Health Exposure Assessment (QHHEA) for the Site has been prepared in accordance with the requirements of NYSDEC Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation, Appendix 3B, May 2010.

Contaminant Fate and Transport

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the COCs that are present at or may be migrating from the Site. COCs are identified as contaminants exceeding applicable standards. The identification of exposure pathways describes the route COCs may take to travel from source to receptor. An identified pathway indicates that the potential for an exposure exists, though, does not imply that exposures will occur.

The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. Sampling data from the RI and previous investigations were evaluated to determine whether a health risk may exist by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport.

Potential Routes of Human Health Exposure

An exposure pathway begins with a source and mechanism of contaminant release resulting in the contamination of a receiving matrix (environmental medium). A complete exposure pathway also requires a point of potential contact with the contaminated matrix (i.e., exposure point), an exposure route (i.e., inhalation, ingestion, or dermal contact), and a receptor. If an exposure pathway is not complete because it does not include a contaminated matrix, a point of potential contact, an exposure route, or a receptor, then no health risk exists.

There is a potential for a complete exposure pathway to impacted soil in limited southern areas of the Exterior Parking Area, which is primarily underlain by the remaining foundation slab of the former demolished portions of the Site building, although the Exterior Parking Area is enclosed by a locked fence. As the building overlies remaining Site soil, there is no potential exposure to soil in the remaining portion of the Site. In addition, groundwater is not used for any purpose at the Site under current conditions. Exposure to impacted soil vapor would be limited based on the indoor air/sub-slab soil vapor assessment provided above, as the majority of the VOCs detected in the indoor air sample were either considerably higher or non-detect, and do not show much if any correlation, compared to the associated soil vapor/sub-slab sample.

Potential on-site receptors are limited to workers, Site representatives, and visitors. There is a potential for an exposure pathway to be complete during any future excavation activities or intrusive work that exposes Site soil and groundwater and would disturb or remove the former and/or current building foundation slab.

Overall Human Health Exposure Assessment

People may contact contaminants in soil or groundwater if they expose site soil or contact contaminated groundwater, as will be the case during completion of the remedial and redevelopment excavation activities. Groundwater is not used for any purpose at the Site, as the area is served by a public water supply that obtains water from a different source not affected by this contamination. VOCs in Site soil may move into soil vapor (air spaces within the soil),

which in turn may move into future overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion (SVI).

The potential exists for the inhalation of contaminants from the Site, as well as those that may be from an off-site source due to SVI for future on-site buildings and off-site buildings. However, under future conditions, the Site will be remediated, and exposure to any remaining contamination (if present) will be managed with the implementation of ICs/ECs to prevent completion of potential exposure pathways. Following remediation, impacted soil vapor should be minimal at the Site perimeter, thereby likely eliminating the exposure risk to off-site buildings.

Fish and Wildlife Assessment (FWIA)

In accordance with Section 3.10 of DER-10 (NYSDEC, 2010), a Fish and Wildlife Resource Impact Analysis (FWRIA) was considered to identify actual or potential impacts to fish and wildlife resources at and in the vicinity of the Site. As such, the FWRIA Decision Key, as provided in Appendix 3C of DER-10, was reviewed to determine whether a FWRIA is needed. The full FWRIA decision key is included in the RIR.

Summary of the Remedy

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

shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

As part of the remedial program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis will be completed. The environmental footprint analysis will be completed using an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), SiteWiseTM (available in the Sustainable Remediation Forum [SURF] library) or similar Department accepted tool. Water consumption, GHG emissions, renewable and non-renewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, will be incorporated into the remedial program, as appropriate. The project will include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in the Final Engineering Report (FER), including a comparison to the goals established during the remedial program.

Additionally, the remedial program will include a climate change vulnerability assessment, to evaluate the impact of climate change on the project site and the proposed remedy. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise will be identified, and the remedial program will incorporate measures to minimize the impact of climate change on potential identified vulnerabilities.

2. Demolition of the existing building and associated asbestos and lead-based paint abatement.
3. Excavation of soil/fill exceeding Track 1 SCOs, as listed in Table 1 of this work plan.
4. Installation and maintenance of a SSDS beneath the foundation slab to address SVI. The SSDS design drawings are included in Appendix A.
5. Installation and maintenance of a VMS system beneath the foundation slab to address SVI. The VMS design drawings are included in Appendix A
6. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during any intrusive Site work.
7. Collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of Track 1 SCOs.
8. Appropriate off-site disposal of all material removed from the Site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal.

9. Import of materials to be used for backfill and cover in compliance with: (1) chemical limits and other specifications included in Table 1, (2) all Federal, State and local rules and regulations for handling and transport of material.
10. Construction of a concrete building slab to prevent human exposure to residual contaminated soil and/or soil vapor remaining under the Site, if warranted.
11. Recording of an Environmental Easement, including Institutional Controls (ICs), to prevent future exposure to any residual contamination remaining at the Site (a copy of the Environmental Easement will be included in the SMP for the site following completion of remedial activities).
12. Publication of a Site Management Plan (SMP) for short term management of residual contamination as required by the Environmental Easement, including plans for: (1) Institutional and Engineering Controls (ECs), (2) monitoring, (3) operation and maintenance and (4) reporting.
13. All responsibilities associated with the Remedial Action, including permitting requirements and pretreatment requirements, will be addressed in accordance with all applicable Federal, State and local rules and regulations.

Remedial Action Work Plan

1.0 INTRODUCTION

Webster 1099 Realty LLC and 1099 Webster Managers LLC (collectively, the "Applicants") entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC in October 2023, to investigate and remediate a 0.85-acre property located at 1099-1135 Webster Avenue in the Bronx, New York (the "Site"). The Applicants are Participants in the Brownfield Cleanup Program (BCP). Unrestricted Use is proposed for the property. When completed, the Site will contain a mixed use residential and commercial building. Refer to the BCP application for additional details.

This Remedial Action Work Plan (RAWP) summarizes the nature and extent of contamination as determined from data gathered during the Remedial Investigation (RI), performed between March and June 2024. It provides an evaluation of a Track 1 unrestricted use cleanup and other applicable Remedial Action alternatives, their associated costs, and the recommended and preferred remedy. The remedy described in this document is consistent with the procedures defined in DER-10, DER-31, and complies with all applicable standards, criteria and guidance. The remedy described in this document also complies with all applicable Federal, State and local laws, regulations and requirements. NYSDEC and NYSDOH have determined that the site is not a significant threat to human health and the environment. The RI for this Site did not identify fish and wildlife resources.

A formal Remedial Design document will not be prepared.

1.1 Site Location and Description

The development site (Block 2426, Lot 25) is a rectangular corner site located at the intersection of Webster Avenue and East 166th St. (Figure 1 and 2). Webster Avenue is a major thoroughfare and wide street (100 feet) and East 166th Street is considered a narrow street (60 feet). The development site has approximately 368 feet of frontage along Webster Avenue and 100 feet of frontage along East 166th Street and a total lot area of 36,840 square feet. The southern portion of the lot, fronting on East 166th Street and Webster Avenue, is currently used as a private parking lot and the northern portion of the lot is improved with a one-story industrial building. The remaining lots on the eastern side of the block contain one-story industrial and commercial structures. The property currently consists of various operating auto repair shops and a parking lot with a licensed capacity of 100 vehicles.

The site is located within the R7X zoning district, C2-4 commercial overlay district, and within a Mandatory Inclusionary Housing area. As such, the site has an as-of-right development envelope of 221,040 square feet of developable zoning floor area (SFDA) for mixed-use development, which is subject to the requirement that at least 25% of the residential dwelling units are designated as affordable housing. The SEQR has been completed, and the City Planning Commission provided a Negative Declaration as the lead agency on October 19, 2020. The

Negative Declaration includes an E designation (E-576) related to air quality and noise to avoid the potential for significant adverse impacts. The surrounding area is located in the East Concourse neighborhood of Bronx Community District 4, and is proximate to the Melrose and Morrisania neighborhoods, to the south and east, respectively. The proposed development is located in an area between predominantly residential land uses west of the site and predominantly commercial and automotive uses to the east towards the Metro-North rail line. The immediate area has retail shopping, along the Webster Avenue corridor.

A boundary map is attached to the BCA as required by Environmental Conservation Law (ECL) Title 14 Section 27-1419.

1.2 Contemplated Redevelopment Plan

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

The property has been re-zoned for mixed commercial/residential use and, following remediation, the property is planned to be redeveloped via demolition of the existing building and construction of a new mixed commercial/residential use building with a portion designated for affordable housing.

Odors and fugitive dust will be monitored, and a community air monitoring plan (CAMP) will be implemented as part of building demolition to facilitate the proposed remedial activities and any intrusive soil remedial activities to be completed at the Site, per NYSDEC and NYSDOH regulations.

The overall redevelopment project includes the construction of an 11-story building containing 265 residential units and approximately 25,000 square feet of ground floor commercial or community facility space. Basement areas are planned to be used for storage, mechanical equipment, and utilities.

It is anticipated that 60% of the units will be for supportive affordable housing tenants, with approximately 78 units designated for chronically homeless families. The 159 supportive units will be operated by Bronx Works, a local nonprofit organization that will provide on-site case management and supportive services to promote health, financial stability, and improvement of independent life skills.

Development plans are included as Appendix B. The proposed redevelopment footprint is included as Figure 3.

1.3 Description of Surrounding Property

The Site is bounded by multiple multi-family residential buildings to the west; Webster Avenue to the east, across which are several commercial buildings; E 166th Street to the

south, across which is an apartment building; and a commercial building to the north. The remainder of the area surrounding the Site is developed with commercial buildings and multi-family residential buildings.

2.0 DESCRIPTION OF REMEDIAL INVESTIGATION FINDINGS

The Site was investigated in accordance with the scope of work presented in the NYSDEC-approved RI Work Plan dated January 2024. The investigation was conducted between March and June 2024. The final RIR was submitted to NYSDEC on December 19, 2024, and is anticipated to be approved by NYSDEC sometime before August 30, 2025.

2.1 Summary of the Remedial Investigation Performed

2.1.1 BORINGS AND WELLS

As depicted on Figure 4, a total of 10 soil borings (RISB-01 through RISB-10) were completed and a total of 38 soil samples were collected to further delineate previously identified contaminants in Site soil.

Soil borings were advanced to a minimum of 15 ft bgs using direct-push drilling techniques. The water table was identified at approximately 9 to 10.5 ft. bgs during the RI. Recovered soil samples were inspected for impacts (e.g., staining, odors, sheens, etc.) and screened for volatile organic vapors using a PID. Boring logs are included as Appendix C.

Per the January 2024 RIWP, four soil samples were generally collected at each soil boring, to coincide with the planned excavation depths of the new building to be constructed at the Site (approximately 15 ft bgs in basement areas, and approximately 6 ft bgs in areas without basements), as follows:

- One soil sample was collected from the 2-foot interval directly underlying the approximate 6-inch concrete floor slab currently located throughout the Site.
- One soil sample was collected from 4 to 6 ft bgs.
- One soil sample was collected from the 2-foot interval just above the water table (identified at approximately 9 to 10.5 ft bgs during the RI).
- One soil sample was collected from 13 to 15 ft bgs.

However, it should be noted that given that soil boring RISB-05 was completed within the basement area of the Machine Shop, only the water table and 13 to 15-foot samples were able to be collected at this boring location.

Soil samples were collected in laboratory-supplied bottles and analyzed for the following parameters:

- VOCs by United States Environmental Protection Agency (USEPA) Method 8260.
- Semi-volatile organic compounds (SVOCs) by USEPA Method 8270, including 1,4-dioxane.

- Pesticides and PCBs using USEPA Methods 8081 and 8082.
- Target analyte list (TAL) metals and cyanide.
- Perfluoroalkyl and polyfluoroalkyl substances (PFAS) using modified USEPA Method 1633.

Soil analytical data are provided in Tables 2A through 2E.

2.1.2 GROUNDWATER MONITORING WELL INSTALLATION AND SAMPLING

As shown on Figure 4, six groundwater monitoring wells (RIMW-01 through RIMW-06) were installed to facilitate the collection of representative groundwater samples throughout the Site.

The monitoring wells were installed to a depth of 15 ft bgs. Four wells (RIMW-01 through RIMW-04) were constructed with a 10-foot length of 2-inch diameter SCH 40 polyvinyl chloride (PVC), 0.010-inch slotted well screen and 2-inch diameter SCH 40 PVC riser to ground surface, while two wells (RIMW-05 and RIMW-06) were constructed with a 10-foot length of 1-inch diameter SCH 40 PVC, 0.010-inch slotted well screen and 1-inch diameter SCH 40 PVC riser to ground surface based on construction material availability. The screened interval was installed to bridge the water table (identified between 9 to 10.5 ft. bgs during the RI). Well construction logs are provided in Appendix C.

The six new wells were completed with a Morie #2 sand pack to 2 feet above the top of screen, 1 to 2 feet of wetted bentonite pellets, and were then grouted to surface finished with an 8-inch bolted manhole.

The six new monitoring wells, as well as previously installed wells GTMW-01 and GTMW-02 and MW-2 and MW-4, were purged and sampled utilizing low flow sampling techniques. Field parameter readings, including pH, oxidation reduction potential (ORP), specific conductance, turbidity, and dissolved oxygen (DO), were monitored during sampling. Once field parameters stabilized, groundwater samples were collected in laboratory-supplied bottles and were analyzed for the following parameters:

- VOCs by USEPA Method 8260.
- SVOCs by USEPA Method 8270, including 1,4-dioxane using EPA Method 8270 with SIM.
- Pesticides and PCBs using USEPA Methods 8081 and 8082.
- TAL metals and cyanide.
- PFAS using modified USEPA Method 1633.

Groundwater analytical data are provided in Tables 3A through 3E.

2.1.3 SOIL VAPOR MONITORING POINT INSTALLATIONS AND AIR SAMPLING

As shown on Figure 4, 10 soil vapor probes (RISV-01 through RISV-10) were installed to further delineate previously identified contaminants in Site soil vapor. Soil vapor probes were completed below existing sidewalks and former and current building floor slabs.

In addition, one indoor air sample (RIIA-01) was collected in an office space of the Machine Shop Area in close proximity to soil vapor sample RISV-05, and one upwind (RIUW-01) and one downwind (RIDW-01) ambient air sample were collected from the exterior of the Site to assess upwind/downwind ambient air conditions at the time of the soil vapor and indoor air sampling activities.

The temporary soil vapor probes were installed to a depth of approximately 10 feet below ground surface, generally coinciding with the upper surface of the water table. The soil vapor points were advanced using direct-push drilling methods and consisted of 1-inch diameter steel rods with a prefabricated 3-inch perforated steel vapor probe tip attached to ⅜-inch-diameter low density polyethylene (LDPE) plastic tubing. Once driven to depth, the rods were removed leaving only the perforated tip and tubing in the ground. The vapor probe borehole was then backfilled with #2 Morie well grade gravel and a surface seal was constructed using an impermeable clay seal at the last 6 inches of the annulus from surface grade.

The vapor wells were purged using a hand pump after installation to insure a proper seal. Helium gas was used in accordance with NYSDOH protocols to serve as a Quality Assurance/Quality Control (QA/QC) device to verify the integrity of the seal. A portable monitoring device was used to analyze for the tracer prior to sampling. Following sample collection, tracer monitoring was performed a second time to confirm seal integrity.

Flow rate of both purging and sampling did not exceed 0.2 liters per minute (L/min), and sampling occurred for a duration of 2 hours. A sample log sheet was maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols. Helium break-through was not detected at any soil vapor sample point.

All soil vapor samples were collected in laboratory supplied, batch-certified 6-liter summa canisters and analyzed for VOCs via TO-15 in accordance with NYSDOH's Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (May 2017). The soil vapor probes were capped and left in-place following sampling.

Soil vapor and indoor/ambient air analytical data are provided in Table 4.

2.1.4 CONCLUSIONS AND RECOMMENDATIONS

Soil Sample Analytical Results

As described above, a total of 38 soil samples (excluding QA/QC samples) were collected from a total of 10 soil borings (RISB-01 through RISB-10) located throughout the Site during the RI, with generally four soil samples collected from each soil boring. Soil boring locations are provided on Figure 4.

Soil sample analytical results were compared to the NYSDEC Part 375 SCOs (Unrestricted, Restricted, Restricted-Residential, Commercial, Industrial, and PGW). Soil sample analytical results are summarized in Tables 1A through 1E, and a summary of exceedances is provided on Figure 5, which also includes available historical exceedances.

A summary of the soil sample analytical results is presented below:

VOCs

Acetone, at concentrations of 0.0750 milligrams per kilogram (mg/kg) and of 0.150 mg/kg, was detected during the RI at concentrations exceeding the Unrestricted and PGW SCOs (both 0.05 mg/kg) in two soil samples (RISB-01 [10 to 12 feet] and RISB-02 [4 to 6 feet]) collected in the Exterior Parking Area on the southern portion of the Site. It should be noted that acetone is a typical laboratory contaminant.

As previously reported in the March 2023 Supplemental Investigation Report, multiple chlorinated and petroleum VOCs were detected in historical soil sample SB-10 (0 to 2 feet), collected in the Large Auto Mechanic Area, as follows:

- PCE, at a concentration of 18 mg/kg, was detected in exceedance of its Residential SCO of 5.5 mg/kg.
- The following chlorinated and petroleum VOCs were also detected in exceedance of their respective Unrestricted SCOs:
    - 1,2-Dichlorobenzene was detected at a concentration of 3.4 mg/kg, exceeding the Unrestricted SCO (1.1 mg/kg).
    - cis-1,2-Dichloroethene was detected at a concentration of 1.0 mg/kg, exceeding the Unrestricted SCO (0.25 mg/kg).
    - Ethylbenzene was detected at a concentration of 1.7 mg/kg, exceeding the Unrestricted SCO (1 mg/kg).
    - Toluene was detected at a concentration of 2.7 mg/kg, exceeding the Unrestricted SCO (0.7 mg/kg).
    - Trichloroethene (TCE) was detected at a concentration of 1.1 mg/kg, exceeding the Unrestricted SCO (0.47 mg/kg).

Additionally, acetone, at a concentration of 0.14 mg/kg, was also detected in exceedance of the Unrestricted and PGW SCOs (both 0.05 mg/kg) in historical soil sample SB-2 (8 to 10 feet), collected in the Large Auto Mechanic area in the northern portion of the Site. During the 2018 Phase II Environmental Site Assessment, acetone, ranging in concentration from 0.072 mg/kg to 0.26 mg/kg, was detected in exceedance of the Unrestricted and PGW SCOs (both 0.05 mg/kg) in three historical soil samples, with the greatest concentration detected in historical soil sample B-13 (12 to 14 feet), collected in the southeastern corner of the Site. It should be noted that acetone is a typical laboratory contaminant.

SVOCs (including 1,4-Dioxane)

Several PAHs, a subset of SVOCs, were detected at concentrations exceeding multiple applicable NYSDEC Part 375 SCOs in soil sample RISB-02 (0 to 2 feet), collected in the Exterior Parking Area in the southern portion of the Site. PAH exceedances detected during the RI are summarized below:

- Benzo[a]anthracene, at a concentration of 1.450 mg/kg, was detected in exceedance of the Restricted Residential and PGW SCOs (both 1 mg/kg).
- Benzo[a]pyrene, at a concentration of 1.810 mg/kg, was detected in exceedance of its Industrial SCO of 1.1 mg/kg.
- Benzo[b]fluoranthene, at a concentration of 1.520 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Benzo[k]fluoranthene, at a concentration of 1.230 mg/kg, was detected in exceedance of its Residential SCO of 1 mg/kg.
- Chrysene, at a concentration of 1.280 mg/kg, was detected in exceedance of the Residential and PGW SCOs (both 1 mg/kg).
- Dibenzo(a,h)anthracene, at a concentration of 0.358 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.33 mg/kg.
- Indeno[1,2,3-cd]pyrene, at a concentration of 1.080 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.5 mg/kg.

As previously reported in the March 2023 Supplemental Investigation Report and 2018 Phase II ESA, these same PAHs were detected in exceedance of the NYSDEC Part 375 SCOs in historical soil samples collected in the Exterior Parking Area, Large Auto Mechanic Area, and the Small Auto Mechanic Areas, primarily identified in historical borings (B-9 and SB-9). The greatest historical PAH concentrations are summarized as follows:

- Benzo[a]anthracene, at concentrations of 2.6 mg/kg and 7.79 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg, Commercial SCO of 5.6 mg/kg, and PGW SCO of 1 mg/kg.
- Benzo[a]pyrene, at concentrations of 2.3 mg/kg and 6.63 mg/kg, was detected in exceedance of its Industrial SCO of 1.1 mg/kg.

- Benzo[b]fluoranthene, at concentrations of 1.1 mg/kg and 6.63 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg, Commercial SCO of 5.6 mg/kg, and PGW SCO of 1.7 mg/kg.
- Benzo[k]fluoranthene, at concentrations of 1.2 mg/kg and 5.62 mg/kg, was detected in exceedance of its Residential SCO of 1 mg/kg, Restricted Residential SCO of 3.9 mg/kg, and PGW SCO of 1.7 mg/kg.
- Chrysene, at concentrations of 2.1 mg/kg and 6.72 mg/kg, was detected in exceedance of its Residential SCO of 1 mg/kg, Restricted Residential SCO of 3.9 mg/kg, and PGW SCO of 1 mg/kg.
- Dibenzo(a,h)anthracene, at concentrations of 0.43 mg/kg and 1.56 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.33 mg/kg and Industrial SCO of 1.1 mg/kg.
- Indeno[1,2,3-cd]pyrene, at concentrations of 0.57 mg/kg and 4.17 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.5 mg/kg.

Pesticides and PCBs

Pesticides and PCBs were not detected in any soil sample during the RI.

As previously reported in the March 2023 Supplemental Investigation Report and 2018 Phase II ESA, one pesticide (4,4'-DDE, at a concentration of 0.0037 mg/kg) was detected in exceedance of its Unrestricted SCO of 0.0033 mg/kg in historical soil sample SB-5 (0 to 2 feet), collected in the Interior Parking Area. In addition, one pesticide (4,4'-DDT at a concentration of 0.00613 mg/kg) was detected in exceedance of its Unrestricted SCO in historical soil sample B-6 (0 to 2 feet), collected in the Machine Shop Area during the 2018 Phase II ESA.

Metals

Several metals were detected at concentrations exceeding the NYSDEC Part 375 SCOs in several soil samples collected in the Exterior Parking Area, Machine Shop, and the Interior Parking Area. In general, the highest concentrations and occurrences of these metals were identified at soil boring RISB-02 from 0 to 6 feet bgs. in the Exterior Parking Area. Metals exceedances detected during the RI are summarized below:

- Barium, at concentrations of 354 mg/kg and 438 mg/kg, was detected at concentrations exceeding its Residential (350 mg/kg) and Commercial (400 mg/kg) SCOs and in soil samples RISB-02 (4 to 6 feet) and RISB-03 (4 to 6 feet), respectively, collected in the Exterior Parking Area in the southern portion of the Site.
- Cadmium, at a concentration of 2.550 mg/kg, was detected in exceedance of its Residential SCO of 2.5 mg/kg in soil sample RISB-07 (0 to 2 feet), collected in the Interior Parking Area in the northern portion of the Site.

- Copper, at a concentration of 155 mg/kg, was detected in exceedance of its Unrestricted SCO of 50 mg/kg in soil sample RISB-02 (0 to 2 feet), collected in the Exterior Parking Area in the southern portion of the Site.
- Lead, at concentrations of 362 mg/kg and 171 mg/kg, was detected at concentrations exceeding its Unrestricted SCO of 63 mg/kg in soil samples RISB-02 (0 to 2 feet) and RISB-05 (10 to 12 feet), respectively, collected in the Exterior Parking Area in the southern portion of the Site and the basement of the Machine Shop in the central portion of the Site, respectively.
- Mercury, at concentrations of 0.306 mg/kg and 0.481 mg/kg, was detected at concentrations exceeding its Unrestricted SCO of 0.18 mg/kg in soil samples RISB-01 (0 to 2 feet) and RISB-02 (0 to 2 feet), respectively, collected in the Exterior Parking Area in the southern portion of the Site.
- Zinc, at a concentration of 354 mg/kg, was detected in exceedance of its Unrestricted SCO of 109 mg/kg in soil sample RISB-02 (0 to 2 feet), collected in the Exterior Parking Area in the southern portion of the Site.

As previously reported in the March 2023 Supplemental Investigation Report and 2018 Phase II ESA, a similar mix of metals were detected in exceedance of the NYSDEC Part 375 SCOs in historical soil samples collected throughout the Site, as follows.

- Nickel, at a concentration of 32.2 mg/kg, was detected during the Supplemental Investigation in exceedance of its Unrestricted SCO of 30 mg/kg in soil sample SB-2 (8 to 10 feet), collected in the Exterior Parking Area.
- Zinc was detected during the Supplemental Investigation in exceedance of its Unrestricted SCO of 109 mg/kg at three soil sample locations, collected in the Large Auto Mechanic Area and Interior Parking Area, with the greatest concentration identified in the Interior Parking Area.
- Additionally, during the 2018 Phase II ESA, arsenic, copper, lead, mercury, and zinc were detected in exceedance of the Unrestricted SCOs, primarily in the western and southern portions of the Site. Arsenic (68 mg/kg and 113 mg/kg) was also detected in exceedance of the Industrial and PGW SCOs (both 16 mg/kg) in historical soil samples B-7 (0 to 2 feet) and B-8 (0 to 2 feet), respectively, collected in the Machine Shop Area within the central portion of the Site.

PFAS

Several PFAS compounds were detected in multiple soil samples collected throughout the Site during the RI. PFOA and PFOS were detected in exceedance of the DRAFT Part 375 guidance values in two soil samples collected in the Exterior Parking and the Interior Parking Areas, as follows:

- PFOS, at concentrations ranging from 1.100 micrograms per milligram (µg/kg) to 10.200 µg/kg, was detected in exceedance of its Unrestricted guidance value of

0.88 µg/kg, Residential guidance value of 8.8 µg/kg and PGW guidance value of 3.7 µg/kg in one or more of three soil samples, with the greatest concentration of 10.200 µg/kg identified in soil sample RISB-07 (4 to 6 feet), located in the Interior Parking Area.

- PFOA, at a concentration of 1.420 µg/kg, was also detected in exceedance of its Unrestricted guidance value of 0.66 µg/kg and PGW guidance value of 1.1 µg/kg in soil sample RISB-07 (4 to 6 feet).

Based on available information, historical PFAS sampling has not been completed at the Site.

Groundwater Sample Analytical Results

As described above, a total of 10 shallow groundwater samples (excluding QA/QC samples) were collected from a total of 10 existing and newly-installed shallow monitoring wells located throughout the Site during the RI (RIMW-1 through RIMW-6, GTMW-1, GTMW-2, MW-2, and MW-4). Groundwater well locations are provided on Figure 4.

Groundwater sample analytical results were compared to the AWQS. Groundwater sample analytical results are summarized in Tables 2A through 2E, and a summary of exceedances is provided on Figure 6, which also includes available historical exceedances.

A summary of the groundwater sample analytical results is presented below:

VOCs

Results are similar to historical VOC analytical results; VOCs were either not detected or were detected well below the AWQS in all groundwater samples.

SVOCs (including 1,4-Dioxane)

Results are similar to the 2023 Supplemental Investigation Report analytical results, SVOCs were either not detected or were detected well below the AWQS in all groundwater samples during the RI.

It should be noted that, based on discussions with the analytical laboratory, the lowest achievable laboratory reporting limit using both standard and SIM USEPA Method 8270E, will be above the NYSDEC's lowest AWQS for multiple SVOCs, such as several PAHs exhibiting AWQS objectives of 0.002 µg/L. The lowest achievable laboratory reporting limit utilizing USEPA Method 8270E via SIM is currently 0.05 µg/L.

Several PAHs were detected during the 2018 Phase II ESA in exceedance of their respective AWQS of 0.002 µg/L in historical groundwater sample GW-2, located in the central portion of the Interior Parking Area, as follows:

- Benzo[a]anthracene was detected at a concentration of 0.295 µg/L.

- Benzo[a]pyrene was detected at a concentration of 0.411 µg/L.
- Benzo[b]fluoranthene was detected at a concentration of 0.295 µg/L.
- Benzo[k]fluoranthene was detected at a concentration of 0.337 µg/L.

Pesticides

Results are similar to the 2023 Supplemental Investigation Report analytical results, pesticides were not detected in any groundwater sample during the RI.

Total chlordane was detected during the 2018 Phase II ESA at a concentration of 0.0682 µg/L in exceedance of its AWQS of 0.05 µg/L in historical groundwater sample GW-1, collected in the Large Auto Mechanic area.

PCBs

Results are similar to the 2023 Supplemental Investigation Report analytical results, PCBs were not detected in any groundwater sample during the RI.

During the 2018 Phase II ESA, total PCBs were detected in exceedance of its AWQS of 1.0 µg/L in all four historical groundwater samples collected throughout the Site. Total PCB exceedances ranged from 3.74 µg/L to 7.76 µg/L, with the greatest concentration detected in historical groundwater sample GW-2, collected in the Interior Parking Area. However, it should be noted that PCBs have not been detected since this time, with PCB results non-detect during the 2022 Supplemental Investigation and 2024 RI sample events.

Metals

Several total metals (arsenic, beryllium, chromium, copper, iron, lead, magnesium, manganese, nickel, selenium, sodium, and thallium) were detected during the RI at concentrations exceeding the AWQS in several groundwater samples collected throughout the Site. In general, the highest concentrations and occurrences of these metals were identified at monitoring well RIMW-05, located in the Interior Parking Area.

Several dissolved metals, which are more representative of actual metals concentrations in groundwater, were also detected during the RI at concentrations exceeding the AWQS, as summarized below:

- Magnesium, at a concentration of 37,400 µg/L, was detected at a concentration exceeding its AWQS of 35,000 µg/L in groundwater sample RIMW-05, collected in the Interior Parking Area.
- Manganese, at concentrations of 321 µg/L and 329 µg/L, was detected at concentrations exceeding its AWQS of 300 µg/L in groundwater samples RIMW-03 and RIMW-06, collected in the Exterior Parking and Interior Parking Areas, respectively.
- Sodium, at concentrations ranging from 44,500 µg/L to 156,000 µg/L, was detected at concentrations exceeding its AWQS of 20,000 µg/L in the majority of groundwater

samples. The greatest sodium exceedance was detected in groundwater sample RIMW-05, collected in the Interior Parking Area.

- Selenium, at a concentration of 12.100 µg/L, was detected at a concentration exceeding its AWQS of 10 µg/L in groundwater sample RIMW-02, collected in the Exterior Parking Area.

As previously reported in the March 2023 Supplemental Investigation Report and 2018 Phase II ESA, a mix of similar dissolved metals (manganese, selenium, and sodium) were detected in exceedance of the AWQS in historical groundwater samples collected throughout the Site.

PFAS

Several PFAS compounds were detected in multiple groundwater samples collected throughout the Site during the RI. PFOA and PFOS were detected in exceedance of the Part 375 guidance values in one or more of all groundwater samples, as follows:

- PFOS, at concentrations ranging from 11 nanograms per liter (ng/L) to 44.200 ng/L, was detected in exceedance of its Part 375 guidance value of 2.7 ng/L in all 10 samples, with the greatest concentration identified in groundwater sample RIMW-01, collected in the sidewalk to the immediate south of the Site.
- PFOA, at concentrations ranging from 8.5 ng/L to 30.300 ng/L, was detected in exceedance of its Part 375 guidance value of 6.7 ng/L in seven of the 10 samples collected, with the greatest concentration also identified in groundwater sample RIMW-01.

Soil Vapor and Indoor Air

Several petroleum-related, chlorinated, and non-chlorinated VOCs were detected in the soil vapor samples. In general, the greater VOC concentrations were primarily identified in the northern portion of the Site. Figure 7 provides a summary of contaminants identified in soil vapor at concentrations exceeding NYSDOH Guidance Matrix Values thresholds.

Based on the results of the RI and previous investigations completed at the Site, the primary COCs exceeding the NYSDOH Guidance Matrix Values in Site soil vapor are summarized as follows:

- VOCs, including heptane, PCE, and TCE, were identified in soil vapor in the central and northern portions of the Site.
- VOCs, including ethylbenzene, 1,3,5-trimethylbenzene, m,p-xylene, and o-xylene, were identified in indoor air sample RIIA-01 collected within an office space of the Machine Shop Area in close proximity to soil vapor/sub-slab sample RISV-05. When compared to the associated soil vapor/sub-slab sample analytical results, the majority of the VOCs detected in indoor were either considerably higher or non-detect and do not show much if any correlation. It should be noted that work was ongoing within the Machine Shop

during the RI fieldwork and indoor air sampling activities, including parts washing, assembly/disassembly, and painting, and various oils, greases, and solvents were observed in use and on surfaces throughout the Machine Shop.

Recommendations

Based on the planned future use of the Site as a residential building, exposure risks may be present during redevelopment and construction activities. Based on the contaminants identified in Site soil and soil vapor, as described above, remediation of the Site is recommended prior to implementation of any redevelopment and construction activities.

Based on the above contaminants identified and described above, the remedy to be evaluated and described in the RAWP will identify areas and depths of soil excavation for proper off-site transportation and disposal and soil vapor intrusion (SVI) mitigation for the new building to be installed at the Site. The final remedy will include a remedial alternatives analysis to evaluate remedial options to mitigate these risks. Remediation of the Site will also include locating and removing the identified USTs and potential USTs located throughout the Site.

In addition to the remedial activities to be described in the RAWP, it is further recommended that, based on the results of the indoor air sample described above, efforts should be made to identify and mitigate the sources of identified petroleum VOCs in indoor air while workers occupy the current building.

2.1.5 CHEMICAL ANALYTICAL WORK PERFORMED

Factor	Description
Chemical Analytical Methods	Soil analytical methods: • VOCs by USEPA Method 8260C • SVOCs by USEPA Method 8270D • TAL Metals by USEPA Method 6010D and Mercury by USEPA Method 7471B • Pesticides by USEPA Method 8081B • PCBs by USEPA Method 8082A • PFAS NY 21 Standard List by USEPA Method 1633 Groundwater analytical methods: • VOCs using USEPA Method 8260C • PFAS (NY 21 Standard List) using a modified USEPA Method 1633 • 1,4-dioxane using a modified USEPA Method 8270 (with SIM to be used during analysis) • SVOCs using USEPA Method 8270D • TAL metals (including mercury) via USEPA Method 6010D and Method 7473 • Pesticides via USEPA Method 8081B • PCBs via USEPA Method 8082. Soil Vapor, Indoor Air, Outdoor Air analytical methods: • VOCs by TO-15 VOC parameters.

2.1.6 GEOPHYSICAL SURVEY AND TEST PIT

A geophysical survey was completed at the Site utilizing ground penetrating radar (GPR) and a magnetometer to determine the existence of any subsurface anomalies or drainage structures, and to locate on-site utilities in the investigation areas. Prior to any intrusive work, one-call was also notified, and a public utility mark-out was completed. The geophysical survey completed in accessible Site areas indicated anomalies indicative of USTs in the Interior Parking Area, in the same area where five UST anomalies were previously reported in 2018. The geophysical survey was not able to confirm the other five UST anomalies previously identified in 2018, due to access restrictions. A test pit was conducted during the December 2022 Supplemental Investigation. Soil recovered from this test pit exhibited light to medium brown staining, strong hydrocarbon-like odors, and elevated PID readings. As such, the NYSDEC was notified, and a spill was subsequently assigned to the Site (NYSDEC Spill No. 2207384).

2.1.7 SURVEY

The six new RI monitoring wells (RIMW-01 through RIMW-06) and select existing wells (GTMW-01, GTMW-02, MW-1, MW-2, and MW-4) were surveyed by a licensed surveyor on June 3, 2024. A groundwater contour map showing the groundwater elevations and contours is provided as Figure 8.

2.2 Significant Threat

NYSDEC and NYSDOH have determined that the site is not a significant threat to human health and the environment.

2.3 Site History

Based on review of the January 2018 Phase I ESA, the identified uses at the property since the early 1920s include auto repair garages, automotive machine shops, auto body repair shops, Sheffield Farms Dairy (garage, storage, and fleet repair shop), a retail auto parts store, restaurants, and retail stores. In addition, the property was briefly owned by "dyeing and finishing" companies.

The Site building initially covered the entire property until the southern one third of the building was destroyed by fire and was partially demolished in the late 1990s.

2.3.1 PAST USES AND OWNERSHIP

The table below indicates the past ownership of the property.

Date Recorded	Owner/Operator
Unknown	Kraftco Corporation
2/2/1971	Circle Dyeing and Finishing Corp.
2/2/1971	Gotham Dyeing and Finishing Corp.
3/30/1972	Elzee Estates, Inc.
3/30/1972	D&S Realty Co.
10/4/1972	Elzee Estates, Inc.
10/4/1972	Almax Associates
5/21/1982	Rome Knitting Mills, Inc.
1972	Troika Associates
1972	Schurson Textiles Inc.
7/27/1982	Trio Realty Company, LLC
1/17/1991	Shur Management Co., Ltd.
2/19/1991	Duo Factors Company
2/19/1991	Paul Shur Associates
12/3/1996	Trio Realty Company, LLC
3/2/2000	Trio 2870 Marion Associates, LLC
5/5/2005	Webster 1099, LLC

As described above, the identified uses at the property since the early 1920s include auto repair garages, automotive machine shops, auto body repair shops, Sheffield Farms Dairy (garage, storage, and fleet repair shop), a retail auto parts store, restaurants, and retail stores. In addition, the property was briefly owned by "dyeing and finishing" companies.

2.3.2 PHASE I AND PHASE II REPORTS

Phase I and II ESAs were completed by Environmental Studies Corporation (ESC) in January and July 2018, respectively. The recognized environmental conditions (RECs) outlined in the Phase I ESA were investigated as part of the Phase II ESA.

A Supplemental Investigation was completed at the Site by GEI in November and December 2022, prior to acceptance into the BCP program. The Supplemental Investigation was completed to establish baseline conditions as part of the planned redevelopment of the Site with an 11-story residential building and to further investigate contaminant concentrations identified during the Phase II ESA.

The following narrative summarizes the results of these investigations. The previous investigation reports (Phase II ESA and Supplemental Investigation Report) are provided in Appendix D.

January 2018 Phase I Environmental Site Assessment

The following RECs were identified in the January 2018 Phase I ESA:

- The possible presence of 10 or more petroleum underground storage tanks (USTs) that have not been closed or removed in accordance with New York City Fire Department and NYSDEC requirements.
- The potential for Site contamination from past spills, leaks, or discharges of hazardous substances and/or petroleum products from leaking USTs and automotive machine repair and auto body operations.
- The potential for a vapor encroachment condition from past on-site auto-related and dying operations, USTs, and potential off-site sources of contamination in the immediate vicinity of the property.
- The potential for groundwater contamination in the immediate vicinity of the Site from off-site sources such as USTs, industrial and manufacturing operations, auto repair operations and others.

July 2018 Phase II Environmental Site Assessment

The following conclusions were provided in the July 2018 Phase II ESA:

Several rooftop vents and fill port remnants were found in the central and northern portions of the building, and remote fill port remnants were identified in the concrete pavement of the south parking lot area. A geophysical survey was completed in these areas, with results

indicating evidence of underground anomalies indicative of up to 10 USTs. It is likely these USTs stored gasoline, diesel, and fuel oil. No information regarding whether these USTs were properly abandoned was identified.

The results of the Phase II ESA indicated that urban fill was present at the Site, which exhibited polycyclic aromatic hydrocarbons (PAHs) and metals (arsenic, copper, lead, mercury, and zinc) at elevated concentrations typical of urban fill existing in the New York Metropolitan area. In addition, and based on observations noted in the field, nuisance characteristic (odors, visual observation, and elevated photoionization detector [PID] readings) indicative of potentially remnant highly weathered and deteriorated petroleum or chemical impacts were identified in eight of the 13 soil sample locations. However, soil analytical results in these areas did not indicate significant petroleum contamination above NYSDEC Part 375 Unrestricted Soil Cleanup Objectives (SCOs). In addition to the Unrestricted SCOs exceedances, arsenic was also identified at a concentration exceeding its Residential SCO.

Similarly, several PAHs, metals (arsenic, barium, chromium, copper, lead, magnesium, manganese, nickel, selenium, and sodium), pesticides (chlordane), and polychlorinated biphenyls (PCBs) (Aroclor 1260) were identified at concentrations in groundwater above the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA Groundwater.

Results of the soil vapor investigation identified several volatile organic compounds (VOCs) (petroleum-related, chlorinated and other solvents, and fluorinated compounds) in soil vapor, with chlorinated VOCs exceeding NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006 (updated May 2017).

2.3.3 SANBORN MAPS

The 1891, 1903, 1951, 1969, 1970, 1977, 1978, 1979, 1980, 1981, 1984, 1989, 1991, 1992, 1993, 1995, 1996, 1998, 2001, 2002, 2003, 2004, 2005, 2006 and 2007 Sanborn fire insurance/real estate maps, provided by EDR, Inc. were reviewed (see Attachment A). In addition, the 1909 Sanborn map of the project site from the New York Public Library Digital Collections was reviewed. These maps provide information on the history of structures at the site and may show property use including operations involving the storage or use of hazardous substances, and the presence of buried gasoline tanks.

The project site appears as an undeveloped lot with no identified on-site uses or operations on the 1891, 1903 and 1909 Sanborn maps. The 1951 through 1998 Sanborn maps show the entire site fully occupied by a 1-story garage building with four different commercial spaces. There are two buried gasoline tanks shown below the southern portion of the building on these maps. The 1951 Sanborn map shows the building occupied by the Sheffield Farms Co. garage and repair shop. The 1969 Sanborn map shows the building occupied by the Sheffield Farms Co. for a garage and storage. The use in the building is shown as unspecified garages on the 1970 through 1996 Sanborn maps. The uses in the building are shown as auto repair garages and garages on the 1998 Sanborn map.

The 2001 through 2007 Sanborn maps show the existing configuration of the site, with a 1-story garage building on the north side of the site, and an open parking lot on the south side. The uses in the building are shown as auto repairs and garage on these maps.

All Sanborn Maps available for this Site were reviewed prior to preparation of the RAWP.

2.4 Geologic and Hydrogeologic Conditions

Site Soil/Stratigraphy

As shown on the RI soil boring logs provided in Appendix C, urban fill was noted in several soil borings to depths of up to approximately 5 feet bgs (soil boring RISB-2, collected in the Exterior Parking Area in the southern portion of the Site), and RCA was also noted in the upper 1-foot of material underlying the building concrete foundation slab (approximately 6 inches). Urban fill is underlain predominantly by fine to medium sand and silt with varying amounts of fine gravel.

Soil recovered at soil boring RISB-10 within the Large Auto Mechanic Area exhibited medium brown to blackish staining, moderate hydrocarbon like odors, and PID readings of up to 83.6 parts per million (ppm) in the 13 to 15-foot interval. In addition, RISB-01 within the Exterior Parking Area exhibited some black staining with hydrocarbon-like odors and PID readings of up to 35.8 ppm in the 10 to 12-foot interval.

Aquifer Characteristics and Groundwater Flow Direction

The groundwater table was observed at approximately 9 to 10.5 ft bgs during the RI.

Based on the site-specific groundwater depths and calculated elevations, groundwater flows south-southeast. Depth to groundwater and groundwater well elevation information is provided in the table below. A groundwater contour map showing site-specific groundwater measurements and elevations are provided in the table below, while groundwater flow contours are provided in Figure 8.

Monitoring Well ID	Top of Casing Elevation (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)
RIMW-01	19.81	10.32	9.49
RIMW-02	19.57	9.73	9.84
RIMW-03	19.89	10.27	9.62
RIMW-04	20.32	10.67	9.65
RIMW-05	21.38	11.03	10.35
RIMW-06	21.31	11.16	10.15
GTMW-01	19.28	9.62	9.66
GTMW-02	20.80	11.03	9.77
MW-1	21.19	11.26	9.93
MW-2	21.17	11.13	10.04
MW-4	20.71	10.28	10.43

2.5 Contamination Conditions

2.5.1 CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) aids in developing a general understanding of the Site and evaluating potential human exposure pathways and impacts to the environment. The CSM identifies potential sources of contamination, types of contaminants and affected media, release mechanisms and potential contaminant pathways and actual/potential human and environmental receptors.

2.5.2 DESCRIPTION OF AREAS OF CONCERN

Based upon investigations conducted to date, the primary COCs include petroleum-related and chlorinated VOCs. The chlorinated VOCs in soil were primarily detected in the large auto mechanic area, while petroleum contaminants in soil were identified globally around the Site, including with the leaking USTs identified in the indoor parking area. As discussed previously, NYSDEC Spill No. 2207384 was assigned to the Site in connection with the leaking UST. Soil vapor impacts were identified to be both petroleum and chlorinated, with the higher levels observed towards the northern and western portions of the Site.

2.5.3 IDENTIFICATION OF STANDARDS, CRITERIA AND GUIDANCE

The data collected during the RI was compared with the Standards, Criteria and Guidance values (SCGs) applicable to each medium sampled, and include:

- **Soil:** NYSDEC 6NYCRR Part 375 Environmental Remediation Programs: Part 375-6.8: SCOs for UUSCO, Residential Use (RUSCO), Restricted Residential Use (RRSCO),

Restricted Commercial Use (RCSCO), Restricted Industrial Use (RIUSCO), and Protection of Groundwater (PGWSCO).

- **Groundwater:** NYS 6NYCRR Part 703.5 Class GA AWQS.
- **Soil Vapor:** New York State currently does not have SCGs for compounds detected in soil vapor. Soil vapor data is evaluated in conjunction with soil and groundwater data. The Guidance for Evaluating Soil Vapor Intrusion in the State of New York, with updates (SVI Guidance) Matrix Tables A, through F utilize a comparison of sub-slab soil vapor data to co-located indoor air data, to evaluate actions to address the potential for exposure.

SCGs are displayed on Table 1. The analytical data is presented on Tables 2 to 4 and exceedances and detections are summarized on Figures 5 to 7 for soil, groundwater, soil vapor and ambient air, and is compared to the applicable SCGs.

2.5.4 SOIL/FILL CONTAMINATION

2.5.4.1 SUMMARY OF SOIL/FILL DATA

The soil impacts identified throughout the Site primarily consist of several VOCs, primality PCE and TCE; multiple PAHs; pesticides, such as 4,4'-DDE and 4,4'-DDT; and multiple metals, such as arsenic, barium, cadmium, copper, lead, mercury, nickel, and zinc. Figure 5 provides a summary of contaminants identified in soil at concentrations exceeding the NYSDEC Part 375 SCOs.

In general, the greater evidence of soil contamination (visual, olfactory, and elevated PID readings) and the greater number and concentrations of Part 375 SCO exceedances were identified in the northern and western portions of the Site, primarily in shallow soil, as well as in the vicinity of the central floor drain located in the Large Auto Mechanic and the USTs identified in the Interior Parking Area.

Based on the results of the RI and previous investigations completed at the Site, the primary COCs exceeding the Part 375 SCOs in Site soil are summarized as follows:

- Several VOCs, including chlorinated solvents such as PCE and TCE, primarily identified in shallow soil in association with the central floor drain located in the Large Auto Mechanic in the northern area of the Site. Exceedances of acetone were also detected in limited areas of the Site; however, it should be noted that acetone is a typical laboratory contaminant.
- PAHs, identified in primarily shallow soil throughout the Site, primarily in the northern, western, and central areas of the Site.
- Pesticides, including 4,4'-DDE and 4,4'-DDT, identified in the shallow soil in the central portion of the Site.

- Metals, including arsenic, barium, cadmium, copper, lead, mercury, nickel, and zinc, identified in the shallow soil throughout the Site.

Physical impacts were primarily limited to the area adjacent to the UST (concrete encased and likely part of a five UST tank farm) and associated piping identified in a test pit excavated within the Interior Parking Area located in the central portion of the Site. As identified above, soil recovered from the large test pit exhibited soil staining, strong hydrocarbon-like odors, and PID readings of up to 156 ppm. As such, the NYSDEC was notified, and a Spill was subsequently assigned to the Site (NYSDEC Spill No. 2207384). Chemical and petroleum-like odors were also noted within soil recovered from the central drain and northeastern areas of the Large Auto Mechanic in the northern portion of the Site. The source of these impacts are likely related to the former USTs, historical and current operation of the Site for vehicle and related repairs, and historical placement of backfill at the Site.

Table 2 shows exceedances from Track 1 Unrestricted SCOs for all soil/fill at the Site. Figure 5 is a spider map that shows the location and summarizes exceedances from Track 1 Unrestricted SCOs for all soil/fill.

2.5.5 ON-SITE AND OFF-SITE GROUNDWATER CONTAMINATION

2.5.5.1 SUMMARY OF GROUNDWATER DATA

Shallow groundwater impacts identified throughout the Site primarily consisted of SVOCs, pesticides, PCBs, metals, and PFAS. However, it should be noted that the PCB have not been detected since this time, and PCBs were not detected during the 2022 Supplemental Investigation and 2024 RI sample events. Figure 6 provides a summary of contaminants identified in shallow groundwater at concentrations exceeding the AWQS.

Based on the results of the RI and previous investigations completed at the Site, the primary COCs exceeding the AWQS in shallow groundwater at the Site are summarized as follows:

- PAHs, identified in the south-central portion of the Site.
- Pesticides, including total chlordane, identified the northeast portion of the Site.
- Metals (dissolved), including arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium, and zinc, identified throughout the Site. It should be noted that this list only includes dissolved metals, which are more representative of actual metals concentrations in groundwater.

The RI data was compared to the AWQS and no exceedances of contaminants of concern were identified during the latest groundwater sampling round completed at the Site in 2024. As such, no additional groundwater sampling or remedy is warranted.

A table that indicates exceedances of Class GA AWQS in monitoring wells prior to the remedy is shown in Table 3. A spider map that indicates the location(s) of and summarizes exceedances of AWQS prior to the remedy is shown in Figure 6.

2.5.6 ON-SITE AND OFF-SITE SOIL VAPOR CONTAMINATION

Several petroleum-related, chlorinated, and non-chlorinated VOCs were detected in the soil vapor samples. In general, the greater VOC concentrations were primarily identified in the northern portion of the Site. Figure 7 provides a summary of contaminants identified in soil vapor at concentrations exceeding NYSDOH Guidance Matrix Values thresholds.

Based on the results of the RI, the primary COCs exceeding the NYSDOH Guidance Matrix Values in Site soil vapor are summarized as follows:

- VOCs, including heptane, PCE, and TCE, were identified in soil vapor in the central and northern portions of the Site.
- VOCs, including ethylbenzene, 1,3,5-trimethylbenzene, m,p-xylene, and o-xylene, were identified in indoor air sample RIIA-01 collected within an office space of the Machine Shop Area in close proximity to soil vapor/sub-slab sample RISV-05. When compared to the associated soil vapor/sub-slab sample analytical results, the majority of the VOCs detected in indoor air were either considerably higher or non-detect and do not show much if any correlation. It should be noted that work was ongoing within the Machine Shop during the RI fieldwork and indoor air sampling activities, including parts washing, assembly/disassembly, and painting, and various oils, greases, and solvents were observed in use and on surfaces throughout the Machine Shop

A table of soil vapor data collected prior to the remedy is shown in Table 4.4. A spider map that indicates the location(s) of and summarizes soil vapor data prior to the remedy is shown in Figure 7.

2.6 Environmental and Public health Assessments

2.6.1 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

Overview

The below Quantitative Human Health Exposure Assessment (QHHEA) for the Site has been prepared in accordance with the requirements of NYSDEC Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation, Appendix 3B, May 2010.

Contaminant Fate and Transport

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the COCs that are present at or may be migrating from the Site.

COCs are identified as contaminants exceeding applicable standards. The identification of exposure pathways describes the route COCs may take to travel from source to receptor. An identified pathway indicates that the potential for an exposure exists, though, does not imply that exposures will occur.

The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. Sampling data from the RI and previous investigations were evaluated to determine whether a health risk may exist by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport.

Potential Routes of Human Health Exposure

An exposure pathway begins with a source and mechanism of contaminant release resulting in the contamination of a receiving matrix (environmental medium). A complete exposure pathway also requires a point of potential contact with the contaminated matrix (i.e., exposure point), an exposure route (i.e., inhalation, ingestion, or dermal contact), and a receptor. If an exposure pathway is not complete because it does not include a contaminated matrix, a point of potential contact, an exposure route, or a receptor, then no health risk exists.

There is a potential for a complete exposure pathway to impacted soil in limited southern areas of the Exterior Parking Area, which is primarily underlain by the remaining foundation slab of the former demolished portions of the Site building, although the Exterior Parking Area is enclosed by a locked fence. As the building overlies remaining Site soil, there is no potential exposure to soil in the remaining portion of the Site. In addition, groundwater is not used for any purpose at the Site under current conditions. Exposure to impacted soil vapor would be limited based on the indoor air/sub-slab soil vapor assessment provided above, as the majority of the VOCs detected in the indoor air sample were either considerably higher or non-detect, and do not show much if any correlation, compared to the associated soil vapor/sub-slab sample.

Potential on-site receptors are limited to workers, Site representatives, and visitors. There is a potential for an exposure pathway to be complete during any future excavation activities or intrusive work that exposes Site soil and groundwater and would disturb or remove the former and/or current building foundation slab.

Overall Human Health Exposure Assessment

People may contact contaminants in soil or groundwater if they expose site soil or contact contaminated groundwater, as will be the case during completion of the remedial and redevelopment excavation activities. Groundwater is not used for any purpose at the Site, as the area is served by a public water supply that obtains water from a different source not affected by this contamination. VOCs in Site soil may move into soil vapor (air spaces within the soil), which in turn may move into future overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as SVI.

The potential exists for the inhalation of contaminants from the Site, as well as those that may be from an off-site source due to SVI for future on-site buildings and off-site buildings. However, under future conditions, the Site will be remediated, and exposure to any remaining contamination (if present) will be managed with the implementation of ICs/ECs to prevent completion of potential exposure pathways. Following remediation, impacted soil vapor (if present) should be minimal at the Site perimeter, thereby likely eliminating the exposure risk to off-site buildings.

2.7 Interim Remedial Action

Given the contaminant concentrations identified during the RI and previous investigations, IRMs prior to Site remediation and construction are not necessary at the Site.

2.8 Remedial Action Objectives

Based on the results of the RI, the following Remedial Action Objectives (RAOs) have been identified for this Site.

2.8.1 SOIL

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

2.8.2 GROUNDWATER

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Remove the source of ground or surface water contamination.

2.8.3 SOIL VAPOR

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

3.0 DESCRIPTION OF REMEDIAL ACTION PLAN

3.1 Evaluation of Remedial Alternatives

The goal of the remedy selection process is to select a remedy that is protective of human health and the environment taking into consideration the current, intended, and reasonably anticipated future use of the property. Each remedial alternative is evaluated based on the factors listed below:

- Protection of human health and the environment.
- Compliance with SCGs.
- Short-term effectiveness and impacts.
- Long-term effectiveness and permanence.
- Reduction of toxicity, mobility, or volume of contaminated material.
- Implementability.
- Cost effectiveness.
- Community Acceptance.
- Green and Sustainable Remediation (including climate resiliency).
- Land use.

3.1.1 ALTERNATIVE 1: TRACK 1 UNRESTRICTED USE CLEANUP

The Track 1 Unrestricted Use alternative involves removal of all on-site soils exceeding UUSCOs, proper off-site disposal, and backfill with certified clean imported material meeting UUSCOs that satisfies the requirements of DER-10 subdivision 5.4(e). COCs in soil to be removed include VOCs, SVOCs and metals.

Confirmation endpoint samples will be used to determine the vertical and horizontal limits of the excavation. If endpoint and/or sidewall samples exceed UUSCOs, then further excavation will be completed, both horizontally and vertically, until end-point samples meet the UUSCOs. Based on available soil sampling data, it is anticipated that the entire Site area will be excavated to a minimum depth of 3 ft bgs, and in areas where needed to meet UUSCOs will be excavated to greater depths (up to 13 ft. bgs.) as shown on Figure 9. The total anticipated excavation volume is approximately 4,000 CY.

If warranted following implementation of the selected remedy, contingent groundwater injections may be applied to address remaining groundwater contaminant concentrations attributable to source area soil at the Site.

- **Protection of Human Health and the Environment:** Satisfied, as all contaminated soil and soil vapor source soils would be removed from the Site.

- **Compliance with SCGs:** Satisfied, as all contamination would be removed and all RAOs would be achieved.
- **Short-Term Effectiveness and Impacts:** This Alternative would be effective in the short term, as all RAOs would be achieved as part of the redevelopment work. There is still a risk of short-term impacts to Site workers and the community, as the process of excavating contaminated soil may cause the release of dust and organic vapors. This risk will be controlled by employing health and safety procedures, and dust and/or odor control protocols throughout remediation and construction.
- **Long-Term Effectiveness and Permanence:** Satisfied, as potential exposure pathways identified in the QHHEA would no longer remain and RAOs would be achieved without the use of long-term ICs or ECs.
- **Reduction of Toxicity, Mobility, or Volume of Contaminated Material:** This Alternative removes all the contaminated soil and historic fill at the Site, therefore the toxicity, mobility, and the volume of contaminants would be greatly reduced.
- **Implementability:** Satisfied, as the equipment and personnel needed to perform the proposed RAs are readily available.
- **Cost Effectiveness:** This Alternative is cost-effective, as it will require slightly more construction however, this is offset by no design, installation, maintenance costs for operating the soil vapor mitigation engineering controls (ECs) than the other alternatives.
- **Green and Sustainable Remediation (including climate resiliency):** Satisfied, as this alternative would be the least energy-intensive alternative in perpetuity.
- **Community Acceptance:** Satisfied, as this alternative would result in the cleanup of the Site.
- **Land Use:** Satisfied, as this Alternative would result in the cleanup of the Site for Unrestricted Use.

3.1.2 ALTERNATIVE 2: CONDITIONAL TRACK 1 UNRESTRICTED USE CLEANUP

The Conditional Track 1 Unrestricted Use alternative involves removal of all on-site soils exceeding UUSCOs, proper off-site disposal, and backfill with certified clean imported material meeting UUSCOs that satisfies the requirements of DER-10 subdivision 5.4(e). COCs in soil to be removed include VOCs, SVOCs and metals.

Confirmation endpoint samples will be used to determine the vertical and horizontal limits of the excavation. If endpoint and/or sidewall samples exceed UUSCOs, then further excavation will be completed, both horizontally and vertically, until end-point samples meet the UUSCOs.

Based on available soil sampling data, it is anticipated that the entire Site area will be excavated to a minimum depth of 3 ft bgs, and in areas where needed soil will be excavated to greater depths (up to 13 ft. bgs.) as shown on Figure 9. The total anticipated excavation volume is approximately 4,000 CY.

If warranted following implementation of the selected remedy, contingent groundwater injections may be applied to address remaining groundwater contaminant concentrations attributable to source area soil at the Site.

Sub-slab conditions beneath the building indicate the potential for SVI to impact the indoor air. A passive SSDS with the ability to convert to an active SSDS would be installed as part of building construction below grade throughout the full building footprint. Additionally, an active Vapor Mitigation System (VMS) will be installed along the north border of the Site to prevent off-site migration of contaminated soil vapor. Ten vapor monitoring points will be installed just below the bottom of the concrete slab, with an approximate total depth of 1-foot below the top of concrete slab, distributed evenly across the building footprint to provide sufficient coverage to monitor the vacuum, performance, and effectiveness of the SSDS/VMS.

Furthermore, following building construction, an SVI assessment of the entire building's footprint will be completed to determine whether impacts to soil vapor remain and the potential for SVI exists. If the results of this assessment indicate that the potential for SVI exists, then the SSDS would be activated via a powered blower fan adequately sized to apply sufficient vacuum below the entire building foundation slab footprint. After this is complete, post mitigation sampling will be conducted to demonstrate that the SSDS/VMS system are effective at preventing SVI in the building. An SSDS/VMS system would be implemented as an engineering control to actively capture impacted soil vapor below the building foundation slabs and to prevent SVI from migrating off-site. The SSDS/VMS system would operate until concentrations of COCs in soil vapor no longer warrant mitigation. The SSDS/VMS will be designed and modified during its operation as needed to achieve NYSDOH mitigation goals within 5 years of activation. Operation of the SSDS/VMS would not be ceased without approval by NYSDEC and NYSDOH.

If RAOs are obtained within five years of the start of operation of the SSD/VMS system and subsequently approval for its cessation is granted by NYSDEC and NYSDOH, then the SSD/VMS system will meet the criteria for short-term employment of ECs per 6 NYCRR 375-3.8(e)(1)(iv), which is allowed for a Track 1 Unrestricted Use cleanup. If the SSD/VMS system continues to operate more than 5 years from the start of operation, then Remedial Alternative 2 will convert to a Track 2 Restricted Residential Use Cleanup as set forth in Alternative 3, below.

- **Protection of Human Health and the Environment:** Satisfied, as all contaminated soil and soil vapor would be removed from the Site.
- **Compliance with SCGs:** Satisfied, as all contamination would be removed and all RAOs would be achieved.

- **Short-Term Effectiveness and Impacts:** This Alternative would be effective in the short term, as all RAOs would be achieved as part of the redevelopment work. There is, however, a risk of short-term impacts to Site workers and the community, as the process of excavating contaminated soil may cause the release of dust and organic vapors. his risk will be controlled by employing health and safety procedures, and dust and/or odor control protocols throughout remediation and construction.
- **Long-Term Effectiveness and Permanence:** Satisfied, as potential exposure pathways identified in the QHHEA would no longer remain and RAOs would be achieved without the use of long-term ICs or ECs.
- **Reduction of Toxicity, Mobility, or Volume of Contaminated Material:** This Alternative removes all the contaminated soil and historic fill at the Site and treats groundwater in situ, therefore the toxicity, mobility, and the volume of contaminants would be greatly reduced.
- **Implementability:** Satisfied, all RAOs would be achieved as part of the redevelopment work, and the equipment and personnel needed to perform the proposed RAs are readily available.
- **Cost Effectiveness:** This Alternative is the less cost-effective, as it will require significantly more excavation and support of excavation (SOE) than the Alternative 3, plus additional costs for design, installation and maintenance for operating the soil vapor mitigation ECs.
- **Green and Sustainable Remediation (including climate resiliency):** Potentially satisfied, as this alternative would be energy-intensive in perpetuity, but would result in the highest-level environmental cleanup at the Site.
- **Community Acceptance:** Satisfied, as this alternative would result in the cleanup of the Site so redevelopment can occur.
- **Land Use:** Satisfied, as this Alternative would result in the cleanup of the Site for Unrestricted Use.

3.1.3 ALTERNATIVE 3: TRACK 2 RESTRICTED RESIDENTIAL CLEANUP

The Track 2 Restricted Residential alternative involves removal of all on-site soils exceeding RRUSCOs, proper off-site disposal, and backfill with certified clean imported material meeting RRSCOs that satisfies the requirements of DER-10 subdivision 5.4(e). COCs in soil to be removed include SVOCs and metals.

Confirmation endpoint samples will be used to determine the vertical and horizontal limits of the excavation. If endpoint and/or sidewall samples exceed RRUSCOs, then further excavation will be completed, both horizontally and vertically, until end-point samples meet the RRUSCOs.

Based on available soil sampling data, to achieve Track 2 RRUSCOs the entire Site area will need be excavated to a minimum depth of 3 ft bgs, which is the required depth for redevelopment. The total anticipated excavation volume for this alternative is approximately 4,000 CY.

If warranted following implementation of the selected remedy, contingent groundwater injections may be applied to address remaining groundwater contaminant concentrations attributable to source area soil at the Site.

SSDS piping would be installed as part of building construction below grade throughout the full building footprint. Sub-slab conditions beneath the entire building indicate the potential for SVI to impact the indoor air. Additionally, a VMS system will be installed along the north border of the Site to prevent off-site migration of contaminated soil vapor. Ten vapor monitoring points will be installed just below the bottom of the concrete slab, with an approximate total depth of 1-foot below the top of concrete slab, distributed evenly across the building footprint to provide sufficient coverage to monitor the vacuum, performance, and effectiveness of the SSDS/VMS.

Furthermore, following building construction, an SVI assessment of the entire building's footprint will be completed to determine whether impacts to soil vapor remain and the potential for SVI exists. If the results of this assessment indicate that the potential for SVI exists, then the SSDS would be activated via a powered blower fan adequately sized to apply sufficient vacuum below the building foundation slabs. After this is complete, post mitigation sampling will be conducted to demonstrate that the SSDS/VMS system (if necessary) are effective at preventing SVI in the building. An SSDS/VMS system would be implemented as an engineering control to actively capture impacted soil vapor below the building slabs, thereby preventing SVI into on and off-site building and removing COCs from the subsurface. The SSDS/VMS system would operate until concentrations of COCs in soil vapor no longer warrant mitigation, which is expected to be within 5 years of construction. Operation of the SSDS/VMS would not be ceased without approval by NYSDEC and NYSDOH.

If RAOs are obtained within 5 years of the start of operation of the SSD/VMS system and subsequently approval for its cessation is granted by NYSDEC and NYSDOH, then the SSDS/VMS system will meet the criteria for short-term employment of ECs per 6 NYCRR 375-3.8(e)(1)(iv), which is allowed for a Track 1 Unrestricted Use cleanup. If the SSD/VMS system continues to operate more than 5 years from the start of operation and the Track 1 RAO applicable to soil is not achieved, then Remedial Alternative 1 will convert to a Track 2 Restricted Residential Use Cleanup.

- **Protection of Human Health and the Environment:** Satisfied, as all contaminated soil and soil vapor would be removed from the Site.
- **Compliance with SCGs:** Satisfied, as all contamination would be removed and all RAOs would be achieved.
- **Short-Term Effectiveness and Impacts:** This Alternative would be effective in the short term, as all RAOs would be achieved as part of the redevelopment work. There is,

however, a risk of short-term impacts to Site workers and the community, as the process of excavating contaminated soil may cause the release of dust and organic vapors. This risk will be controlled by employing health and safety procedures, and dust and/or odor control protocols throughout remediation and construction.

- **Long-Term Effectiveness and Permanence:** Satisfied, as potential exposure pathways identified in the QHHEA would no longer remain and RAOs would be achieved without the use of long-term ICs or ECs.
- **Reduction of Toxicity, Mobility, or Volume of Contaminated Material:** This Alternative removes all the contaminated soil and historic fill at the Site and treats groundwater in situ, therefore the toxicity, mobility, and the volume of contaminants would be greatly reduced.
- **Implementability:** Satisfied, all RAOs would be achieved as part of the redevelopment work, and the equipment and personnel needed to perform the proposed RAs are readily available.
- **Cost Effectiveness:** Possibly Satisfied, as this Alternative would require less up-front costs in connection with soil disposal but will require significantly more costs related to engineering control design and implementation in perpetuity than the other alternatives.
- **Green and Sustainable Remediation (including climate resiliency):** Satisfied, as this alternative would be the most environmentally sustainable alternative because it would not require further the least amount of excavation, backfill, trucking, or energy consumption relative to other alternatives.
- **Community Acceptance:** Satisfied, as this alternative would result in the cleanup of the Site so redevelopment can occur.
- **Land Use:** Satisfied, as this Alternative would result in the cleanup of the Site for Unrestricted Use.

3.2 Selection of the Preferred Remedy

Alternative 2 (Conditional Track 1) is selected as the preferred remedy. Alternative 1 and Alternative 3 would achieve RAOs at lower cost but would rely on long-term ICs and ECs to manage residual contamination. Alternative 2 is a permanent solution requiring no long-term ICs or ECs and is feasible from a redevelopment standpoint. The following land use factor evaluation examines whether Alternative 2 is acceptable based on the following criteria (below) as required by Article 27, Title 14 of the ECL 27-1415.

3.2.1 ZONING

The site is located in an R7X residential district, with a C2-4 commercial overlay. The established zoning for the Site and the surrounding area is compatible with the selected remedy.

3.2.2 APPLICABLE COMPREHENSIVE COMMUNITY MASTER PLANS OR LAND USE PLANS

There are no applicable comprehensive community master plans or land use plans.

3.2.3 SURROUNDING PROPERTY USES

Surrounding properties are used primarily for commercial and residential uses. The preferred remedy will not impact these properties.

3.2.4 CITIZEN PARTICIPATION

A Citizen Participation Plan (CPP) is attached as Appendix E.

3.2.5 ENVIRONMENTAL JUSTICE

The Site is located within a Potential Environmental Justice Area. The Applicant is committed to informing and involving the public during the investigation, remediation and redevelopment of the project Site. The objective of the CPP is to promote communication and to assist the public in understanding the project process. Citizen participation in the project process provides the Applicant and the NYSDEC with an opportunity to obtain public input as part of the comprehensive redevelopment process.

3.2.6 PROXIMITY TO NATURAL RESOURCES

No other natural resources are located within one mile of the Site.

3.2.7 OFF-SITE GROUNDWATER IMPACTS

There are no known offsite groundwater impacts.

3.2.8 PROXIMITY TO FLOODPLAINS

The Site lies within a Federal Emergency Management Agency (FEMA) Zone X Area of Minimal Flood Hazard.

3.2.9 CURRENT INSTITUTIONAL CONTROLS

There are no known institutional controls (ICs) currently in place at the Site.

3.3 Summary of Selected Remedial Actions

A Conditional Track 1 cleanup is proposed consisting of the following remedial components:

1. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:

   - Considering the environmental impacts of treatment technologies and remedy stewardship over the long term.
   - Reducing direct and indirect greenhouse gases (GHGs) and other emissions.
   - Increasing energy efficiency and minimizing use of non-renewable energy.
   - Conserving and efficiently managing resources and materials.
   - Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste.
   - Maximizing habitat value and creating habitat when possible.
   - Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals.
   - Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.
   - Additionally, to incorporate green remediation principles and techniques to the extent feasible in the future development at this site, any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

   For this criterion, preference is given to alternatives that have the potential to remediate the Site with the lowest potential negative environmental impact, such as CO_2 emissions. This criterion also considers the resilience of alternatives to potential climate change effects such as sustained changes in average temperatures, increased heavy precipitation events, and increased coastal flooding. A detailed analysis can be found as Appendix F. Alternative 1, would have a lower environmental impact than Alternative 2, while still meeting RAOs in a cost-feasible manner. According to the Spreadsheets for Environmental Footprint Analysis (SEFA), the estimated GHGs associated with Alternative 2 is approximately 288.7 tons CO_2 compared to 247.3 tons CO_2 for Alternative 1, and 209.8 tons CO_2 for Alternative 3. Additionally, the total energy used (both on- and off-site) for Alternative 2 is 3,630.7 Metric Million British Thermal Units (MMBtus), compared to 3,084 MMBtus for Alternative 1, and 2,649.7 MMBtus for Alternative 3.

   Additionally, a climate change screening was performed for this alternative. Based upon the results of the climate screening checklist, a climate vulnerability assessment was not required for this Site, as further discussed below.

   According to FEMA flood mapping, the Site is located in Zone X, an area of minimal flood hazard. A search was performed of the FEMA Resilience Analyses and Planning Tool (RAPT) and no additional climate related hazards, including those

for extreme precipitation or storm severity were noted for the Site. Additionally, the Site is not located on or adjacent to a body of water. As such, future climate related flooding, sea level rise, or storm surge are not anticipated to impact the remedy.

The Site is located in a densely developed urban area of New York City; wildfires and landslides are not expected to impact the remedy. Because the remedy does not include any water usage and the Site is currently serviced by the municipal water system, future droughts are not expected to impact the remedy.

Elements of the remedy are either water-resistant or located in the interior of the new building, so that increased precipitation or storm events are not expected to have an impact on the remedy. However, telemetry is incorporated into the Active SSDS/VMS design to provide operators immediate notifications of system downtime and other issues, which may result from climate-related outages. The climate screening checklist is included as Appendix G.

2. Demolition of the existing building and associated asbestos and lead-based paint abatement.
3. Excavation of soil/fill exceeding Track 1 SCOs listed in Table 1.
4. Installation and maintenance of an SSDS beneath the building foundation slab to address potential SVI.
5. Installation and maintenance of an VMS system beneath the building foundation slab to address potential SVI.
6. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during any intrusive Site work.
7. Collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of Track 1 SCOs.
8. Appropriate off-site disposal of all material removed from the Site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal.
9. Import of materials to be used for backfill and cover in compliance with: (1) chemical limits and other specifications included in Table 1, (2) all Federal, State and local rules and regulations for handling and transport of material.
10. Construction of a concrete building slab to prevent human exposure to residual contaminated soil vapor remaining under the Site.
11. Recording of an Environmental Easement, including ICs, to prevent future exposure to any residual contamination remaining at the Site (a copy of the Environmental Easement will be provided in the SMP).
12. Publication of a Site Management Plan (SMP) for short-term management of residual contamination as required by the Environmental Easement, including plans for: (1) Institutional and ECs, (2) monitoring, (3) operation and maintenance and (4) reporting, if warranted.

13. All responsibilities associated with the Remedial Action, including permitting requirements and pretreatment requirements, will be addressed in accordance with all applicable Federal, State and local rules and regulations.

Remedial activities will be performed at the Site in accordance with this NYSDEC-approved RAWP and the NYSDEC-issued Decision Document. All deviations from the RAWP and/or Decision Document will be promptly reported to NYSDEC for approval and fully explained in the FER.

4.0 REMEDIAL ACTION PROGRAM

4.1 Governing Documents

4.1.1 STANDARDS, CRITERIA AND GUIDANCE (SCGS)

The following standards, criteria, and guidance are typically applicable to Remedial Action projects in New York State, and will be consulted and adhered to as applicable:

- 6 NYCRR Part 364 - NYS Waste Transporter Permits
- 6 NYCRR Part 360 - NYS Solid Waste Management Requirements
- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities
- 6 NYCRR Subpart 374-2 - Standards for the Management of Used Oil
- 6 NYCRR Part 375 - Environmental Remediation Programs
- 6 NYCRR Part 376 - Land Disposal Restrictions
- 6 NYCRR Part 613 - Petroleum Bulk Storage
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands - Permit Requirements
- 6 NYCRR Parts 700-706 – Classes and Standards of Quality and Purity
- 6 NYCRR Part 750 - State Pollutant Discharge Elimination System (SPDES) Permits
- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 - Underground Injection Control Program
- CP-43 - Commissioner Policy on Groundwater Monitoring Well Decommissioning (December 2009)
- CP-49 – Climate Change and DEC Action (2022)
- CP-51- Soil Cleanup Guidance (2010)
- CP-60 – Screening and Assessment of Contaminated Sediment (2014)
- DER-2 - Making Changes to Selected Remedies (April 2008)
- DER-4 – Management of Coal Tar Waste & Coal Tar Contaminated Soils from Manufactured Gas Plants (2001)
- DER-10 – Technical Guidance for Site Investigation and Remediation (2010)
- DER-13 – Strategy for Evaluating SVI at Remedial Sites in New York (2006)

- DER-23 – Citizen Participation Handbook for Remedial Programs (2010)
- DER-31 – Green Remediation (2010)
- DER-32 – BCP Applications and Agreements (2017)
- DER-33 – Guide to Drafting and Recording ICs (2010)
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- TOGS 1.1.1 - AWQS & Guidance Values and Groundwater Effluent Limitations (1998, Addenda 2000, 2004 and 2023)
- TOGS 1.3.8 - New Discharges to Publicly Owned Treatment Works (1994)
- TOGS 2.1.2 - Underground Injection/Recirculation (UIR) at Groundwater Remediation Sites (1990)
- New York State Standards and Specifications for Erosion and Sediment Control (ESC) (2016)
- DAR-1 (formerly Air Guide 1) - Guidelines for the Control of Toxic Ambient Air Contaminants (1997)
- U.S. EPA OSWER Directive 9200.4-17 - Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and UST Sites (December 1997)
- NYSDOH Generic CAMP
- NYSDOH Guidance for Evaluating SVI in the State of New York (2006)
- New York State Climate Act (2019)
- NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (2023)

4.1.1.1 GREEN AND SUSTAINABLE REMEDIATION AND CLIMATE RESILIENCY

As discussed in Section 3.3, the selected alternative has the highest impact on the environment, if operated for a full 5 years.

However, the Conditional Track 1 remedy allows the Applicants to petition NYSDEC and NYSDOH to terminate the remediation systems on-site after a period of 5 years. If it is determined by NYSDEC and NYSDOH that the remediation systems can be terminated after five years instead of operating in perpetuity, this will further lower the environmental impact of the remedy.

4.1.2 SITE SPECIFIC HEALTH AND SAFETY PLAN (HASP)

All remedial work performed under this plan will be in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

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

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

The Site Safety Coordinator will be Leif Robertson. A resume will be provided to NYSDEC prior to the start of remedial construction.

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

4.1.3 QUALITY ASSURANCE PROJECT PLAN (QAPP)

The QAPP is included as an Appendix to the NYSDEC-approved January 2024 RIWP. All sampling and QA/QC methodologies will be conducted in accordance with the QAPP.

4.1.4 CONSTRUCTION QUALITY ASSURANCE PLAN (CQAP)

The CQAP is included with this RAWP as Appendix H. This plan describes how the successful performance of the Remedial Action tasks will be assured through designed and documented QA/QC methodologies applied in the field and in the lab. The CQAP provides a detailed description of the observation and testing activities that will be used to monitor construction quality and confirm that remedy construction is in conformance with the remediation objectives and specifications. The CQAP includes:

- Responsibilities and authorities of the organizations and key personnel involved in the design and construction of the remedy.
- Qualifications of the quality assurance personnel that demonstrate that they possess the proper training and experience necessary to fulfill project-specific responsibilities.
- The observations and tests that will be used to monitor construction and the frequency of performance of such activities.
- The sampling activities, sample size, sample locations, frequency of testing, acceptance, and rejection criteria, and plans for implementing corrective measures as addressed in the plans and specifications.

- Requirements for project coordination meetings between the Applicant and its representatives, the Construction Manager, Excavation Contractor, remedial or environmental subcontractors, and other involved parties.
- Description of the reporting requirements for quality assurance activities including such items as daily summary reports, schedule of data submissions, inspection data sheets, problem identification and corrective measures reports, evaluation reports, acceptance reports, and final documentation.
- Description of the final documentation retention provisions.

4.1.5 SOIL/MATERIALS MANAGEMENT PLAN (SOMP)

A SOMP was prepared for the Site and is included in Section 5.4. The SOMP includes detailed plans for managing all soils/materials that are disturbed at the Site, including excavation, handling, storage, transport and disposal. The SOMP includes all of the controls that will be followed to assure effective, nuisance-free performance in compliance with all applicable Federal, State and local laws and regulations.

4.1.6 STORM-WATER POLLUTION PREVENTION PLAN (SWPPP) [OR EROSION AND SEDIMENT CONTROL PLAN (ESCP)]

The ESCs will be in conformance with requirements presented in the New York State Guidelines for Urban ESC.

Silt fence will be installed around the entire Site perimeter and soil stockpile area and inspected daily to ensure proper operation. Discharge locations will be inspected to determine whether erosion control measures are effective in preventing significant impacts to receptors. All necessary repairs shall be made immediately. Accumulated sediments will be removed as required to keep the sediment control measures check functional.

Selected ESC measures will be installed prior to ground disturbance and maintained through the duration of construction to minimize the discharge of pollutants and prevent a violation of the water quality standards in conformance with the New York Standards and Specifications for ESC (November 2016). The ESC measures to be implemented during the RA are described in Section 4.3.3.

The Site is exempt from the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity (Permit No. GP-02-01) requirement as the area disturbed on the site will be less than one acre in size.

The ESCs will be in conformance with requirements presented in the New York State Standards and Specifications for ESC.

4.1.7 COMMUNITY AIR MONITORING PLAN (CAMP)

Real-time air monitoring for particulate matter and VOCs at the perimeter of the Site will be performed. Continuous monitoring will be performed during all ground intrusive activities.

Exceedances of action levels observed during performance of the CAMP will be reported to the NYSDEC Project Manager and included in the Daily Report. CAMP standard operating procedures listed in DER-10 are included as Appendix I.

4.1.8 CONTRACTORS SITE OPERATIONS PLAN (SOP)

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

4.1.9 CITIZEN PARTICIPATION PLAN

A certification of mailing will be sent by the Applicants to the NYSDEC project manager following the distribution of all Fact Sheets and notices that includes: (1) certification that the Fact Sheets were mailed, (2) the date they were mailed; (3) a copy of the Fact Sheet, (4) a list of recipients (contact list); and (5) a statement that the repository is anticipated to be approved by NYSDEC sometime before August 30, 2025, and that it contained all applicable project documents.

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

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

Document repositories have been established at the following locations and contain all applicable project documents:

The New York Public Library – Morrisania Branch
610 East 169th Street, Bronx, New York 10456
(718) 589-9268

Bronx Community Board 4
1650 Selwyn Avenue, Suite 11A, Bronx, New York 14057
(718) 299-0800

In addition, an electronic repository can be accessed via DECInfo Locator at the following link:

https://extapps.dec.ny.gov/data/DecDocs/C203167/

4.2 General Remedial Construction Information

4.2.1 PROJECT ORGANIZATION

The Applicants are providing oversight of Site activities associated with completion of the redevelopment. The Contractor to complete RA and redevelopment work is to be determined. GEI is the environmental consultant and remedial engineer for the Applicants. GEI will coordinate and manage, in conjunction with the Applicants and/or their designee, the site sampling and analysis program, material testing, data reduction, QA/QC, data validation, analysis, and reporting. GEI will direct all sampling activities and coordinate laboratory and remediation activities.

Resumes of key personnel involved in the Remedial Action are included in Appendix J.

4.2.2 REMEDIAL ENGINEER

The Remedial Engineer for this project will be Gary Rozmus, P.E. The Remedial Engineer is a registered professional engineer licensed by the State of New York. The Remedial Engineer will have primary direct responsibility for implementation of the remedial program for the 1099 Webster Ave Redevelopment Site (BCA Index No. C203167-09-23 and NYSDEC Site Number C203167). The Remedial Engineer will certify in the Final Engineering Report that the remedial activities were observed by qualified environmental professionals under [his/her] supervision and that the remediation requirements set forth in the RAWP and any other relevant provisions of ECL 27-1419 have been achieved in full conformance with that Plan. Other Remedial Engineer certification requirements are listed later in this RAWP.

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

The Remedial Engineer will review all pre-remedial plans submitted by contractors for compliance with this RAWP and will certify compliance in the FER.

The Remedial Engineer will provide the certifications listed in Section 10.1 in the FER.

4.2.3 REMEDIAL ACTION CONSTRUCTION SCHEDULE

The remedial work will be performed in accordance with the construction schedule presented in Section 12.0.

4.2.4 WORK HOURS

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

4.2.5 SITE SECURITY

The remediation contractor will be responsible for the overall security at the Site. Security for the work, equipment, materials, supplies, facilities, personnel, and incidentals will be provided throughout the performance of the work at the Site. The Site will be surrounded by perimeter fencing in accordance with the construction and building code requirements. The fences and gates will be closed and locked when there is no activity on the Site and any breaks or gaps will be repaired immediately. Temporary fencing will supplement the perimeter fencing to delineate and secure the area of ongoing remediation activities within the Site such as soil stockpiles and health and safety exclusion zones.

4.2.6 TRAFFIC CONTROL

The Remediation Contractor/General Contractor will be responsible for providing all necessary personnel and materials (i.e., traffic lanes, safety cones) to control traffic entering and exiting the Site and for coordinating traffic control measures, as necessary. The route will be selected based on the existing access roads and an effort to limit transportation of work vehicles through neighboring residential and commercial areas and may be modified based on input from the community prior to the start of construction.

4.2.7 CONTINGENCY PLAN

Though every effort will be made to prevent an unauthorized release, there is the potential for such an event to occur during completion of the RA. The following is a contingency plan for the containment and cleanup of hazardous waste if a release occurs. If a hazardous waste spill or material release occurs, if safe, the Site Safety Officer (SSO), as identified in the CHASP, or their representative will immediately assess the magnitude and potential seriousness of the spill or release based on the following:

- Safety Data Sheets (SDS) for the material spilled or released.
- Source of the release or spillage of hazardous material.
- An estimate of the quantity released and the rate at which it is being released.
- The direction in which the spill or air release is moving.
- Personnel who may be or may have been in contact with the material, or air release, and possible injury or sickness as a result.
- Potential for fire and/or explosion resulting from the situation.

- Estimates of area under influence of release.

If the spill or release is determined to be within the on-site emergency response capabilities, the SSO will verify implementation of the necessary RA. If the release is beyond the capabilities of the Site personnel, personnel will be evacuated from the immediate area and the local fire department will be contacted. The SSO will notify the Project Manager and the Safety Team.

All small hazardous spills/environmental releases shall be contained as close to the source as possible. Whenever possible, the SDSs will be consulted to assist in determining the best means of containment and cleanup. For small spills, absorbent materials such as sand, sawdust, or commercial sorbents should be placed directly on the substance to contain the spill and aid recovery. Any acid or caustic spills should be diluted or neutralized carefully prior to attempting recovery. Berms of earthen or sorbent materials can be used to contain the leading edge of the spills. Drains or drainage areas shall be blocked. All spill-containment materials will be properly disposed. An exclusion zone of 50 to 100 ft around the spill area should be established depending on the size and type of the spill.

Refueling of sampling equipment will be done with National Fire Protection Association-approved safety cans and by approved United States Coast Guard (USCG) refueling methods. Fuel will be stored in containers meeting applicable fuel storage safety regulations. Refueling of any equipment will take place off Site. Fuel will not be stored on-site. Fuel present on-site will be contained in the fuel tanks of the vehicles or equipment required to perform the work tasks previously described.

The Emergency Coordinator should take the following steps:

1. Determine the nature, identity, and amounts of major spill components.
2. Make sure all unnecessary persons are removed from the spill area.
3. Notify appropriate response teams and authorities.
4. Use proper personal protective equipment (PPE) in consultation with the SSO and information provided on the SDS for the spilled material.
5. If a flammable liquid, gas, or vapor is involved, remove all ignition sources and use non-sparking and/or explosive proof equipment to contain or clean up the spill (diesel only vehicles, air operated pumps, etc.).
6. If possible, try to stop the leak with appropriate material.
7. Remove all surrounding materials that can react or compound with the spill.
8. Notify the Client Project Manager immediately.

4.2.8 WORKER TRAINING AND MONITORING

All those who enter the work area while intrusive activities are being performed must recognize and understand the potential hazards to health and safety.

Construction personnel will be responsible for identifying potential hazards in the work zone. The project manager will be responsible for ensuring that the training is conducted. Others who enter the Site must be accompanied by a suitably trained construction worker. In addition, any Site workers within the "work zone" will have received the OSHA 40-hour HAZWOPER training and will be under a medical monitoring program.

4.2.9 AGENCY APPROVALS

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

The planned end use for the Site is in conformance with the current zoning for the property as determined by New York City Department of City Planning. A Certificate of Completion will not be issued for the project unless conformance with zoning designation is demonstrated.

A complete list of all federal, state and local governmental permits, certificates or other approvals or authorizations required to perform the remedial and development work will be provided in the FER. This list includes a citation of the law, statute or code to be complied with, the originating agency, and a contact name and phone number in that agency. This list will be updated in the FER.

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

4.2.10 NYSDEC BCP SIGNAGE

A project sign will be erected at the main entrance to the Site prior to the start of any remedial activities. The sign will indicate that the project is being performed under the New York State BCP.

4.2.11 PRE-CONSTRUCTION MEETING WITH NYSDEC

A pre-construction call or meeting with the NYSDEC will be scheduled prior to the start of major construction activities.

4.2.12 EMERGENCY CONTACT INFORMATION

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

4.2.13 REMEDIAL ACTION COSTS

The total estimated cost of the Remedial Action is $1,597,200 for Alternative 2. An itemized and detailed summary of estimated costs for all remedial activity is attached as Tables 5 to 7. This will be revised based on actual costs and submitted as an Appendix to the FER.

4.3 Site Preparation

Prior to conducting any intrusive activities for Site remediation, the work zone(s), designated entry points, soil stockpile staging areas, decontamination zones, and truck routes will be established, as applicable. The Site plan will be updated as necessary to reflect any changes in operations during the intrusive work. Dust control measures will be implemented during site preparation, as necessary. Additional details of Site preparation activities are provided in the following sections. The CHASP for the RA work at the Site is included in Appendix K. The preparatory tasks are described in more detail below.

4.3.1 MOBILIZATION

Prior to commencing the remediation construction activities, the Remediation and General Contractor will setup temporary support facilities (i.e., electrical power, water, telephone service, security, etc.) as needed and the following mobilization and Site preparation activities:

- Identification and markout of all aboveground and underground utilities.
- De-energizing, turning off and disconnecting existing subsurface utility services known to be present in the work area (e.g., water, gas, electric, and sewer).
- Mobilization of remediation equipment and materials.
- Traffic control measures.
- Work zone demarcation.
- Installation of erosion control devices in accordance with Section 4.3.2.
- Installation of temporary perimeter air monitoring system.
- Removal of concrete at or below the surface of the Site.
- Installation of temporary facilities.
- Installation of decontamination facilities.

4.3.2 MONITORING WELL / VAPOR PROBE DECOMMISSIONING

Existing groundwater monitoring wells will either be protected during remediation and development for use in post-remedial monitoring or will be properly decommissioned in accordance with NYSDEC Commissioners Policy CP-43. The only exception to this is if the full length of the well is to be excavated during remediation.

Similarly, existing soil vapor probes will be properly decommissioned unless they are to be fully removed during remediation or used for post-remedial monitoring.

4.3.3 EROSION AND SEDIMENTATION CONTROLS

ESC measures for management of storm water will be installed in accordance with the New York Guidelines for Urban ESC. The existing stormwater catch basins at the Site are to be removed during the remedial action, and a new stormwater conveyance system will be constructed as part of the redevelopment.

The following measures will be implemented during the RA:

- Stabilized construction entrance at the Site entrance/exit from Webster Avenue.
- Exclusive use of the stabilized construction entrance as the only entrance/exit for the construction site.
- Silt fence around entire Site perimeter.
- Silt fence around soil stockpile area.
- Stockpiles will be stabilized, leveled, and protected from wind and runoff erosion with plastic covers and protected with haybales and silt fence.
- Inlet protection filters on newly constructed stormwater conveyance catch basins immediately following the inlet becoming functional.
- Following completion of construction, permanently stabilize landscaping areas and any other remaining disturbed areas with seeding and mulch.

4.3.4 STABILIZED CONSTRUCTION ENTRANCE(S)

A crushed stone path will be constructed by the remediation contractor at all truck entrances for the Site. All trucks will drive over this path prior to leaving to contain Site soils and eliminate migration of soils onto roadways via truck tires to the extent practicable. Continuity between the truck wash and the stone-based egress path will be used so that trucks do not get re-contaminated prior to departure from the Site. A truck wash will be implemented including dry brushing of trucks and/or hosing of trucks/tires (as needed) prior to leaving the Site with runoff contained on the Site.

4.3.5 UTILITY MARKER AND EASEMENTS LAYOUT

The Applicants and their contractors are solely responsible for the identification of utilities that might be affected by work under the RAWP and implementation of all required, appropriate, or necessary health and safety measures during performance of work under this RAWP. The Applicants and their contractors are solely responsible for safe execution of all invasive and other work performed under this RAWP. The Applicants and their contractors must obtain any local, State or Federal permits or approvals pertinent to such work that may be

required to perform work under this RAWP. Approval of this RAWP by NYSDEC does not constitute satisfaction of these requirements.

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

4.3.6 SHEETING AND SHORING

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

4.3.7 EQUIPMENT AND MATERIAL STAGING

Staging and storage of equipment and materials will be contained within the secured Site. By the nature of the work involved in this project, equipment and materials will be moved to different areas within the secured Site as work progresses.

4.3.8 DECONTAMINATION AREA

The Decontamination Plan is an aspect of the Construction Control Measures, which is detailed in Section 6.0 of the CQAP (Appendix H).

Decontamination wastewater and used cleaning fluids will be collected and disposed of in accordance with applicable state and federal regulations.

4.3.9 SITE FENCING

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

4.3.10 DEMOBILIZATION

In conjunction with the remedial activities, the Site will be prepared for the construction activities required for the development, mainly the building foundation. All temporary structures not required for the subsequent construction work will be removed. Materials used in constructing the waste staging area (e.g., plastic sheeting, haybales) will be removed and

disposed properly. Any soil underlying the plastic sheeting in the waste staging area will be inspected for any visual staining or evidence of waste materials. Any impacts to the soil in this area will be removed and disposed as well. All equipment will be decontaminated prior to leaving the Site.

All equipment not required for the superstructure construction activities (i.e., excavators, temporary dewatering facilities, etc.) will be decontaminated prior to leaving the Site. Prior to initiating Site restoration activities, all construction related equipment not necessary for Site restoration will be removed and will be decontaminated prior to leaving the Site.

Required ESCs will remain in place until the building foundation and Site restoration is complete (i.e., concrete sidewalks, permeable pavers, landscaped areas, etc.).

4.4 Reporting

All daily and monthly Reports, as described below, will be included in the FER. The following sections provide a summary of reports that will be prepared and maintained throughout implementation of the RAWP.

4.4.1 DAILY REPORTS

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

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

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

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

A Site map that shows a predefined alpha-numeric grid for use in identifying locations described in reports submitted to NYSDEC is attached in Figure 10.

The NYSDEC assigned project number will appear on all reports.

4.4.2 MONTHLY REPORTS

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

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

4.4.3 OTHER REPORTING

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

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

The Climate Screening process and results will be documented in the form of a completed checklist and brief letter report. If the Climate Screening results indicate that a climate vulnerability assessment (CVA) is necessary, a complete CVA Report will be developed. The CVA Report will be included as an Appendix or Attachment in relevant documents and/or submitted as a standalone report.

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

4.4.4 COMPLAINT MANAGEMENT PLAN

Any complaints received from the public regarding nuisances or other Site conditions will be communicated within 24-hours to NYSDEC and NYSDOH, investigated and remedied, if required.

4.4.5 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

Any required deviations from this RAWP will be discussed by the Applicants' representatives with the NYSDEC. At that time, the reasons for necessary deviations from the approved RAWP will be explained and the effect of the required deviations on the overall remedy will be evaluated. If the deviation is deemed to be a significant change to the RAWP by the NYSDEC, a description and reasons for the proposed change will be emailed to the NYSDEC Project Manager for review and written approval. All deviations from the RAWP will be fully documented in the FER.

5.0 REMEDIAL ACTION: MATERIAL REMOVAL FROM SITE

The Site will be excavated approximately between 3 to 13 ft. bgs. Approximately 4,000 cubic yards of material will be excavated and disposed off-site. The excavation plan is depicted on Figure 9. The excavation will be conducted in a manner that protects the integrity of the adjacent structures. Soil excavation will generally be conducted using traditional excavation equipment. If any underground utilities or other subsurface piping are encountered, the excavation will be performed by hand as required to safely expose and support the utilities.

During the excavation activities, any existing subsurface structures will be demolished and removed when encountered to the extent required to remove grossly contaminated soil. The debris will be managed as discussed in Section 5.4. Subsurface obstructions/conditions that may be encountered include concrete, brick, former piping, former bulkhead cribbing, and large pieces of demolition debris. This material, if encountered, will be managed as described below and disposed of in accordance with all federal, state, and local regulations. If encountered within the excavation area, these materials will be cut or broken into lengths or pieces suitable for off-site disposal in accordance with approved disposal facility requirements. If this type of debris is not visually impacted, it will be disposed of as construction and demolition debris (C&D) at an approved licensed C&D disposal facility. If the debris is visually impacted, it will be either decontaminated (if possible) and managed as non-impacted C&D or sampled for waste characterization purposes and disposed of at an appropriate approved facility. As described above, below grade USTs encased in concrete were identified in the current Interior Parking Area. Based upon the 2018 Phase II ESA, at least five other USTs are likely to be present in this area, which will be properly removed as part of the remedial action.

Following excavation, end-point soil samples will be collected in accordance with the remedial performance evaluation described in Section 5.2.1. This RAWP includes a Construction Quality Assurance Plan (Appendix H) describing the proposed sampling and analytical methods associated with end-point sampling.

Excavated material slated for off-site disposal will be disposed in accordance with the Soil and Materials Management Plan described in Section 5.4. All trucks removing material from the Site will be loaded on-site and properly decontaminated before leaving the Site.

5.1 Soil Cleanup Objectives

The SCOs for this Site are listed in Table 1 (UUSCOs).

Soil and materials management on-site and off-site will be conducted in accordance with the Soil/Materials Management Plan as described below.

Table 2 summarizes all soil samples that exceed the SCOs proposed for this Remedial Action. A spider map that shows all soil samples that exceed the SCOs proposed for this Remedial Action is shown in Figure 5.

UST closures will, at a minimum, conform to criteria defined in DER-10.

If an Unrestricted Track 1 is not attainable based upon soil contaminant levels identified during endpoint sampling, the Track 2 SCO list will be triggered as a fallback plan.

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

End-point sampling and reporting will be conducted in accordance with DER-10 and the CQAP and is discussed in the sections below.

5.2.1 ENDPOINT SAMPLING FREQUENCY

Per Section 5.4 of DER-10, endpoint excavation bottom soil samples will be collected at a frequency of one sample per 900 sf of excavation bottom. As such, a minimum of 41 bottom samples is anticipated. Per Section 5.4 of DER-10, side wall soil samples will be collected at a frequency of one sample per 30 linear feet of the excavation. As such, a minimum of 55 side wall samples is anticipated. Endpoint soil sample locations are as shown on Figure 11.

5.2.2 METHODOLOGY

Each endpoint and side wall sample will be inspected for visual evidence of contamination (i.e., staining, presence of petroleum, or odors) and field screened for VOCs using a PID. Soil samples to be submitted for analysis will be placed in a laboratory sample jar and transported to the laboratory in an iced container. Laboratory analysis will be performed by a NYSDEC-approved laboratory using the following methods:

- TCL VOCs by USEPA Method 8260C.
- TCL SVOCs by USEPA Method 8270D, including 1,4-dioxane.
- TAL Metals by USEPA Method 6020B.
- Total Cyanide by EPA Method 335.4
- Pesticides by USEPA Method 8081B.
- PCBs by USEPA Method 8082A.
- PFAS by USEPA Method 1633 (If samples are collected on or after July 15, 2025, then EPA Method 1633A will be used for PFAS sampling).

Any deviations from the listed testing methods will be coordinated with NYSDEC.

5.2.3 REPORTING OF RESULTS

The laboratory will report analytical results in Analytical Services Protocol (ASP) Category B deliverable packages. An electronic data deliverable (EDD) will also be provided by the laboratory.

All end-point and side wall sample data generated for the RA will be logged in a database and organized to facilitate data review and evaluation. The NYSDEC has implemented an

Environmental Information Management System (EIMS). The EIMS uses the database software application EQuIS™ from EarthSoft® Inc. A complete data package will be submitted with supporting tables, which highlight such data as sample location coordinates and proper EDD groupings.

The electronic dataset will include the data flags provided in accordance with USEPA Laboratory Data Validation Functional Guidelines for Evaluating Organic Analysis and Inorganic Analyses, as well as additional comments of the data review for ASP/CLP analyses. The data flags include such items as: 1) concentration below required detection limit, 2) estimated concentration due to poor recovery below required detection limit, 3) estimated concentration due to poor spike recovery, and 4) concentration of chemical also found in laboratory blank.

5.2.4 QA/QC

QC samples serve as checks on both the sampling and measurements systems and assist in determining the overall data quality with regard to representation, accuracy, and precision. Field duplicates and matrix spike (MS) samples are analyzed to assess the quality of the data resulting from the field sampling. Field duplicate samples are individual portions of the same field sample. These samples can be used to estimate the overall precision of the data collection activity. Sampling error can be estimated by the comparison of field sample result and duplicated sample result. During end-point sampling, one field duplicate sample will be collected for each 20 samples collected. MSs and MSD are used to evaluate analytical accuracy and precision, respectively. MS/MSDs will be analyzed by the laboratory at a frequency of one per preparation batch, for soil only. The frequency of QC sampling is detailed in Table 1 of the CQAP, which is included as Appendix H.

5.2.5 DUSR AND EDDS

A DUSR will be prepared to evaluate the endpoint and side wall samples by a party independent from the laboratory performing the analysis in accordance with Appendix 2B of DER-10. The DUSR will be included with all data reported in the FER.

5.2.6 REPORTING OF END-POINT DATA IN FER

The FER will include a table of endpoint and side wall sample data with any SCO exceedances highlighted. A spider map showing all SCO exceedances will also be presented in the FER, if exceedances occur.

Chemical labs used for all endpoint sample results and contingency sampling will be NYSDOH ELAP certified.

Endpoint sampling, including bottom and side wall sampling, will be performed in accordance with DER-10 sample frequency requirements. Side wall samples will be collected a minimum of every 30 linear feet. Bottom samples will be collected at a rate of one for every

900 square feet from the base of the remedial excavation. The FER will provide a tabular and map summary of all end-point sample results and exceedances of SCOs.

5.3 Estimated Material Removal Quantities

Contaminated soils will be excavated and removed for off-site disposal from the entire Site area to a minimum depth of 3 ft bgs. This remedial excavation is intended to remove all exceedances of UUSCOs, which were detected in borings distributed throughout the Site. Limited areas will be excavated to deeper depths, where exceedances were detected below 3 ft bgs. These areas are as follows:

- Area 1 and Area 4 (soil borings SB-2 and RISB-05, respectively) to a depth of 13 ft. bgs.
- Area 2, Area 3, and Area 5 (soil borings (RISB-02, RISB-03, and RISB-07) to a depth of 7 ft. bgs.
- Area 6 (soil boring SB-9) to a depth of 10 ft. bgs.

The proposed excavation areas are shown on Figure 9. The identified areas define the minimum material removal from Site that will be performed prior to the collection of confirmation endpoint samples. If endpoint sample(s) exceed UUSCOs, excavation will be continued vertically and/or horizontally until subsequent endpoint samples meet UUSCOs.

During the excavation activities, any existing subsurface structures will be demolished and removed when encountered to the extent required to remove soils exceeding UUSCOs. The debris will be managed as discussed in the Section 5.4. This material, if encountered, will be managed as described below and disposed of in accordance with all federal, state, and local regulations. If encountered within the excavation area, these materials will be cut or broken into lengths or pieces suitable for off-site disposal in accordance with approved disposal facility requirements. If this type of debris is not visually impacted, it will be disposed of as C&D at an approved licensed C&D disposal facility. If the debris is visually impacted, it will be either decontaminated (if possible) and managed as non-impacted C&D or sampled for waste characterization purposes and disposed of at an appropriate approved facility.

The estimated quantity of soil/fill to be removed from the Site is approximately 4,000 CY. Soil/fill is not expected to be reused/relocated on Site.

5.4 Soil/Materials Management Plan

The following sections provide the SMMP to be implemented during the RA.

5.4.1 SOIL SCREENING METHODS

Visual, olfactory and PID soil screening and assessment will be performed by a qualified environmental professional or experienced field geologist under the direction of the Remedial Engineer during all remedial and development excavations into known or potentially contaminated material. Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during the remedy and during

development phase, such as excavations for foundations and utility work, prior to issuance of the COC.

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

Screening will be performed by qualified environmental professionals. Resumes will be provided for all personnel responsible for field screening (e.g., those representing the Remedial Engineer) of invasive work for unknown contaminant sources during remediation and development work.

5.4.2 STOCKPILE METHODS

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. At a minimum, a storm event should be considered a rainfall of 3 inches or greater in 12 hours. Judgement should be used to evaluate water infiltration, nearby waterbodies where runoff is likely, and ECs that may be affected.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Soil stockpiles will be continuously encircled with silt fences. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Water will be available on-site at suitable supply and pressure for use in dust control.

5.4.3 MATERIALS EXCAVATION AND LOAD OUT

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

The Applicants and their contractors are solely responsible for safe execution of all invasive and other work performed under this Plan.

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

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

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

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

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

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

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

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

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

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

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

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

5.4.4 MATERIALS TRANSPORT OFF-SITE

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

Outbound trucks will proceed north on Webster Avenue directly to the Cross Bronx Expressway. All trucks loaded with Site materials will exit the vicinity of the Site using only these approved truck routes.

Proposed in-bound and out-bound truck routes to the Site are shown in Figure 12. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off- Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport; and (g) will take into account community input, as necessary.

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

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

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

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

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

5.4.5 MATERIALS DISPOSAL OFF-SITE

The disposal locations will be established at a later date and reported to the NYSDEC Project Manager.

The total quantity of material expected to be disposed off-site is approximately 4,000 CY.

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

Material that does not meet Track 1 unrestricted SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360.15 Registration Facility).

The following documentation will be obtained and reported by the Remedial Engineer for each disposal location used in this project to fully demonstrate and document that the disposal of material derived from the Site conforms with all applicable laws: (1) a letter from the Remedial

Engineer or BCP Applicants to the receiving facility describing the material to be disposed and requesting formal written acceptance of the material. This letter will state that material to be disposed is contaminated material generated at an environmental remediation Site in New York State. The letter will provide the project identity and the name and phone number of the Remedial Engineer. The letter will include as an attachment a summary of all chemical data for the material being transported (including Site Characterization data); and (2) a letter from all receiving facilities stating it is in receipt of the correspondence (above) and is approved to accept the material. These documents will be included in the FER.

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

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

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

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

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

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

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

Waste characterization sampling will be performed exclusively for the purposes of off-site soil disposal in a manner suitable to receiving facilities and in conformance with

applicable federal, state and local laws rules and regulations and facility-specific permits. Sampling and analytical methods, sampling frequency, analytical results and QA/QC associated with waste characterization activities will be reported in the FER. All data available for soil/material to be disposed at a given facility must be submitted to the disposal facility with suitable explanation prior to shipment and receipt. Waste characterization data will be used solely for complying with requirements for off-site disposal. Waste Characterization sampling cannot be utilized for:

- Delineating the extent of contamination required for remediation at a Site.
- Replacing or substituting data collected as part of Site Characterization and/or RI.
- Replacing or substituting confirmation or documentation sampling as described in NYSDEC DER-10, Section 5.4.
- To modify remedial decisions as formalized in a NYSDEC approved Decision Document or Record of Decision.

5.4.6 MATERIALS REUSE ON-SITE

No soil is planned to be reused on-site.

5.4.7 FLUIDS MANAGEMENT

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

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

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

5.4.8 DEMARCATION

After the completion of soil removal and any other invasive remedial activities and prior to backfilling, a land survey will be performed by a New York State licensed surveyor. The survey will define the top elevation of residual contaminated soils. A physical demarcation layer, consisting of orange snow fencing material or equivalent material will be placed on this surface to provide a visual reference. This demarcation layer will constitute the top of the 'Residuals Management Zone', the zone that requires adherence to special conditions for disturbance of contaminated residual soils defined in the SMP. The survey will measure the grade covered by the demarcation layer before the placement of cover soils, pavement and sub-soils, structures, or other materials. This survey and the demarcation layer placed on this grade surface will

constitute the physical and written record of the upper surface of the 'Residuals Management Zone' in the SMP. A map showing the survey results will be included in the FER and the SMP.

5.4.9 BACKFILL FROM OFF-SITE SOURCES

Crushed stone or RCA may be imported from a permitted source, and as approved by NYSDEC, to be used as backfill, if necessary. Crushed stone or backfill may be imported for site grading or truck bed purposes. Sampling of crushed stone is not anticipated as it will be in accordance with DER-10 5.4 (e) 5 requirements, provided that it contains less than 10% by weight material that would pass through a size 100 sieve and consists of:

1. Gravel, rock or stone, consisting of virgin material from a permitted mine or quarry; or
2. Recycled concrete or brick from a DEC registered C&D debris processing facility if the material conforms to the requirements of Section 304 of the New York State Department of Transportation *Standard Specifications Construction and Materials Volume 1* (2002).

All materials proposed for import onto the Site will be approved by the Remedial Engineer and will be in compliance with provisions in this RAWP prior to receipt at the Site.

Material from industrial sites, spill sites, other environmental remediation sites or other potentially contaminated sites will not be imported to the Site. Solid waste will not be imported onto the Site.

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

All imported soils will meet NYSDEC approved backfill or cover soil quality objectives for this Site. These NYSDEC approved backfill or cover soil quality objectives are the lower of the protection of groundwater or the protection of public health SCOs for Unrestricted use as set forth in Table 375-6.8(b) of 6 NYCRR Part 375 and listed in Table 1. Non-compliant soils will not be imported onto the Site without prior approval by NYSDEC. Nothing in the approved RAWP or its approval by NYSDEC should be construed as an approval for this purpose.

Soils that meet 'general fill' requirements under 6 NYCRR Part 360.13, but do not meet backfill or cover soil objectives for this Site, will not be imported onto the Site without prior approval by NYSDEC. Nothing in this RAWP should be construed as an approval for this purpose.

A "Request to Import/Reuse Fill Material" form will be filed with the NYSDEC project manager for review and approval prior to import to the site. A copy of the form is presented in Appendix L.

5.4.10 STORMWATER POLLUTION PREVENTION

Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. All necessary repairs shall be made immediately.

Accumulated sediments will be removed as required to keep the barrier and hay bale check functional.

All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials.

Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

ESC measures identified in the RAWP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.

Silt fencing or hay bales will be installed around the entire perimeter of the remedial construction area.

5.4.11 CONTINGENCY PLAN

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

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

5.4.11.1 EXTREME STORM PREPAREDNESS AND RESPONSE CONTINGENCY PLAN

Damage from flooding or storm surge can include dislocation of soil and stockpiled materials, dislocation of site structures and construction materials and equipment, and dislocation of SOE structures. Damage from wind during an extreme storm event can create unsafe or unstable structures, damage safety structures and cause downed power lines creating dangerous site conditions and loss of power. In the event of emergency conditions caused by an extreme

storm event, the Applicants will undertake the following steps for site preparedness prior to the event and response after the event.

Storm Preparedness

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

Storm Response

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

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

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

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

If onsite petroleum spills are identified, a qualified environmental professional will determine the nature and extent of the spill and report to NYSDEC's spill hotline at 800.457.7362 within statutory defined timelines. If the source of the spill is ongoing and can be identified, it should be stopped if this can be done safely. Potential hazards will be addressed immediately, consistent with guidance issued by NYSDEC.

Storm Response Reporting

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

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

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

5.4.12 COMMUNITY AIR MONITORING PLAN

If future work on Site is completed under the SMP, a CAMP will be implemented in accordance with Appendix 1A of DER-10. The CAMP is included with this RAWP as Appendix I. Perimeter monitoring for VOCs and respirable particulate matter will be performed using one upwind station and one downwind station placed on the Site perimeter, the exact locations of which on a given day will be established based on the prevailing wind direction. Continuous monitoring will be performed during ground intrusive activities (i.e., soil/waste excavation and handling, test pitting or trenching, and soil boring/monitoring well installation) at fixed CAMP stations. Periodic monitoring will be performed with a roving PID (MiniRAE 3000, or similar) as needed during non-intrusive activities (i.e., soil and groundwater sample collection).

VOCs will be monitored at the downwind perimeter of the work area and an appropriate upwind location to establish background conditions. VOCs will be monitored using a PID, calibrated daily per manufacturer's instructions with Isobutylene calibration gas, and programmed to log data and calculate 15-minute running averages. Action levels and action to be taken in the event of exceedance are summarized in the table below and described in further detail in the CAMP (Appendix I).

Action Levels for VOC Monitoring		
Concentration	**Evaluation**	**Corrective Action**
> 5 ppm over background	Temporarily halt work until levels decrease below 5 ppm over background, continue monitoring	Work may resume if VOC levels readily decrease below 5 ppm over background, continue monitoring
5 ppm ≤ 25 ppm	Halt work, identify source of vapors, abate emissions, continue monitoring	Work may resume if VOC levels 200 ft downwind of the exclusion zone, or half the distance to the nearest potential receptor (whichever is less, but not less than 20 ft.) are below 5 ppm over background for the 15-minute average.
> 25 ppm	Shut down work	Evaluate odor suppression techniques (i.e., foam, etc.)

Particulates will be monitored at the downwind perimeter of the work area and an appropriate upwind location to establish background conditions. Particulates will be monitored using a particulate meter (TSI DustTrak2, or similar), capable of measuring particulate matter less than 10 micrometers in size (PM-10), calibrated daily per manufacturer's instructions, and programmed to log data and calculate 15-minute running averages. Action levels and action to be taken in the event of exceedance are summarized in the table below and described in further detail in the CAMP (Appendix I).

Action Levels for Particulate Monitoring		
Particulate Levels	**Evaluation**	**Corrective Action**
100 µg/m^3 over background and/or visible dust leaving the work area	Work may continue with dust suppression, provided particulate levels do not exceed 150 µg/m^3 over background	Continue dust suppression techniques, continue monitoring
150 µg/m^3 over background	Halt work and employ dust suppression; re-evaluate activities	Work may resume provided particulate levels do not exceed 150 µg/m^3 over background, continue monitoring

Each fixed CAMP station will consist of a VOC meter, particulate meter, and battery housed in a weather resistant enclosure.

Additionally, special CAMP requirements will be implemented when ground-intrusive work occurs within 20 feet of a potentially exposed sensitive receptor or structure. Prior to the commencement of ground intrusive activities, background concentrations for particulates and VOCs in air at the Site border adjoining this off-site location will be collected. No ventilation system intakes are known to be located within 20 feet of the work zone.

Exceedances observed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers within 24 hours and included in the Daily Report. The daily readings and a map showing the daily prevailing wind direction (and any changes during the day) and locations of the CAMP monitoring stations will also be included in the Daily Report. All CAMP data will be delivered to NYSDEC and NYSDOH on a maximum weekly basis.

5.4.13 ODOR, DUST AND NUISANCE CONTROL PLAN

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

5.4.13.1 ODOR CONTROL PLAN

This odor control plan is capable of controlling emissions of nuisance odors off-site. Specific odor control methods to be used on a routine basis will include tarps for covering stockpiles and, if necessary, odor suppressant foam. If nuisance odors are identified, work will be halted, and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of all other complaints about the project. Implementation of all odor controls, including the halt of work, will be the responsibility of the Applicants' Remedial Engineer, who is responsible for certifying the FER.

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

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

Any odor suppressant potentially planned to be used at the Site will be located on-site and accessible to workers knowledgeable in its use and application during implementation of the RAWP.

5.4.13.2 DUST CONTROL PLAN

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

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

The dust suppression equipment planned to be used at the Site will be located on-site and accessible to workers knowledgeable in its use and application during implementation of the RAWP.

5.4.13.3 OTHER NUISANCES

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

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

6.0 RESIDUAL CONTAMINATION TO REMAIN ON-SITE

If residual contaminated soil and/or soil vapor exist beneath the Site after the remedy is complete, ECs and ICs are required to protect human health and the environment. These ECs and ICs are described hereafter. Long-term management of EC/ICs and of residual contamination will be executed under a Site-specific SMP that will be developed and included in the FER.

ECs will be implemented to protect public health and the environment by appropriately managing residual contamination. The Controlled Property (the Site) will have up to two primary EC systems: a SSDS and a VMS system.

The FER will report residual contamination on the Site in tabular and map form. This will include presentation of exceedances of both Track 1 and Track 2 sites, as appropriate.

7.0 ENGINEERING CONTROLS: MITIGATION SYSTEMS

7.1 Sub-Slab Depressurization System

SSDS piping will be installed beneath the footprint of the building slab to mitigate potential residual soil vapors. The SSDS will be incorporated into the design of the buildings and will be installed during construction. Following the completion of building construction, post mitigation air sampling will be conducted to demonstrate the effectiveness of the SSDS. Design drawings for the SSDS are found in Appendix A. The SSDS was designed in accordance with the NYSDOH Guidance. The SSDS will consist of a network of horizontal perforated PVC pipe set in the middle of a gas permeable gravel layer immediately beneath the building slab and vapor barrier system. The horizontal piping will consist of fabric wrapped, perforated schedule 40 4-inch PVC pipe connected to an SSDS manifold and three separate 4-inch galvanized riser pipes that penetrate the slab and travels through the building to the roof. The SSDS will be hardwired and consist of three separate roof mounted Obar GBR89 regenerative blowers (or NYSDEC-approved equivalent). Each SSDS lateral intake line will be equipped with a flow indicator, and a differential pressure gauge. The SSDS system controls will include telemetry that provides remote system monitoring that includes alarm notifications and SSDS operation status. The regenerative blowers, as well as system pressure will have alarm notifications to alert the SSDS system operator of an emergency condition requiring corrective action. A pilot test will be conducted to refine and confirm the size, model, and number of blowers and associated riser pipes that will be required to maintain vacuum under the slab. The gas permeable layer will consist of a 6-inch thick layer of ¾-inch crushed stone. The riser pipes will be finished at the roof line with a 6-inch goose neck pipe to prevent rain infiltration. The active SSDS will be hardwired and will include blower(s) installed in-line and a pressure gauge and alarm located in an accessible area.

The blower/fan exhaust will be placed at a minimum distance of 15-feet from all air intakes. The layout and details of the proposed SSDS is provided in Appendix A. All as-built drawings, diagrams, calculation and manufacturer documentation for the SSDS system will be presented in the FER.

7.2 Vapor Mitigation System

A VMS system will be installed on the north side of the new building to prevent contaminated soil vapor from migrating to the off-site buildings. The VMS system will consist of three extraction wells that will intercept soil vapor concentrations before they can impact the off-site buildings, or the Site building and associated SSDS. The extraction wells will consist of 2-inch diameter schedule 40 PVC with 5 to 7 feet of 0.02-inch slotted screen. The extraction wells will be connected to the blower and other associated equipment located in the cellar via 4-inch diameter schedule 40 PVC piping. The piping from the VMS wells will be manifolded together and connected to the blower influent. The VMS effluent piping will consist of 4-inch diameter galvanized riser piping that travels through the building to the roof where the effluent is discharged. The VMS will be hardwired and consist of a Obar GBR89 regenerative blower (or NYSDEC-approved equivalent). Each VMS well will be equipped with a flow indicator, and a differential pressure gauge. The VMS system controls will include telemetry that provides

remote system monitoring that includes alarm notifications and VMS operation status. The blower, as well as system pressure will have alarm notifications to alert the VMS system operator of an emergency condition requiring corrective action.

Appendix A shows the layout for the VMS system includes the location and layout of the extraction wells, piping, and effluent piping, as well as the blower, condensate separator, system manifold, and carbon adsorbers. All as-built drawings, diagrams, calculation and manufacturer documentation for the SSDS system will be presented in the FER.

8. CRITERIA FOR COMPLETION OF REMEDIATION/TERMINATION OF REMEDIAL SYSTEMS

8.1 Sub-Slab Depressurization System

The active SSD system will not be discontinued without written approval by NYSDEC and NYSDOH. A proposal to discontinue the active SSD system may be submitted by the property owner based on confirmatory data that justifies such request. Systems will remain in place and operational until permission to discontinue use is granted in writing by NYSDEC and NYSDOH. If the Conditional Track 1 Alternative is met, and NYSDEC grants permission to discontinue the use of the SSDS within 5 years of the issuance of the COC, the Conditional Track 1 will revert to an unconditional Track 1 alternative.

8.2 Vapor Mitigation System

The VMS will not be discontinued without written approval by NYSDEC and NYSDOH. A proposal to discontinue the system may be submitted by the property owner after residual contamination concentrations in groundwater: (1) are cleaned up to levels below NYSDEC standards, (2) have become asymptotic over an extended period of time as mandated by the NYSDEC and the NYSDOH, or (3) if NYSDEC has determined that the VMS system has reached the limit of its effectiveness. This assessment will be based in part on post-remediation contaminant levels in groundwater collected from monitoring wells located throughout the Site. Systems will remain in place and operational until permission to discontinue their use is granted in writing by NYSDEC and NYSDOH. These sampling/monitoring activities will adhere to stipulations outlined in the Monitoring Plan section of the SMP. If the Conditional Track 1 Alternative is met, and NYSDEC grants permission to discontinue the use of the VMS system within 5 years of the issuance of the COC, the Conditional Track 1 will revert to an unconditional Track 1 Alternative.

9.0 INSTITUTIONAL CONTROLS

After the remedy is complete, the Site will have residual contamination remaining in place, if Track 1 is not achieved. ECs for the residual contamination have been incorporated into the remedy to render the overall Site remedy protective of public health and the environment. Two elements have been designed to ensure continual and proper management of residual contamination in perpetuity: an Environmental Easement and a SMP, if needed.

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

9.1 Environmental Easement

An Environmental Easement, as defined in Article 71 Title 36 of the ECL, is required when residual contamination is left on-site after the Remedial Action is complete, i.e. if an unconditional Track 1 remedy is not achieved. As part of this remedy, an Environmental Easement approved by NYSDEC will be filed and recorded with the NYC Office of the City Register. The Environmental Easement will be submitted as part of the FER.

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

The Institutional Controls that support ECs are:

- Compliance with the Environmental Easement by the Grantee and the Grantee's successors and adherence of all elements of the SMP is required.
- All ECs must be operated and maintained as specified in this SMP.

- A soil vapor mitigation system consisting of a SSDS and VMS must be inspected, certified, operated and maintained as required by the SMP.
- All ECs on the Controlled Property must be inspected and certified at a frequency and in a manner defined in the SMP.
- Soil vapor, and other environmental or public health monitoring must be performed as defined in the SMP.
- Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP.
- On-site environmental monitoring devices, including but not limited to, soil vapor probes, must be protected and replaced as necessary to ensure proper functioning in the manner specified in the SMP
- ECs may not be discontinued without an amendment or extinguishment of the Environmental Easement.

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

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

9.2 Site Management Plan

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

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

The SMP is intended to provide a detailed description of the procedures required to manage residual contamination left in place at the Site following completion of the Remedial Action in accordance with the BCA with the NYSDEC. This includes: (1) development, implementation, and management of all Engineering and Institutional Controls; (2) development and implementation of monitoring systems and a Monitoring Plan; (3) development of a plan to operate and maintain any treatment, collection, containment, or recovery systems (including, where appropriate, preparation of an Operation and Maintenance Manual); (4) submittal of Site Management Reports, performance of inspections and certification of results, and demonstration of proper communication of Site information to NYSDEC; and (5) defining criteria for termination of treatment system operation.

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

Site management activities, reporting, and EC/IC certification will be scheduled on a certification period basis. The certification period will be annually. The SMP will be based on the certifying period relative to the date of issuance of the COC. The first submission will be due16 months after the issuance of the COC, and annually (or at another frequency as approved by NYSDEC) thereafter.

The SMP in the FER will include a monitoring plan for groundwater at the down-gradient Site perimeter to evaluate Site-wide performance of the remedy. Appropriately placed groundwater monitor wells will also be installed immediately down-gradient of all source remediation areas for the purpose of evaluation of the effectiveness of the remedy that is implemented.

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

10.0 FINAL ENGINEERING REPORT

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

Where determined to be necessary by NYSDEC, a Financial Assurance Plan will be required to ensure the sufficiency of revenue to perform long-term operations, maintenance and monitoring tasks defined in the SMP and Environmental Easement. This determination will be made by NYSDEC in the context of the FER review.

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

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

The FER will provide a thorough summary of all residual contamination left on the Site after the remedy is complete. Residual contamination includes all contamination that exceeds the Track 1 Unrestricted Use SCO in 6NYCRR Part 375-6. A table that shows exceedances from Track 1 Unrestricted SCOs for all soil/fill remaining at the Site after the Remedial Action and a map that shows the location and summarizes exceedances from Track 1 Unrestricted SCOs for all soil/fill remaining at the Site after the Remedial Action will be included in the FER.

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

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

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

10.1 Certifications

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

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

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

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

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

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I Gary Rozmus, P.E., of GEI am certifying as Owner’s Designated Site Representative for the site.

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

11.0 SCHEDULE

Schedule Milestone	Duration (weeks)	Cumulative Duration (weeks)
NYSDEC Approval of RAWP and Release of Decision Document	12	12
Contractor Procurement and Permitting	6	18
Site Mobilization and Site Control Activities	1	19
Soil Excavation Activities	24	43
Contractor Demobilization	1	44
Preparation and Submission of Draft FER and SMP	8	52

Tables

Table 1. Soil Cleanup Objectives
Remedial Action Work Plan
1099-1135 Webster Ave Redevelopment Site
NYSDEC BCP Number C203167

6NYCRR Part 375 Table 375-6.8(b): Restricted Residential Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Metals							
Arsenic	7440-38-2	16[f]	16[f]	16[f]	16[f]	13[f]	16[f]
Barium	7440-39-3	350[f]	400	400	10,000 [d]	433	820
Beryllium	7440-41-7	14	72	590	2,700	10	47
Cadmium	7440-43-9	2.5[f]	4.3	9.3	60	4	7.5
Chromium, hexavalent [h]	18540-29-9	22	110	400	800	1e	19
Chromium, trivalent [h]	16065-83-1	36	180	1,500	6,800	41	NS
Copper	7440-50-8	270	270	270	10,000 [d]	50	1,720
Total Cyanide [h]		27	27	27	10,000 [d]	NS	40
Lead	7439-92-1	400	400	1,000	3,900	63[f]	450
Manganese	7439-96-5	2,000[f]	2,000[f]	10,000 [d]	10,000 [d]	1600[f]	2,000[f]
Total Mercury		0.81[j]	0.81[j]	2.8[j]	5.7[j]	0.18[f]	0.73
Nickel	7440-02-0	140	310	310	10,000 [d]	30	130
Selenium	7782-49-2	36	180	1,500	6,800	3.9[f]	4f
Silver	7440-22-4	36	180	1,500	6,800	2	8.3
Zinc	7440-66-6	2200	10,000 [d]	10,000 [d]	10,000 [d]	109[f]	2,480
PCBs/Pesticides							
2,4,5-TP Acid (Silvex)	93-72-1	58	100[a]	500[b]	1,000[c]	NS	3.8
4,4'-DDE	72-55-9	1.8	8.9	62	120	0.0033 [e]	17
4,4'-DDT	50-29-3	1.7	7.9	47	94	0.0033 [e]	136
4,4'- DDD	72-54-8	2.6	13	92	180	0.0033 [e]	14
Aldrin	309-00-2	0.019	0.097	0.68	1.4	0.14	0.19
alpha-BHC	319-84-6	0.097	0.48	3.4	6.8	0.04[g]	0.02
beta-BHC	319-85-7	0.072	0.36	3	14	0.6	0.09
Chlordane (alpha)	5103-71-9	0.91	4.2	24	47	1.3	2.9
delta-BHC	319-86-8	100[a]	100[a]	500[b]	1,000[c]	0.04[g]	0.25
Dibenzofuran	132-64-9	14	59	350	1,000[c]	NS	210
Dieldrin	60-57-1	0.039	0.2	1.4	2.8	0.006	0.1
Endosulfan I	959-98-8	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan II	33213-65-9	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan sulfate	1031-07-8	4.8[i]	24[i]	200[i]	920[i]	NS	1,000[c]
Endrin	72-20-8	2.2	11	89	410	0.014	0.06
Heptachlor	76-44-8	0.42	2.1	15	29	0.14	0.38
Lindane	58-89-9	0.28	1.3	9.2	23	6	0.1
Polychlorinated biphenyls	1336-36-3	1	1	1	25	1	3.2

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		Residential	Restricted-Residential	Commercial	Industrial		
Semivolatiles							
Acenaphthene	83-32-9	100[a]	100[a]	500[b]	1,000[c]	20	98
Acenapthylene	208-96-8	100[a]	100[a]	500[b]	1,000[c]	NS	107
Anthracene	120-12-7	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benz(a)anthracene	56-55-3	1[f]	1[f]	5.6	11	NS	1[f]
Benzo(a)pyrene	50-32-8	1[f]	1[f]	1[f]	1.1	2.6	22
Benzo(b)fluoranthene	205-99-2	1[f]	1[f]	5.6	11	NS	1.7
Benzo(g,h,i)perylene	191-24-2	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benzo(k)fluoranthene	207-08-9	1	3.9	56	110	NS	1.7
Chrysene	218-01-9	1[f]	3.9	56	110	NS	1[f]
Dibenz(a,h)anthracene	53-70-3	0.33[e]	0.33[e]	0.56	1.1	NS	1,000[c]
Fluoranthene	206-44-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Fluorene	86-73-7	100[a]	100[a]	500[b]	1,000[c]	30	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5[f]	0.5[f]	5.6	11	NS	8.2
m-Cresol	108-39-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
Naphthalene	91-20-3	100[a]	100[a]	500[b]	1,000[c]	NS	12
Metals							
Arsenic	7440-38-2	16[f]	16[f]	16[f]	16[f]	13[f]	16[f]
Barium	7440-39-3	350[f]	400	400	10,000 [d]	433	820
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Copper	7440-50-8	270	270	270	10,000 [d]	50	1,720
Total Cyanide [h]		27	27	27	10,000 [d]	NS	40
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Acenapthylene	208-96-8	100[a]	100[a]	500[b]	1,000[c]	NS	107
Anthracene	120-12-7	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benz(a)anthracene	56-55-3	1[f]	1[f]	5.6	11	NS	1[f]
Benzo(a)pyrene	50-32-8	1[f]	1[f]	1[f]	1.1	2.6	22
Benzo(b)fluoranthene	205-99-2	1[f]	1[f]	5.6	11	NS	1.7
Benzo(g,h,i)perylene	191-24-2	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benzo(k)fluoranthene	207-08-9	1	3.9	56	110	NS	1.7
Chrysene	218-01-9	1[f]	3.9	56	110	NS	1[f]
Dibenz(a,h)anthracene	53-70-3	0.33[e]	0.33[e]	0.56	1.1	NS	1,000[c]
Fluoranthene	206-44-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Fluorene	86-73-7	100[a]	100[a]	500[b]	1,000[c]	30	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5[f]	0.5[f]	5.6	11	NS	8.2
m-Cresol	108-39-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
Naphthalene	91-20-3	100[a]	100[a]	500[b]	1,000[c]	NS	12
o-Cresol	95-48-7	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
p-Cresol	106-44-5	34	100[a]	500[b]	1,000[c]	NS	0.33[e]
Pentachlorophenol	87-86-5	2.4	6.7	6.7	55	0.8[e]	0.8[e]
Phenanthrene	85-01-8	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Phenol	108-95-2	100[a]	100[a]	500[b]	1,000[c]	30	0.33[e]
Pyrene	129-00-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]

Table 1. Soil Cleanup Objectives
Remedial Action Work Plan
1099-1135 Webster Ave Redevelopment Site
NYSDEC BCP Number C203167

6NYCRR Part 375 Table 375-6.8(b): Restricted Residential Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Volatiles							
1,1,1-Trichloroethane	71-55-6	100[a]	100[a]	500[b]	1,000[c]	NS	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27
1,1-Dichloroethene	75-35-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33
1,2-Dichlorobenzene	95-50-1	100[a]	100[a]	500[b]	1,000[c]	NS	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02[f]
cis-1,2-Dichloroethene	156-59-2	59	100[a]	500[b]	1,000[c]	NS	0.25
trans-1,2-Dichloroethene	156-60-5	100[a]	100[a]	500[b]	1,000[c]	NS	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1[e]	0.1[e]
Acetone	67-64-1	100[a]	100[b]	500[b]	1,000[c]	2.2	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06
Butylbenzene	104-51-8	100[a]	100[a]	500[b]	1,000[c]	NS	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76
Chlorobenzene	108-90-7	100[a]	100[a]	500[b]	1,000[c]	40	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1
Hexachlorobenzene	118-74-1	0.33[e]	1.2	6	12	NS	3.2
Methyl ethyl ketone	78-93-3	100[a]	100[a]	500[b]	1,000[c]	100[a]	0.12
Methyl tert-butyl ether	1634-04-4	62	100[a]	500[b]	1,000[c]	NS	0.93
Methylene chloride	75-09-2	51	100[a]	500[b]	1,000[c]	12	0.05
n-Propylbenzene	103-65-1	100[a]	100[a]	500[b]	1,000[c]	NS	3.9
sec-Butylbenzene	135-98-8	100[a]	100[a]	500[b]	1,000[c]	NS	11
tert-Butylbenzene	98-06-6	100[a]	100[a]	500[b]	1,000[c]	NS	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3
Toluene	108-88-3	100[a]	100[a]	500[b]	1,000[c]	36	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6
1,3,5- Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	1330-20-7	100[a]	100[a]	500[b]	1,000[c]	0.26	1.6

All soil cleanup objectives (SCOs) are in parts per million (ppm).
NS=Not specified. See Technical Support Document (TSD).

Footnotes

[a] The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

[b] The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.

[c] The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.

[d] The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.

[e] For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

[f] For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.

[g] This SCO is derived from data on mixed isomers of BHC.

[h] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

[i] This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.

[j] This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-01 (0-2) 24C1623-01 3/25/2024 8:30:00 AM Soil		RISB-01 (4-6) 24C1623-02 3/25/2024 8:37:00 AM Soil		RISB-01 (10-12) 24C1623-03 3/25/2024 8:44:00 AM Soil		RISB-01 (13-15) 24C1623-04 3/25/2024 8:50:00 AM Soil		RISB-02 (0-2) 24C1258-01 3/19/2024 11:15:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0550	U	0.11000	U	0.0610	U	0.0760	U	0.0810	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	~	0.00280	UJ	0.00570	UJ	0.00300	UJ	0.00380	UJ	0.00410	UJ
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.00280	U	0.00570	U	**0.0200**		0.00380	U	0.00410	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.00280	UJ	0.00570	UJ	0.00300	UJ	0.00380	UJ	0.00410	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	**0.0130**		**0.0220**	J	**0.075**		**0.0140**	J	**0.0410**	
Acrolein	107-02-8	~	~	~	~	~	~	0.00550	UJ	0.0110	UJ	0.00610	UJ	0.00760	UJ	0.00810	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Bromobenzene	108-86-1	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Bromoform	75-25-2	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.00280	UJ	0.00570	UJ	0.00300	UJ	0.00380	UJ	0.00410	U

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-01 (0-2) 24C1623-01 3/25/2024 8:30:00 AM Soil		RISB-01 (4-6) 24C1623-02 3/25/2024 8:37:00 AM Soil		RISB-01 (10-12) 24C1623-03 3/25/2024 8:44:00 AM Soil		RISB-01 (13-15) 24C1623-04 3/25/2024 8:50:00 AM Soil		RISB-02 (0-2) 24C1258-01 3/19/2024 11:15:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.00280	UJ	0.00570	UJ	0.00300	UJ	0.00380	UJ	0.00410	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Methyl acetate	79-20-9	~	~	~	~	1,000	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	**0.00680**	J
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1000	0.93	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.00550	U	0.0110	U	0.00610	U	**0.00890**	J	0.00810	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.00550	U	0.0110	U	0.00610	U	0.00760	U	0.00810	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Styrene	100-42-5	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.00280	UJ	0.00570	UJ	0.00300	UJ	0.00380	UJ	0.00410	UJ
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	UJ
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Vinyl acetate	108-05-4	~	~	~	~	~	~	0.00280	UJ	0.00570	UJ	0.00300	UJ	0.00380	UJ	0.00410	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.00280	U	0.00570	U	0.00300	U	0.00380	U	0.00410	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.00830	U	0.0170	U	0.00910	U	0.0110	U	0.0120	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-02 (4-6) 24C1258-02 3/19/2024 11:40:00 AM Soil		RISB-02 (10-12) 24C1258-03 3/19/2024 11:50:00 AM Soil		RISB-02 (13-15) 24C1258-04 3/19/2024 12:00:00 PM Soil		RISB-03 (0-2) 24C1258-05 3/19/2024 12:20:00 PM Soil		RISB-03 (4-6) 24C1258-06 3/19/2024 12:30:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0840	JR	0.0540	U	0.0530	U	0.0390	UJ	0.0750	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	**0.150**	J	**0.0120**		**0.00580**	J	**0.0110**	J	0.00750	U
Acrolein	107-02-8	~	~	~	~	~	~	0.00840	JR	0.00540	U	0.00530	U	0.00390	UJ	0.00750	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Bromobenzene	108-86-1	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Bromoform	75-25-2	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-02 (4-6)		RISB-02 (10-12)		RISB-02 (13-15)		RISB-03 (0-2)		RISB-03 (4-6)	
York ID								24C1258-02		24C1258-03		24C1258-04		24C1258-05		24C1258-06	
Sampling Date								3/19/2024 11:40:00 AM		3/19/2024 11:50:00 AM		3/19/2024 12:00:00 PM		3/19/2024 12:20:00 PM		3/19/2024 12:30:00 PM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Methyl acetate	79-20-9	~	~	~	~	1,000	~	**0.0610**	J	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1000	0.93	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	**0.0160**	J	0.00540	U	0.011	UJ	**0.00900**	UJ	0.00750	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.00840	JR	0.00540	U	0.00530	U	0.00390	UJ	0.00750	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Styrene	100-42-5	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.00420	JR	0.00270	UJ	0.00270	UJ	0.00200	UJ	0.00370	UJ
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.00420	JR	0.00270	U	**0.00370**	J	0.00200	UJ	0.00370	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Vinyl acetate	108-05-4	~	~	~	~	~	~	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.00420	JR	0.00270	U	0.00270	U	0.00200	UJ	0.00370	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.0130	JR	0.00810	U	0.00800	U	0.00590	UJ	0.0110	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-03 (10-12) 24C1258-07 3/19/2024 12:40:00 PM Soil		RISB-03 (13-15) 24C1258-08 3/19/2024 1:00:00 PM Soil		RISB-04 (0-2) 24C1258-09 3/19/2024 9:15:00 AM Soil		RISB-04 (4-6) 24C1258-10 3/19/2024 9:30:00 AM Soil		RISB-04 (10-12) 24C1258-11 3/19/2024 9:45:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0620	UJ	0.0490	U	0.0530	U	0.0480	U	0.0490	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	**0.0140**	J	0.00490	U	0.00530	U	0.00480	U	0.00490	U
Acrolein	107-02-8	~	~	~	~	~	~	0.00620	UJ	0.00490	U	0.00530	U	0.00480	U	0.00490	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Bromobenzene	108-86-1	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Bromoform	75-25-2	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID / York ID / Sampling Date / Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-03 (10-12) 24C1258-07 3/19/2024 12:40:00 PM Soil		RISB-03 (13-15) 24C1258-08 3/19/2024 1:00:00 PM Soil		RISB-04 (0-2) 24C1258-09 3/19/2024 9:15:00 AM Soil		RISB-04 (4-6) 24C1258-10 3/19/2024 9:30:00 AM Soil		RISB-04 (10-12) 24C1258-11 3/19/2024 9:45:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Methyl acetate	79-20-9	~	~	~	~	1,000	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1000	0.93	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	**0.00780**	J	**0.0120**		0.00530	U	**0.00510**	J	0.00490	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.00620	UJ	0.00490	U	0.00530	U	0.00480	U	0.00490	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Styrene	100-42-5	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.00310	UJ	0.00240	UJ	0.00270	UJ	0.00240	UJ	0.00250	UJ
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Vinyl acetate	108-05-4	~	~	~	~	~	~	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.00310	UJ	0.00240	U	0.00270	U	0.00240	U	0.00250	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.00930	UJ	0.00730	U	0.00800	U	0.00730	U	0.00740	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-04 (13-15) 24C1258-12 3/19/2024 9:53:00 AM Soil		RISB-05 (10-12) 24C1623-05 3/25/2024 9:40:00 AM Soil		RISB-05 (13-15) 24C1623-06 3/25/2024 10:00:00 AM Soil		RISB-06 (0-2) 24C1715-01 3/26/2024 11:30:00 AM Soil		RISB-06 (4-6) 24C1715-02 3/26/2024 11:45:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0510	U	0.0460	U	0.0270	U	0.0460	U	0.0530	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	~	0.00260	U	0.00230	UJ	0.00140	UJ	0.00230	U	0.00260	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.00260	U	0.00230	UJ	0.00140	UJ	0.00230	U	0.00260	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	0.00510	U	**0.00500**	J	0.00270	U	0.00460	U	0.00530	U
Acrolein	107-02-8	~	~	~	~	~	~	0.00510	U	0.00460	UJ	0.00270	UJ	0.00460	U	0.00530	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Bromobenzene	108-86-1	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Bromoform	75-25-2	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.00260	U	0.00230	UJ	0.00140	UJ	0.00230	U	0.00260	U

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-04 (13-15) 24C1258-12 3/19/2024 9:53:00 AM Soil		RISB-05 (10-12) 24C1623-05 3/25/2024 9:40:00 AM Soil		RISB-05 (13-15) 24C1623-06 3/25/2024 10:00:00 AM Soil		RISB-06 (0-2) 24C1715-01 3/26/2024 11:30:00 AM Soil		RISB-06 (4-6) 24C1715-02 3/26/2024 11:45:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.00260	U	0.00230	UJ	0.00140	UJ	0.00230	U	0.00260	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Methyl acetate	79-20-9	~	~	~	~	1,000	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1000	0.93	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.00510	U	0.00460	U	0.00270	U	0.00460	UJ	**0.00630**	J
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.00510	U	0.00460	U	0.00270	U	0.00460	U	0.00530	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.00260	U	0.00230	U	0.00140	U	0.00230	UJ	0.00260	U
Styrene	100-42-5	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.00260	U	0.00230	UJ	0.00140	UJ	0.00230	U	0.00260	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.00260	UJ	0.00230	U	0.00140	U	0.00230	UJ	0.00260	UJ
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Vinyl acetate	108-05-4	~	~	~	~	~	~	0.00260	U	0.00230	UJ	0.00140	UJ	0.00230	U	0.00260	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.00260	U	0.00230	U	0.00140	U	0.00230	U	0.00260	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.00770	U	0.00680	U	0.00410	U	0.00690	U	0.00790	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
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E=result is estimated and cannot be accurately reported due to levels encountered or interferences
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Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-06 (10-12) 24C1715-03 3/26/2024 11:51:00 AM Soil		RISB-06 (13-15) 24C1715-04 3/26/2024 11:59:00 AM Soil		RISB-07 (0-2) 24C1715-05 3/26/2024 2:00:00 PM Soil		RISB-07 (4-6) 24C1715-06 3/26/2024 2:15:00 PM Soil		RISB-07 (10-12) 24C1715-07 3/26/2024 2:25:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.00280	U	0.00250	R	0.00260	U	0.00230	U	0.00220	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0550	U	0.0510	U	0.0530	U	0.0450	U	0.0450	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	0.00550	U	0.00510	U	0.00530	U	0.00450	U	0.00450	U
Acrolein	107-02-8	~	~	~	~	~	~	0.00550	U	0.00510	U	0.00530	U	0.00450	U	0.00450	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.00280	UJ	0.00250	UJ	0.00260	UJ	0.00230	UJ	0.00220	UJ
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Bromobenzene	108-86-1	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Bromoform	75-25-2	~	~	~	~	~	~	0.00280	UJ	0.00250	UJ	0.00260	UJ	0.00230	UJ	0.00220	UJ
Bromomethane	74-83-9	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-06 (10-12) 24C1715-03 3/26/2024 11:51:00 AM Soil		RISB-06 (13-15) 24C1715-04 3/26/2024 11:59:00 AM Soil		RISB-07 (0-2) 24C1715-05 3/26/2024 2:00:00 PM Soil		RISB-07 (4-6) 24C1715-06 3/26/2024 2:15:00 PM Soil		RISB-07 (10-12) 24C1715-07 3/26/2024 2:25:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.00280	UJ	0.00250	UJ	0.00260	UJ	0.00230	UJ	0.00220	UJ
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Methyl acetate	79-20-9	~	~	~	~	1,000	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1000	0.93	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	**0.00570**	J	0.00510	U	0.00530	U	0.00450	U	0.00450	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.00550	U	0.00510	U	0.00530	U	0.00450	U	0.00450	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Styrene	100-42-5	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.00280	UJ	0.00250	UJ	0.00260	UJ	0.00230	UJ	0.00220	UJ
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Vinyl acetate	108-05-4	~	~	~	~	~	~	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.00280	U	0.00250	U	0.00260	U	0.00230	U	0.00220	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.00830	U	0.00760	U	0.00790	U	0.00680	U	0.00670	U

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P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
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Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0450	U	0.0590	U	0.0550	U	0.0500	U	0.0630	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	~	0.00220	U	0.00300	UJ	0.00270	UJ	0.00250	UJ	0.00320	UJ
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.00220	U	0.00300	UJ	0.00270	UJ	0.00250	UJ	0.00320	UJ
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	0.00450	U	**0.00590**	J	**0.0110**		**0.00510**	J	**0.0100**	J
Acrolein	107-02-8	~	~	~	~	~	~	0.00450	U	0.00590	UJ	0.00550	UJ	0.00500	UJ	0.00630	UJ
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.00220	UJ	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Bromobenzene	108-86-1	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Bromoform	75-25-2	~	~	~	~	~	~	0.00220	UJ	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.00220	U	0.00300	UJ	0.00270	UJ	0.00250	UJ	0.00320	UJ

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-07 (13-15)		RISB-08 (0-2)		RISB-08 (4-6)		RISB-08 (10-12)		RISB-08 (13-15)	
York ID								24C1715-08		24C1623-07		24C1623-08		24C1623-09		24C1623-10	
Sampling Date								3/26/2024 2:30:00 PM		3/25/2024 11:00:00 AM		3/25/2024 11:15:00 AM		3/25/2024 11:30:00 AM		3/25/2024 11:39:00 AM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.00220	U	0.00300	UJ	0.00270	UJ	0.00250	UJ	0.00320	UJ
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.00220	UJ	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Methyl acetate	79-20-9	~	~	~	~	1,000	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1000	0.93	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.00450	U	0.00590	U	0.00550	U	0.00500	U	0.00630	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.00450	U	0.00590	U	0.00550	U	0.00500	U	0.00630	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Styrene	100-42-5	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.00220	U	0.00300	UJ	0.00270	UJ	0.00250	UJ	0.00320	UJ
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.00220	UJ	0.00410	J	0.00270	U	0.00250	U	0.00320	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.00220	U	0.00300	U	**0.00510**	J	**0.00510**		0.00320	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Vinyl acetate	108-05-4	~	~	~	~	~	~	0.00220	U	0.00300	UJ	0.00270	UJ	0.00250	UJ	0.00320	UJ
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.00220	U	0.00300	U	0.00270	U	0.00250	U	0.00320	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.00670	U	0.00890	U	0.00820	U	0.00740	U	0.00950	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-09 (0-2) 24C1623-11 3/25/2024 12:00:00 PM Soil		RISB-09 (4-6) 24C1623-12 3/25/2024 12:15:00 PM Soil		RISB-09 (10-12) 24C1623-13 3/25/2024 12:30:00 PM Soil		RISB-09 (13-15) 24C1623-14 3/25/2024 12:37:00 PM Soil		RISB-10 (0-2) 24C1623-15 3/25/2024 1:15:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0600	U	0.0490	U	0.0560	U	0.0630	U	0.0590	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	~	0.00300	UJ	0.00240	UJ	0.00280	UJ	0.00310	UJ	0.00300	UJ
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.00300	UJ	0.00240	UJ	0.00280	UJ	0.00310	UJ	0.00300	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	**0.00630**	J	0.00490	U	**0.00630**	J	0.00630	U	0.00590	U
Acrolein	107-02-8	~	~	~	~	~	~	0.00600	UJ	0.00490	UJ	0.00560	UJ	0.00630	UJ	0.00590	UJ
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Bromobenzene	108-86-1	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Bromoform	75-25-2	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.00300	UJ	0.00240	UJ	0.00280	UJ	0.00310	UJ	0.00300	U

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-09 (0-2) 24C1623-11 3/25/2024 12:00:00 PM Soil		RISB-09 (4-6) 24C1623-12 3/25/2024 12:15:00 PM Soil		RISB-09 (10-12) 24C1623-13 3/25/2024 12:30:00 PM Soil		RISB-09 (13-15) 24C1623-14 3/25/2024 12:37:00 PM Soil		RISB-10 (0-2) 24C1623-15 3/25/2024 1:15:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.00300	UJ	0.00240	UJ	0.00280	UJ	0.00310	UJ	0.00300	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Methyl acetate	79-20-9	~	~	~	~	1,000	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1000	0.93	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.00600	U	0.00490	U	0.00560	U	0.00630	U	0.00590	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.00600	U	0.00490	U	0.00560	U	0.00630	U	0.00590	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Styrene	100-42-5	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.00300	UJ	0.00240	UJ	0.00280	UJ	0.00310	UJ	0.00300	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	**0.0200**		0.00240	U	0.00280	U	0.00310	U	0.00300	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Vinyl acetate	108-05-4	~	~	~	~	~	~	0.00300	UJ	0.00240	UJ	0.00280	UJ	0.00310	UJ	0.00300	UJ
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.00300	U	0.00240	U	0.00280	U	0.00310	U	0.00300	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.00900	U	0.00730	U	0.00840	U	0.00940	U	0.00890	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-10 (4-6) 24C1623-16 3/25/2024 1:30:00 PM Soil		RISB-10 (10-12) 24C1623-17 3/25/2024 1:45:00 PM Soil		RISB-10 (13-15) 24C1623-18 3/25/2024 2:00:00 PM Soil		DUP-032624 24C1715-10 3/26/2024 3:00:00 PM Soil		DUP032524 24C1623-19 3/25/2024 3:00:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,3-Dichloropropane	142-28-9	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0630	U	0.0580	U	0.0520	U	0.0530	U	0.0630	UJ
2,2-Dichloropropane	594-20-7	~	~	~	~	~	~	0.00320	UJ	0.00290	UJ	0.00260	UJ	0.00260	U	0.00310	UJ
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
2-Chlorotoluene	95-49-8	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
2-Hexanone	591-78-6	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
4-Chlorotoluene	106-43-4	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.00320	UJ	0.00290	UJ	0.00260	UJ	0.00260	U	0.00310	UJ
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	**0.0170**		0.00580	U	0.00520	U	0.00530	U	0.00630	UJ
Acrolein	107-02-8	~	~	~	~	~	~	0.00630	UJ	0.00580	UJ	0.00520	UJ	0.00530	UJ	0.00630	UJ
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Bromobenzene	108-86-1	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Bromoform	75-25-2	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	UJ	0.00310	UJ
Bromomethane	74-83-9	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Chloroethane	75-00-3	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Chloromethane	74-87-3	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ

Table 2a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Protection of GW	RISB-10 (4-6) 24C1623-16 3/25/2024 1:30:00 PM Soil		RISB-10 (10-12) 24C1623-17 3/25/2024 1:45:00 PM Soil		RISB-10 (13-15) 24C1623-18 3/25/2024 2:00:00 PM Soil		DUP-032624 24C1715-10 3/26/2024 3:00:00 PM Soil		DUP032524 24C1623-19 3/25/2024 3:00:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Cyclohexane	110-82-7	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Dibromomethane	74-95-3	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	UJ	0.00310	UJ
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Methyl acetate	79-20-9	~	~	~	~	1,000	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1000	0.93	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	**0.0880**	J
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.00630	U	0.00580	U	0.00520	U	**0.00660**	J	0.00630	UJ
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.00320	U	0.00290	U	0.00260	U	0.00260	U	**0.0320**	J
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.00320	U	0.00290	U	0.00260	U	0.00260	U	**0.00930**	J
o-Xylene	95-47-6	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.00630	U	0.00580	U	0.00520	U	0.00530	U	0.00630	UJ
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.00320	U	0.00290	U	0.00260	U	0.00260	U	**0.0900**	J
Styrene	100-42-5	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.00320	UJ	0.00290	UJ	0.00260	UJ	0.00260	UJ	0.00310	UJ
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.00320	U	0.00290	U	0.00260	U	0.00260	UJ	0.00310	UJ
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Vinyl acetate	108-05-4	~	~	~	~	~	~	0.00320	UJ	0.00290	UJ	0.00260	UJ	0.00260	U	0.00310	UJ
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.00320	U	0.00290	U	0.00260	U	0.00260	U	0.00310	UJ
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.00950	U	0.00870	U	0.00780	U	0.00790	U	0.00940	UJ

NOTES:

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Exceeds NYSDEC Protection of GW SCOs
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mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
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NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-01 (0-2) 24C1623-01 3/25/2024 8:30:00 AM Soil		RISB-01 (4-6) 24C1623-02 3/25/2024 8:37:00 AM Soil		RISB-01 (10-12) 24C1623-03 3/25/2024 8:44:00 AM Soil		RISB-01 (13-15) 24C1623-04 3/25/2024 8:50:00 AM Soil		RISB-02 (0-2) 24C1258-01 3/19/2024 11:15:00 AM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							2		2		2		2		2	
1,1-Biphenyl	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
1,2,4,5-Tetrachlorobenzene	~	~	~	~	~	~	0.0984	U	0.108	U	0.0939	U	0.103	U	0.112	U
1,2,4-Trichlorobenzene	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	~	~	~	0.0493	UJ	0.0540	UJ	0.0471	U	0.0516	U	0.0560	U
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
2,3,4,6-Tetrachlorophenol	~	~	~	~	~	~	0.0984	UJ	0.108	UJ	0.0939	UJ	0.103	UJ	0.112	U
2,4,5-Trichlorophenol	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
2,4,6-Trichlorophenol	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
2,4-Dichlorophenol	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
2,4-Dimethylphenol	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
2,4-Dinitrophenol	~	~	~	~	~	~	0.0984	UJ	0.108	UJ	0.0939	UJ	0.103	UJ	0.112	U
2,4-Dinitrotoluene	~	~	~	~	~	~	0.0493	UJ	0.0540	UJ	0.0471	UJ	0.0516	UJ	0.0560	U
2,6-Dinitrotoluene	~	~	~	~	~	~	0.0493	UJ	0.0540	UJ	0.0471	UJ	0.0516	UJ	0.0560	U
2-Chloronaphthalene	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
2-Chlorophenol	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
2-Methylnaphthalene	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
2-Methylphenol	0.33	100	100	500	1,000	0.33	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
2-Nitroaniline	~	~	~	~	~	~	0.0984	U	0.108	U	0.0939	UJ	0.103	UJ	0.112	U
2-Nitrophenol	~	~	~	~	~	~	0.0493	UJ	0.0540	UJ	0.0471	U	0.0516	U	0.0560	U
3- & 4-Methylphenols	0.33	34	100	500	1,000	0.33	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
3,3-Dichlorobenzidine	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	UJ	0.0516	UJ	0.0560	U
3-Nitroaniline	~	~	~	~	~	~	0.0984	U	0.108	U	0.0939	UJ	0.103	UJ	0.112	U
4,6-Dinitro-2-methylphenol	~	~	~	~	~	~	0.0984	UJ	0.108	UJ	0.0939	UJ	0.103	UJ	0.112	U
4-Bromophenyl phenyl ether	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
4-Chloro-3-methylphenol	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
4-Chloroaniline	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
4-Chlorophenyl phenyl ether	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
4-Nitroaniline	~	~	~	~	~	~	0.0984	U	0.108	U	0.0939	UJ	**0.103**		0.112	U
4-Nitrophenol	~	~	~	~	~	~	0.0984	U	0.108	U	0.0939	U	0.103	U	0.112	U
Acenaphthene	20	100	100	500	1,000	98	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**0.164**	D
Acenaphthylene	100	100	100	500	1,000	107	0.0493	U	0.0540	U	**0.0480**	J	0.0516	U	**0.0590**	JD
Acetophenone	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Aniline	~	~	~	~	~	~	0.197	U	0.216	U	0.188	U	0.206	U	0.224	U
Anthracene	100	100	100	500	1,000	1,000	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**0.244**	D
Atrazine	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Benzaldehyde	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Benzidine	~	~	~	~	~	~	0.197	U	0.216	U	0.188	UJ	0.206	UJ	0.224	U
Benzo(a)anthracene	1	1	1	5.6	11	1	**0.0590**	J	0.0540	U	0.0471	U	0.0516	U	**1.450**	D
Benzo(a)pyrene	1	1	1	1	1.1	22	**0.0535**	J	0.0540	U	0.0471	U	0.0516	U	**1.810**	D
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**1.520**	D
Benzo(g,h,i)perylene	100	100	100	500	1,000	1,000	0.0493	U	0.0540	U	0.0471	U	0.0516	U	1.020	D
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**1.230**	D
Benzoic acid	~	~	~	~	~	~	0.0493	UJ	0.0540	UJ	0.0471	UJ	0.0516	R	0.0560	U
Benzyl alcohol	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-01 (0-2) 24C1623-01 3/25/2024 8:30:00 AM Soil		RISB-01 (4-6) 24C1623-02 3/25/2024 8:37:00 AM Soil		RISB-01 (10-12) 24C1623-03 3/25/2024 8:44:00 AM Soil		RISB-01 (13-15) 24C1623-04 3/25/2024 8:50:00 AM Soil		RISB-02 (0-2) 24C1258-01 3/19/2024 11:15:00 AM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	UJ	0.0516	UJ	0.0560	U
Bis(2-chloroethoxy)methane	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Bis(2-chloroethyl)ether	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Bis(2-chloroisopropyl)ether	~	~	~	~	~	~	0.0493	UJ	0.0540	UJ	0.0471	U	0.0516	U	0.0560	U
Bis(2-ethylhexyl)phthalate	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	UJ	0.0516	UJ	0.0560	U
Caprolactam	~	~	~	~	~	~	0.0984	U	0.108	U	0.0939	U	0.103	U	0.112	U
Carbazole	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**0.112**	D
Chrysene	1	1	3.9	56	110	1	**0.0551**	J	0.0540	U	0.0471	U	0.0516	U	**1.280**	D
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**0.358**	D
Dibenzofuran	7	14	59	350	1,000	210	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**0.0795**	JD
Diethyl phthalate	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Dimethyl phthalate	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Di-n-butyl phthalate	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Di-n-octyl phthalate	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	UJ	0.0516	UJ	0.0560	U
Fluoranthene	100	100	100	500	1,000	1,000	**0.0858**	J	0.0540	U	0.0471	U	0.0516	U	**2.750**	D
Fluorene	30	100	100	500	1,000	386	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**0.112**	D
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Hexachlorobutadiene	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Hexachlorocyclopentadiene	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Hexachloroethane	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**1.080**	D
Isophorone	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Naphthalene	12	100	100	500	1,000	12	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Nitrobenzene	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
N-Nitrosodimethylamine	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
N-nitroso-di-n-propylamine	~	~	~	~	~	~	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
N-Nitrosodiphenylamine	~	~	~	~	~	~	0.0493	UJ	0.0540	UJ	0.0471	U	0.0516	U	0.0560	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Phenanthrene	100	100	100	500	1,000	1,000	0.0493	U	0.0540	U	0.0471	U	0.0516	U	**1.530**	D
Phenol	0.33	100	100	500	1,000	0.33	0.0493	U	0.0540	U	0.0471	U	0.0516	U	0.0560	U
Pyrene	100	100	100	500	1,000	1,000	**0.105**		0.0540	U	0.0471	U	0.0516	U	**1.960**	D
Pyridine	~	~	~	~	~	~	0.197	U	0.216	U	0.188	U	0.206	U	0.224	U
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1		1	
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.0187	U	0.0192	U	0.0196	U	0.0190	U	0.0194	U

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~=this indicates that no regulatory limit has been established for this analyte

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Bronx, New York 10456

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Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							2		2		2		2		2	
1,1-Biphenyl	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
1,2,4,5-Tetrachlorobenzene	~	~	~	~	~	~	0.0923	U	0.0949	U	0.105	U	0.0945	U	0.120	U
1,2,4-Trichlorobenzene	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2,3,4,6-Tetrachlorophenol	~	~	~	~	~	~	0.0923	U	0.0949	U	0.105	U	0.0945	U	0.120	U
2,4,5-Trichlorophenol	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2,4,6-Trichlorophenol	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2,4-Dichlorophenol	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2,4-Dimethylphenol	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2,4-Dinitrophenol	~	~	~	~	~	~	0.0923	U	0.0949	U	0.105	U	0.0945	U	0.120	U
2,4-Dinitrotoluene	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2,6-Dinitrotoluene	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2-Chloronaphthalene	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2-Chlorophenol	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2-Methylnaphthalene	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2-Methylphenol	0.33	100	100	500	1,000	0.33	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
2-Nitroaniline	~	~	~	~	~	~	0.0923	U	0.0949	U	0.105	U	0.0945	U	0.120	U
2-Nitrophenol	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
3- & 4-Methylphenols	0.33	34	100	500	1,000	0.33	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
3,3-Dichlorobenzidine	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
3-Nitroaniline	~	~	~	~	~	~	0.0923	U	0.0949	U	0.105	U	0.0945	U	0.120	U
4,6-Dinitro-2-methylphenol	~	~	~	~	~	~	0.0923	U	0.0949	U	0.105	U	0.0945	U	0.120	U
4-Bromophenyl phenyl ether	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
4-Chloro-3-methylphenol	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
4-Chloroaniline	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
4-Chlorophenyl phenyl ether	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
4-Nitroaniline	~	~	~	~	~	~	0.0923	U	0.0949	U	0.105	U	0.0945	U	0.120	U
4-Nitrophenol	~	~	~	~	~	~	0.0923	U	0.0949	U	0.105	U	0.0945	U	0.120	U
Acenaphthene	20	100	100	500	1,000	98	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Acenaphthylene	100	100	100	500	1,000	107	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Acetophenone	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Aniline	~	~	~	~	~	~	0.185	U	0.190	U	0.210	U	0.189	U	0.241	U
Anthracene	100	100	100	500	1,000	1,000	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Atrazine	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Benzaldehyde	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Benzidine	~	~	~	~	~	~	0.185	U	0.190	U	0.210	U	0.189	U	0.241	U
Benzo(a)anthracene	1	1	1	5.6	11	1	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Benzo(a)pyrene	1	1	1	1	1.1	22	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Benzo(g,h,i)perylene	100	100	100	500	1,000	1,000	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Benzoic acid	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Benzyl alcohol	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-02 (4-6) 24C1258-02 3/19/2024 11:40:00 AM Soil		RISB-02 (10-12) 24C1258-03 3/19/2024 11:50:00 AM Soil		RISB-02 (13-15) 24C1258-04 3/19/2024 12:00:00 PM Soil		RISB-03 (0-2) 24C1258-05 3/19/2024 12:20:00 PM Soil		RISB-03 (4-6) 24C1258-06 3/19/2024 12:30:00 PM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Bis(2-chloroethoxy)methane	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Bis(2-chloroethyl)ether	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Bis(2-chloroisopropyl)ether	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Bis(2-ethylhexyl)phthalate	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Caprolactam	~	~	~	~	~	~	0.0923	U	0.0949	U	0.105	U	0.0945	U	0.120	U
Carbazole	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Chrysene	1	1	3.9	56	110	1	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Dibenzofuran	7	14	59	350	1,000	210	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Diethyl phthalate	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Dimethyl phthalate	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Di-n-butyl phthalate	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Di-n-octyl phthalate	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Fluoranthene	100	100	100	500	1,000	1,000	0.0463	U	**0.0523**	JD	0.0525	U	0.0474	U	0.0603	U
Fluorene	30	100	100	500	1,000	386	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Hexachlorobutadiene	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Hexachlorocyclopentadiene	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Hexachloroethane	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Isophorone	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Naphthalene	12	100	100	500	1,000	12	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Nitrobenzene	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
N-Nitrosodimethylamine	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
N-nitroso-di-n-propylamine	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
N-Nitrosodiphenylamine	~	~	~	~	~	~	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Phenanthrene	100	100	100	500	1,000	1,000	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Phenol	0.33	100	100	500	1,000	0.33	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Pyrene	100	100	100	500	1,000	1,000	0.0463	U	0.0475	U	0.0525	U	0.0474	U	0.0603	U
Pyridine	~	~	~	~	~	~	0.185	U	0.190	U	0.210	U	0.189	U	0.241	U
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1		1	
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.0187	U	0.0192	U	0.0198	U	0.0198	U	0.0189	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-03 (10-12) 24C1258-07 3/19/2024 12:40:00 PM Soil		RISB-03 (13-15) 24C1258-08 3/19/2024 1:00:00 PM Soil		RISB-04 (0-2) 24C1258-09 3/19/2024 9:15:00 AM Soil		RISB-04 (4-6) 24C1258-10 3/19/2024 9:30:00 AM Soil		RISB-04 (10-12) 24C1258-11 3/19/2024 9:45:00 AM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							2		2		2		2		2	
1,1-Biphenyl	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
1,2,4,5-Tetrachlorobenzene	~	~	~	~	~	~	0.120	U	0.102	U	0.0863	U	0.0943	U	0.0941	U
1,2,4-Trichlorobenzene	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2,3,4,6-Tetrachlorophenol	~	~	~	~	~	~	0.120	U	0.102	U	0.0863	U	0.0943	U	0.0941	U
2,4,5-Trichlorophenol	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2,4,6-Trichlorophenol	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2,4-Dichlorophenol	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2,4-Dimethylphenol	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2,4-Dinitrophenol	~	~	~	~	~	~	0.120	U	0.102	U	0.0863	U	0.0943	U	0.0941	U
2,4-Dinitrotoluene	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2,6-Dinitrotoluene	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2-Chloronaphthalene	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2-Chlorophenol	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2-Methylnaphthalene	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2-Methylphenol	0.33	100	100	500	1,000	0.33	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
2-Nitroaniline	~	~	~	~	~	~	0.120	U	0.102	U	0.0863	U	0.0943	U	0.0941	U
2-Nitrophenol	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
3- & 4-Methylphenols	0.33	34	100	500	1,000	0.33	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
3,3-Dichlorobenzidine	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
3-Nitroaniline	~	~	~	~	~	~	0.120	U	0.102	U	0.0863	U	0.0943	U	0.0941	U
4,6-Dinitro-2-methylphenol	~	~	~	~	~	~	0.120	U	0.102	U	0.0863	U	0.0943	U	0.0941	U
4-Bromophenyl phenyl ether	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
4-Chloro-3-methylphenol	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
4-Chloroaniline	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
4-Chlorophenyl phenyl ether	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
4-Nitroaniline	~	~	~	~	~	~	0.120	U	0.102	U	0.0863	U	0.0943	U	0.0941	U
4-Nitrophenol	~	~	~	~	~	~	0.120	U	0.102	U	0.0863	U	0.0943	U	0.0941	U
Acenaphthene	20	100	100	500	1,000	98	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Acenaphthylene	100	100	100	500	1,000	107	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Acetophenone	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Aniline	~	~	~	~	~	~	0.241	U	0.203	U	0.173	U	0.189	U	0.188	U
Anthracene	100	100	100	500	1,000	1,000	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Atrazine	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Benzaldehyde	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Benzidine	~	~	~	~	~	~	0.241	U	0.203	U	0.173	U	0.189	U	0.188	U
Benzo(a)anthracene	1	1	1	5.6	11	1	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Benzo(a)pyrene	1	1	1	1	1.1	22	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Benzo(g,h,i)perylene	100	100	100	500	1,000	1,000	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Benzoic acid	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Benzyl alcohol	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-03 (10-12) 24C1258-07 3/19/2024 12:40:00 PM Soil		RISB-03 (13-15) 24C1258-08 3/19/2024 1:00:00 PM Soil		RISB-04 (0-2) 24C1258-09 3/19/2024 9:15:00 AM Soil		RISB-04 (4-6) 24C1258-10 3/19/2024 9:30:00 AM Soil		RISB-04 (10-12) 24C1258-11 3/19/2024 9:45:00 AM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Bis(2-chloroethoxy)methane	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Bis(2-chloroethyl)ether	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Bis(2-chloroisopropyl)ether	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Bis(2-ethylhexyl)phthalate	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	**0.644**	D	0.0472	U
Caprolactam	~	~	~	~	~	~	0.120	U	0.102	U	0.0863	U	0.0943	U	0.0941	U
Carbazole	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Chrysene	1	1	3.9	56	110	1	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Dibenzofuran	7	14	59	350	1,000	210	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Diethyl phthalate	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Dimethyl phthalate	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Di-n-butyl phthalate	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Di-n-octyl phthalate	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Fluoranthene	100	100	100	500	1,000	1,000	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Fluorene	30	100	100	500	1,000	386	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Hexachlorobutadiene	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Hexachlorocyclopentadiene	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Hexachloroethane	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Isophorone	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Naphthalene	12	100	100	500	1,000	12	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Nitrobenzene	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
N-Nitrosodimethylamine	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
N-nitroso-di-n-propylamine	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
N-Nitrosodiphenylamine	~	~	~	~	~	~	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Phenanthrene	100	100	100	500	1,000	1,000	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Phenol	0.33	100	100	500	1,000	0.33	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Pyrene	100	100	100	500	1,000	1,000	0.0602	U	0.0509	U	0.0432	U	0.0473	U	0.0472	U
Pyridine	~	~	~	~	~	~	0.241	U	0.203	U	0.173	U	0.189	U	0.188	U
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1		1	
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.0196	U	0.0189	U	0.0189	U	0.0189	U	0.0198	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-04 (13-15) 24C1258-12 3/19/2024 9:53:00 AM Soil		RISB-05 (10-12) 24C1623-05 3/25/2024 9:40:00 AM Soil		RISB-05 (13-15) 24C1623-06 3/25/2024 10:00:00 AM Soil		RISB-06 (0-2) 24C1715-01 3/26/2024 11:30:00 AM Soil		RISB-06 (4-6) 24C1715-02 3/26/2024 11:45:00 AM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							2		2		2		2		2	
1,1-Biphenyl	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
1,2,4,5-Tetrachlorobenzene	~	~	~	~	~	~	0.101	U	0.0983	U	0.0928	U	0.0932	U	0.0943	U
1,2,4-Trichlorobenzene	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
2,3,4,6-Tetrachlorophenol	~	~	~	~	~	~	0.101	U	0.0983	UJ	0.0928	UJ	0.0932	U	0.0943	U
2,4,5-Trichlorophenol	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
2,4,6-Trichlorophenol	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
2,4-Dichlorophenol	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
2,4-Dimethylphenol	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
2,4-Dinitrophenol	~	~	~	~	~	~	0.101	U	0.0983	UJ	0.0928	UJ	0.0932	U	0.0943	U
2,4-Dinitrotoluene	~	~	~	~	~	~	0.0508	U	0.0493	UJ	0.0465	UJ	0.0467	U	0.0473	U
2,6-Dinitrotoluene	~	~	~	~	~	~	0.0508	U	0.0493	UJ	0.0465	UJ	0.0467	U	0.0473	U
2-Chloronaphthalene	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
2-Chlorophenol	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
2-Methylnaphthalene	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
2-Methylphenol	0.33	100	100	500	1,000	0.33	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
2-Nitroaniline	~	~	~	~	~	~	0.101	U	0.0983	UJ	0.0928	UJ	0.0932	U	0.0943	U
2-Nitrophenol	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
3- & 4-Methylphenols	0.33	34	100	500	1,000	0.33	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
3,3-Dichlorobenzidine	~	~	~	~	~	~	0.0508	U	0.0493	UJ	0.0465	UJ	0.0467	U	0.0473	U
3-Nitroaniline	~	~	~	~	~	~	0.101	U	0.0983	UJ	0.0928	UJ	0.0932	U	0.0943	U
4,6-Dinitro-2-methylphenol	~	~	~	~	~	~	0.101	U	0.0983	UJ	0.0928	UJ	0.0932	UJ	0.0943	UJ
4-Bromophenyl phenyl ether	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
4-Chloro-3-methylphenol	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
4-Chloroaniline	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
4-Chlorophenyl phenyl ether	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
4-Nitroaniline	~	~	~	~	~	~	0.101	U	0.0983	UJ	0.0928	UJ	0.0932	U	0.0943	U
4-Nitrophenol	~	~	~	~	~	~	0.101	U	0.0983	U	0.0928	U	0.0932	U	0.0943	U
Acenaphthene	20	100	100	500	1,000	98	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Acenaphthylene	100	100	100	500	1,000	107	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Acetophenone	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Aniline	~	~	~	~	~	~	0.203	U	0.197	U	0.186	U	0.187	U	0.189	U
Anthracene	100	100	100	500	1,000	1,000	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Atrazine	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Benzaldehyde	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Benzidine	~	~	~	~	~	~	0.203	U	0.197	UJ	0.186	UJ	0.187	U	0.189	U
Benzo(a)anthracene	1	1	1	5.6	11	1	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Benzo(a)pyrene	1	1	1	1	1.1	22	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Benzo(g,h,i)perylene	100	100	100	500	1,000	1,000	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Benzoic acid	~	~	~	~	~	~	0.0508	U	0.0493	UJ	0.0465	UJ	0.0467	UJ	0.0473	UJ
Benzyl alcohol	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U

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Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-04 (13-15) 24C1258-12 3/19/2024 9:53:00 AM Soil		RISB-05 (10-12) 24C1623-05 3/25/2024 9:40:00 AM Soil		RISB-05 (13-15) 24C1623-06 3/25/2024 10:00:00 AM Soil		RISB-06 (0-2) 24C1715-01 3/26/2024 11:30:00 AM Soil		RISB-06 (4-6) 24C1715-02 3/26/2024 11:45:00 AM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	~	~	~	~	0.0508	U	0.0493	UJ	0.0465	UJ	0.0467	U	0.0473	U
Bis(2-chloroethoxy)methane	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Bis(2-chloroethyl)ether	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Bis(2-chloroisopropyl)ether	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Bis(2-ethylhexyl)phthalate	~	~	~	~	~	~	0.0508	U	**0.178**	J	0.0465	UJ	0.0467	U	0.0473	U
Caprolactam	~	~	~	~	~	~	0.101	U	0.0983	U	0.0928	U	0.0932	U	0.0943	U
Carbazole	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Chrysene	1	1	3.9	56	110	1	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Dibenzofuran	7	14	59	350	1,000	210	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Diethyl phthalate	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Dimethyl phthalate	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Di-n-butyl phthalate	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Di-n-octyl phthalate	~	~	~	~	~	~	0.0508	U	0.0493	UJ	0.0465	UJ	0.0467	U	0.0473	U
Fluoranthene	100	100	100	500	1,000	1,000	0.0508	U	**0.0495**	J	0.0465	U	**0.0648**	J	0.0473	U
Fluorene	30	100	100	500	1,000	386	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Hexachlorobutadiene	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Hexachlorocyclopentadiene	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Hexachloroethane	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Isophorone	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Naphthalene	12	100	100	500	1,000	12	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Nitrobenzene	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
N-Nitrosodimethylamine	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
N-nitroso-di-n-propylamine	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
N-Nitrosodiphenylamine	~	~	~	~	~	~	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Phenanthrene	100	100	100	500	1,000	1,000	0.0508	U	0.0493	U	0.0465	U	**0.0469**	J	0.0473	U
Phenol	0.33	100	100	500	1,000	0.33	0.0508	U	0.0493	U	0.0465	U	0.0467	U	0.0473	U
Pyrene	100	100	100	500	1,000	1,000	0.0508	U	0.0493	U	0.0465	U	**0.0633**	J	0.0473	U
Pyridine	~	~	~	~	~	~	0.203	U	0.197	U	0.186	U	0.187	U	0.189	U
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1		1	
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.0198	U	0.0189	U	0.0190	U	0.0198	U	0.0198	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
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Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-06 (10-12) 24C1715-03 3/26/2024 11:51:00 AM Soil		RISB-06 (13-15) 24C1715-04 3/26/2024 11:59:00 AM Soil		RISB-07 (0-2) 24C1715-05 3/26/2024 2:00:00 PM Soil		RISB-07 (4-6) 24C1715-06 3/26/2024 2:15:00 PM Soil		RISB-07 (10-12) 24C1715-07 3/26/2024 2:25:00 PM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							2		2		2		2		2	
1,1-Biphenyl	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
1,2,4,5-Tetrachlorobenzene	~	~	~	~	~	~	0.0877	U	0.0951	U	0.0944	U	0.0927	U	0.0845	U
1,2,4-Trichlorobenzene	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2,3,4,6-Tetrachlorophenol	~	~	~	~	~	~	0.0877	U	0.0951	U	0.0944	U	0.0927	U	0.0845	U
2,4,5-Trichlorophenol	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2,4,6-Trichlorophenol	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2,4-Dichlorophenol	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2,4-Dimethylphenol	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2,4-Dinitrophenol	~	~	~	~	~	~	0.0877	U	0.0951	U	0.0944	U	0.0927	U	0.0845	U
2,4-Dinitrotoluene	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2,6-Dinitrotoluene	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2-Chloronaphthalene	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2-Chlorophenol	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2-Methylnaphthalene	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2-Methylphenol	0.33	100	100	500	1,000	0.33	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
2-Nitroaniline	~	~	~	~	~	~	0.0877	U	0.0951	U	0.0944	U	0.0927	U	0.0845	U
2-Nitrophenol	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
3- & 4-Methylphenols	0.33	34	100	500	1,000	0.33	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
3,3-Dichlorobenzidine	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
3-Nitroaniline	~	~	~	~	~	~	0.0877	U	0.0951	U	0.0944	U	0.0927	U	0.0845	U
4,6-Dinitro-2-methylphenol	~	~	~	~	~	~	0.0877	UJ	0.0951	UJ	0.0944	UJ	0.0927	UJ	0.0845	UJ
4-Bromophenyl phenyl ether	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
4-Chloro-3-methylphenol	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
4-Chloroaniline	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
4-Chlorophenyl phenyl ether	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
4-Nitroaniline	~	~	~	~	~	~	0.0877	U	0.0951	U	0.0944	U	0.0927	U	0.0845	U
4-Nitrophenol	~	~	~	~	~	~	0.0877	U	0.0951	U	0.0944	U	0.0927	U	0.0845	U
Acenaphthene	20	100	100	500	1,000	98	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Acenaphthylene	100	100	100	500	1,000	107	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Acetophenone	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Aniline	~	~	~	~	~	~	0.176	U	0.190	U	0.189	U	0.186	U	0.169	U
Anthracene	100	100	100	500	1,000	1,000	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Atrazine	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Benzaldehyde	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Benzidine	~	~	~	~	~	~	0.176	U	0.190	U	0.189	U	0.186	U	0.169	U
Benzo(a)anthracene	1	1	1	5.6	11	1	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Benzo(a)pyrene	1	1	1	1	1.1	22	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Benzo(g,h,i)perylene	100	100	100	500	1,000	1,000	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Benzoic acid	~	~	~	~	~	~	0.0440	UJ	0.0477	R	0.0473	UJ	0.0465	UJ	0.0423	UJ
Benzyl alcohol	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-06 (10-12) 24C1715-03 3/26/2024 11:51:00 AM Soil		RISB-06 (13-15) 24C1715-04 3/26/2024 11:59:00 AM Soil		RISB-07 (0-2) 24C1715-05 3/26/2024 2:00:00 PM Soil		RISB-07 (4-6) 24C1715-06 3/26/2024 2:15:00 PM Soil		RISB-07 (10-12) 24C1715-07 3/26/2024 2:25:00 PM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Bis(2-chloroethoxy)methane	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Bis(2-chloroethyl)ether	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Bis(2-chloroisopropyl)ether	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Bis(2-ethylhexyl)phthalate	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Caprolactam	~	~	~	~	~	~	0.0877	U	0.0951	U	0.0944	U	0.0927	U	0.0845	U
Carbazole	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Chrysene	1	1	3.9	56	110	1	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Dibenzofuran	7	14	59	350	1,000	210	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Diethyl phthalate	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Dimethyl phthalate	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Di-n-butyl phthalate	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Di-n-octyl phthalate	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Fluoranthene	100	100	100	500	1,000	1,000	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Fluorene	30	100	100	500	1,000	386	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Hexachlorobutadiene	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Hexachlorocyclopentadiene	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Hexachloroethane	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Isophorone	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Naphthalene	12	100	100	500	1,000	12	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Nitrobenzene	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
N-Nitrosodimethylamine	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
N-nitroso-di-n-propylamine	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
N-Nitrosodiphenylamine	~	~	~	~	~	~	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Phenanthrene	100	100	100	500	1,000	1,000	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Phenol	0.33	100	100	500	1,000	0.33	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Pyrene	100	100	100	500	1,000	1,000	0.0440	U	0.0477	U	0.0473	U	0.0465	U	0.0423	U
Pyridine	~	~	~	~	~	~	0.176	U	0.190	U	0.189	U	0.186	U	0.169	U
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1		1	
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.0198	U	0.0198	U	0.0198	U	0.0196	U	0.0189	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

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1099 Webster Avenue
Bronx, New York 10456

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Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							2		2		2		2		2	
1,1-Biphenyl	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
1,2,4,5-Tetrachlorobenzene	~	~	~	~	~	~	0.105	U	0.0994	U	0.0967	U	0.0995	U	0.104	U
1,2,4-Trichlorobenzene	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
2,3,4,6-Tetrachlorophenol	~	~	~	~	~	~	0.105	U	0.0994	UJ	0.0967	UJ	0.0995	UJ	0.104	UJ
2,4,5-Trichlorophenol	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
2,4,6-Trichlorophenol	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
2,4-Dichlorophenol	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
2,4-Dimethylphenol	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
2,4-Dinitrophenol	~	~	~	~	~	~	0.105	U	0.0994	UJ	0.0967	UJ	0.0995	UJ	0.104	UJ
2,4-Dinitrotoluene	~	~	~	~	~	~	0.0526	U	0.0498	UJ	0.0485	UJ	0.0498	UJ	0.0520	UJ
2,6-Dinitrotoluene	~	~	~	~	~	~	0.0526	U	0.0498	UJ	0.0485	UJ	0.0498	UJ	0.0520	UJ
2-Chloronaphthalene	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
2-Chlorophenol	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
2-Methylnaphthalene	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
2-Methylphenol	0.33	100	100	500	1,000	0.33	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
2-Nitroaniline	~	~	~	~	~	~	0.105	U	0.0994	UJ	0.0967	UJ	0.0995	UJ	0.104	UJ
2-Nitrophenol	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
3- & 4-Methylphenols	0.33	34	100	500	1,000	0.33	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
3,3-Dichlorobenzidine	~	~	~	~	~	~	0.0526	U	0.0498	UJ	0.0485	UJ	0.0498	UJ	0.0520	UJ
3-Nitroaniline	~	~	~	~	~	~	0.105	U	0.0994	UJ	0.0967	UJ	0.0995	UJ	0.104	UJ
4,6-Dinitro-2-methylphenol	~	~	~	~	~	~	0.105	UJ	0.0994	UJ	0.0967	UJ	0.0995	UJ	0.104	UJ
4-Bromophenyl phenyl ether	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
4-Chloro-3-methylphenol	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
4-Chloroaniline	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
4-Chlorophenyl phenyl ether	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
4-Nitroaniline	~	~	~	~	~	~	0.105	U	0.0994	UJ	0.0967	UJ	0.0995	UJ	0.104	UJ
4-Nitrophenol	~	~	~	~	~	~	0.105	U	0.0994	U	0.0967	U	0.0995	U	0.104	U
Acenaphthene	20	100	100	500	1,000	98	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Acenaphthylene	100	100	100	500	1,000	107	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Acetophenone	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Aniline	~	~	~	~	~	~	0.210	U	0.199	U	0.194	U	0.199	U	0.208	U
Anthracene	100	100	100	500	1,000	1,000	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Atrazine	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Benzaldehyde	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Benzidine	~	~	~	~	~	~	0.210	U	0.199	UJ	0.194	UJ	0.199	UJ	0.208	UJ
Benzo(a)anthracene	1	1	1	5.6	11	1	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Benzo(a)pyrene	1	1	1	1	1.1	22	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Benzo(g,h,i)perylene	100	100	100	500	1,000	1,000	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Benzoic acid	~	~	~	~	~	~	0.0526	UJ	0.0498	UJ	0.0485	UJ	0.0498	UJ	0.0520	UJ
Benzyl alcohol	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-07 (13-15) 24C1715-08 3/26/2024 2:30:00 PM Soil		RISB-08 (0-2) 24C1623-07 3/25/2024 11:00:00 AM Soil		RISB-08 (4-6) 24C1623-08 3/25/2024 11:15:00 AM Soil		RISB-08 (10-12) 24C1623-09 3/25/2024 11:30:00 AM Soil		RISB-08 (13-15) 24C1623-10 3/25/2024 11:39:00 AM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	~	~	~	~	0.0526	U	0.0498	UJ	0.0485	UJ	0.0498	UJ	0.0520	UJ
Bis(2-chloroethoxy)methane	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Bis(2-chloroethyl)ether	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Bis(2-chloroisopropyl)ether	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Bis(2-ethylhexyl)phthalate	~	~	~	~	~	~	0.0526	U	0.0498	UJ	0.0485	UJ	0.0498	UJ	0.0520	UJ
Caprolactam	~	~	~	~	~	~	0.105	U	0.0994	U	0.0967	U	0.0995	U	0.104	U
Carbazole	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Chrysene	1	1	3.9	56	110	1	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Dibenzofuran	7	14	59	350	1,000	210	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Diethyl phthalate	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Dimethyl phthalate	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Di-n-butyl phthalate	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Di-n-octyl phthalate	~	~	~	~	~	~	0.0526	U	0.0498	UJ	0.0485	UJ	0.0498	UJ	0.0520	UJ
Fluoranthene	100	100	100	500	1,000	1,000	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Fluorene	30	100	100	500	1,000	386	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	0.0526	U	**0.0874**	J	0.0485	U	0.0498	U	0.0520	U
Hexachlorobutadiene	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Hexachlorocyclopentadiene	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Hexachloroethane	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Isophorone	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Naphthalene	12	100	100	500	1,000	12	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Nitrobenzene	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
N-Nitrosodimethylamine	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
N-nitroso-di-n-propylamine	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
N-Nitrosodiphenylamine	~	~	~	~	~	~	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Phenanthrene	100	100	100	500	1,000	1,000	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Phenol	0.33	100	100	500	1,000	0.33	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Pyrene	100	100	100	500	1,000	1,000	0.0526	U	0.0498	U	0.0485	U	0.0498	U	0.0520	U
Pyridine	~	~	~	~	~	~	0.210	U	0.199	U	0.194	U	0.199	U	0.208	U
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1		1	
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.0190	U	0.0194	U	0.0196	U	0.0190	U	0.0190	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-09 (0-2) 24C1623-11 3/25/2024 12:00:00 PM Soil		RISB-09 (4-6) 24C1623-12 3/25/2024 12:15:00 PM Soil		RISB-09 (10-12) 24C1623-13 3/25/2024 12:30:00 PM Soil		RISB-09 (13-15) 24C1623-14 3/25/2024 12:37:00 PM Soil		RISB-10 (0-2) 24C1623-15 3/25/2024 1:15:00 PM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							2		2		2		2		2	
1,1-Biphenyl	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
1,2,4,5-Tetrachlorobenzene	~	~	~	~	~	~	0.0939	U	0.0949	U	0.104	U	0.0928	UJ	0.0994	UJ
1,2,4-Trichlorobenzene	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	**0.655**		0.0498	U
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
2,3,4,6-Tetrachlorophenol	~	~	~	~	~	~	0.0939	UJ	0.0949	UJ	0.104	UJ	0.0928	U	0.0994	U
2,4,5-Trichlorophenol	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
2,4,6-Trichlorophenol	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
2,4-Dichlorophenol	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
2,4-Dimethylphenol	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
2,4-Dinitrophenol	~	~	~	~	~	~	0.0939	UJ	0.0949	UJ	0.104	UJ	0.0928	U	0.0994	U
2,4-Dinitrotoluene	~	~	~	~	~	~	0.0471	UJ	0.0476	UJ	0.0520	UJ	0.0465	UJ	0.0498	UJ
2,6-Dinitrotoluene	~	~	~	~	~	~	0.0471	UJ	0.0476	UJ	0.0520	UJ	0.0465	U	0.0498	U
2-Chloronaphthalene	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
2-Chlorophenol	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
2-Methylnaphthalene	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
2-Methylphenol	0.33	100	100	500	1,000	0.33	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
2-Nitroaniline	~	~	~	~	~	~	0.0939	UJ	0.0949	UJ	0.104	UJ	0.0928	U	0.0994	U
2-Nitrophenol	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
3- & 4-Methylphenols	0.33	34	100	500	1,000	0.33	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
3,3-Dichlorobenzidine	~	~	~	~	~	~	0.0471	UJ	0.0476	UJ	0.0520	UJ	0.0465	U	0.0498	U
3-Nitroaniline	~	~	~	~	~	~	0.0939	UJ	0.0949	UJ	0.104	UJ	0.0928	U	0.0994	U
4,6-Dinitro-2-methylphenol	~	~	~	~	~	~	0.0939	UJ	0.0949	UJ	0.104	UJ	0.0928	U	0.0994	U
4-Bromophenyl phenyl ether	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
4-Chloro-3-methylphenol	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
4-Chloroaniline	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
4-Chlorophenyl phenyl ether	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
4-Nitroaniline	~	~	~	~	~	~	0.0939	UJ	0.0949	UJ	0.104	UJ	0.0928	U	0.0994	U
4-Nitrophenol	~	~	~	~	~	~	0.0939	U	0.0949	U	0.104	U	0.0928	U	0.0994	U
Acenaphthene	20	100	100	500	1,000	98	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Acenaphthylene	100	100	100	500	1,000	107	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Acetophenone	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Aniline	~	~	~	~	~	~	0.188	U	0.190	U	0.208	U	0.186	U	0.199	U
Anthracene	100	100	100	500	1,000	1,000	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Atrazine	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Benzaldehyde	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Benzidine	~	~	~	~	~	~	0.188	UJ	0.190	UJ	0.208	UJ	0.186	UJ	0.199	UJ
Benzo(a)anthracene	1	1	1	5.6	11	1	**0.134**		0.0476	U	0.0520	U	0.0465	U	**0.0501**	
Benzo(a)pyrene	1	1	1	1	1.1	22	**0.134**		0.0476	U	0.0520	U	0.0465	U	0.0498	U
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	**0.105**		0.0476	U	0.0520	U	0.0465	U	0.0498	U
Benzo(g,h,i)perylene	100	100	100	500	1,000	1,000	**0.0803**	J	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	**0.117**		0.0476	U	0.0520	U	0.0465	U	0.0498	U
Benzoic acid	~	~	~	~	~	~	0.0471	UJ	0.0476	UJ	0.0520	UJ	0.0465	UJ	0.0498	UJ
Benzyl alcohol	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix **Compound**	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-09 (0-2) 24C1623-11 3/25/2024 12:00:00 PM Soil		RISB-09 (4-6) 24C1623-12 3/25/2024 12:15:00 PM Soil		RISB-09 (10-12) 24C1623-13 3/25/2024 12:30:00 PM Soil		RISB-09 (13-15) 24C1623-14 3/25/2024 12:37:00 PM Soil		RISB-10 (0-2) 24C1623-15 3/25/2024 1:15:00 PM Soil	
							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	~	~	~	~	0.0471	UJ	0.0476	UJ	0.0520	UJ	0.0465	U	0.0498	U
Bis(2-chloroethoxy)methane	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Bis(2-chloroethyl)ether	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Bis(2-chloroisopropyl)ether	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Bis(2-ethylhexyl)phthalate	~	~	~	~	~	~	0.0471	UJ	0.0476	UJ	0.0520	UJ	0.0465	U	0.0498	U
Caprolactam	~	~	~	~	~	~	0.0939	U	0.0949	U	0.104	U	0.0928	U	0.0994	U
Carbazole	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Chrysene	1	1	3.9	56	110	1	**0.117**		0.0476	U	0.0520	U	0.0465	U	**0.0525**	J
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Dibenzofuran	7	14	59	350	1,000	210	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Diethyl phthalate	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Dimethyl phthalate	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Di-n-butyl phthalate	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Di-n-octyl phthalate	~	~	~	~	~	~	0.0471	UJ	0.0476	UJ	0.0520	UJ	0.0465	U	0.0498	U
Fluoranthene	100	100	100	500	1,000	1,000	**0.242**		0.0476	U	0.0520	U	0.0465	U	**0.0978**	J
Fluorene	30	100	100	500	1,000	386	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Hexachlorobutadiene	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Hexachlorocyclopentadiene	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	UJ	0.0498	UJ
Hexachloroethane	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	**0.0811**	J	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Isophorone	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Naphthalene	12	100	100	500	1,000	12	0.0471	U	**0.0652**	J	**0.0664**	J	0.0465	U	**0.0660**	J
Nitrobenzene	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
N-Nitrosodimethylamine	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	UJ	0.0498	UJ
N-nitroso-di-n-propylamine	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
N-Nitrosodiphenylamine	~	~	~	~	~	~	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Phenanthrene	100	100	100	500	1,000	1,000	**0.137**		0.0476	U	0.0520	U	0.0465	U	**0.0548**	J
Phenol	0.33	100	100	500	1,000	0.33	0.0471	U	0.0476	U	0.0520	U	0.0465	U	0.0498	U
Pyrene	100	100	100	500	1,000	1,000	**0.215**		0.0476	U	0.0520	U	0.0465	U	**0.0843**	J
Pyridine	~	~	~	~	~	~	0.188	U	0.190	U	0.208	U	0.186	UJ	0.199	UJ
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1		1	
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.0192	U	0.0196	U	0.0194	U	0.0198	U	0.0192	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-10 (4-6) 24C1623-16 3/25/2024 1:30:00 PM Soil		RISB-10 (10-12) 24C1623-17 3/25/2024 1:45:00 PM Soil		RISB-10 (13-15) 24C1623-18 3/25/2024 2:00:00 PM Soil		DUP-032624 24C1715-10 3/26/2024 3:00:00 PM Soil		DUP032524 24C1623-19 3/25/2024 3:00:00 PM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							2		2		2		2		2	
1,1-Biphenyl	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
1,2,4,5-Tetrachlorobenzene	~	~	~	~	~	~	0.0915	UJ	0.0935	UJ	0.104	UJ	0.0974	U	0.104	UJ
1,2,4-Trichlorobenzene	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
2,3,4,6-Tetrachlorophenol	~	~	~	~	~	~	0.0915	U	0.0935	U	0.104	U	0.0974	U	0.104	U
2,4,5-Trichlorophenol	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
2,4,6-Trichlorophenol	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
2,4-Dichlorophenol	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
2,4-Dimethylphenol	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
2,4-Dinitrophenol	~	~	~	~	~	~	0.0915	U	0.0935	U	0.104	U	0.0974	U	0.104	U
2,4-Dinitrotoluene	~	~	~	~	~	~	0.0459	UJ	0.0468	UJ	0.0523	UJ	0.0488	U	0.0521	UJ
2,6-Dinitrotoluene	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
2-Chloronaphthalene	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
2-Chlorophenol	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
2-Methylnaphthalene	~	~	~	~	~	~	0.0459	U	0.0468	U	**0.0743**	J	0.0488	U	**1.050**	
2-Methylphenol	0.33	100	100	500	1,000	0.33	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
2-Nitroaniline	~	~	~	~	~	~	0.0915	U	0.0935	U	0.104	U	0.0974	U	0.104	U
2-Nitrophenol	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
3- & 4-Methylphenols	0.33	34	100	500	1,000	0.33	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
3,3-Dichlorobenzidine	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
3-Nitroaniline	~	~	~	~	~	~	0.0915	U	0.0935	U	0.104	U	0.0974	U	0.104	U
4,6-Dinitro-2-methylphenol	~	~	~	~	~	~	0.0915	U	0.0935	U	0.104	U	0.0974	UJ	0.104	U
4-Bromophenyl phenyl ether	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
4-Chloro-3-methylphenol	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
4-Chloroaniline	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
4-Chlorophenyl phenyl ether	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
4-Nitroaniline	~	~	~	~	~	~	0.0915	U	0.0935	U	0.104	U	0.0974	U	0.104	U
4-Nitrophenol	~	~	~	~	~	~	0.0915	U	0.0935	U	0.104	U	0.0974	U	0.104	U
Acenaphthene	20	100	100	500	1,000	98	0.0459	U	0.0468	U	0.0523	U	0.0488	U	**0.428**	
Acenaphthylene	100	100	100	500	1,000	107	0.0459	U	0.0468	U	0.0523	U	0.0488	U	**0.243**	
Acetophenone	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Aniline	~	~	~	~	~	~	0.183	U	0.187	U	0.209	U	0.195	U	0.208	U
Anthracene	100	100	100	500	1,000	1,000	0.0459	U	0.0468	U	0.0523	U	0.0488	U	**0.411**	
Atrazine	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Benzaldehyde	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Benzidine	~	~	~	~	~	~	0.183	UJ	0.187	UJ	0.209	UJ	0.195	U	0.208	UJ
Benzo(a)anthracene	1	1	1	5.6	11	1	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Benzo(a)pyrene	1	1	1	1	1.1	22	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Benzo(g,h,i)perylene	100	100	100	500	1,000	1,000	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Benzoic acid	~	~	~	~	~	~	0.0459	UJ	0.0468	UJ	0.0523	UJ	0.0488	UJ	0.0521	UJ
Benzyl alcohol	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U

Table 2b. SVOCs Soil Analytical Results
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Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-10 (4-6) 24C1623-16 3/25/2024 1:30:00 PM Soil		RISB-10 (10-12) 24C1623-17 3/25/2024 1:45:00 PM Soil		RISB-10 (13-15) 24C1623-18 3/25/2024 2:00:00 PM Soil		DUP-032624 24C1715-10 3/26/2024 3:00:00 PM Soil		DUP032524 24C1623-19 3/25/2024 3:00:00 PM Soil	
Compound							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Bis(2-chloroethoxy)methane	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Bis(2-chloroethyl)ether	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Bis(2-chloroisopropyl)ether	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Bis(2-ethylhexyl)phthalate	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Caprolactam	~	~	~	~	~	~	0.0915	U	0.0935	U	0.104	U	0.0974	U	0.104	U
Carbazole	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Chrysene	1	1	3.9	56	110	1	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Dibenzofuran	7	14	59	350	1,000	210	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Diethyl phthalate	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Dimethyl phthalate	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Di-n-butyl phthalate	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Di-n-octyl phthalate	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Fluoranthene	100	100	100	500	1,000	1,000	0.0459	U	0.0468	U	0.0523	U	0.0488	U	**0.0557**	J
Fluorene	30	100	100	500	1,000	386	0.0459	U	0.0468	U	0.0523	U	0.0488	U	**0.811**	
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Hexachlorobutadiene	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Hexachlorocyclopentadiene	~	~	~	~	~	~	0.0459	UJ	0.0468	UJ	0.0523	UJ	0.0488	U	0.0521	UJ
Hexachloroethane	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Isophorone	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Naphthalene	12	100	100	500	1,000	12	0.0459	U	0.0468	U	**0.196**		0.0488	U	**0.327**	
Nitrobenzene	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
N-Nitrosodimethylamine	~	~	~	~	~	~	0.0459	UJ	0.0468	U	0.0523	U	0.0488	U	0.0521	UJ
N-nitroso-di-n-propylamine	~	~	~	~	~	~	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
N-Nitrosodiphenylamine	~	~	~	~	~	~	0.0459	U	0.0468	UJ	0.0523	UJ	0.0488	U	0.0521	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Phenanthrene	100	100	100	500	1,000	1,000	0.0459	U	0.0468	U	0.0523	U	0.0488	U	**1.730**	
Phenol	0.33	100	100	500	1,000	0.33	0.0459	U	0.0468	U	0.0523	U	0.0488	U	0.0521	U
Pyrene	100	100	100	500	1,000	1,000	0.0459	U	0.0468	U	0.0523	U	0.0488	U	**0.208**	
Pyridine	~	~	~	~	~	~	0.183	UJ	0.187	UJ	0.209	UJ	0.195	U	0.208	UJ
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1		1	
1,4-Dioxane	0.1	9.8	13	130	250	0.1	0.0192	U	0.0198	U	0.0194	U	0.0189	U	0.0198	U

NOTES:

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Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
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mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2c. PCB Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-01 (0-2) 24C1623-01 3/25/2024 8:30:00 AM Soil		RISB-01 (4-6) 24C1623-02 3/25/2024 8:37:00 AM Soil		RISB-01 (10-12) 24C1623-03 3/25/2024 8:44:00 AM Soil		RISB-01 (13-15) 24C1623-04 3/25/2024 8:50:00 AM Soil		RISB-02 (0-2) 24C1258-01 3/19/2024 11:15:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0379	U	0.0426	U	0.0364	U	0.0401	U	0.0442	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00190	U	0.00213	U	0.00182	U	0.00200	U	0.00221	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.190	U	0.213	U	0.182	U	0.200	U	0.221	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0192	U	0.0215	U	0.0184	U	0.0202	UJ	0.0223	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0192	U	0.0215	U	0.0184	U	0.0202	U	0.0223	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0192	U	0.0215	U	0.0184	U	0.0202	U	0.0223	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0192	U	0.0215	U	0.0184	U	0.0202	U	0.0223	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0192	U	0.0215	U	0.0184	U	0.0202	U	0.0223	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0192	U	0.0215	U	0.0184	U	0.0202	U	0.0223	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0192	U	0.0215	U	0.0184	U	0.0202	U	0.0223	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0192	U	0.0215	U	0.0184	U	0.0202	U	0.0223	U

NOTES:

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Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2c. PCB Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-02 (4-6) 24C1258-02 3/19/2024 11:40:00 AM Soil		RISB-02 (10-12) 24C1258-03 3/19/2024 11:50:00 AM Soil		RISB-02 (13-15) 24C1258-04 3/19/2024 12:00:00 PM Soil		RISB-03 (0-2) 24C1258-05 3/19/2024 12:20:00 PM Soil		RISB-03 (4-6) 24C1258-06 3/19/2024 12:30:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0365	U	0.0385	U	0.0412	U	0.0381	U	0.0474	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00183	U	0.00193	U	0.00206	U	0.00191	U	0.00237	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.183	U	0.193	U	0.206	U	0.191	U	0.237	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0184	U	0.0195	U	0.0208	U	0.0193	U	0.0239	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0184	U	0.0195	U	0.0208	U	0.0193	U	0.0239	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0184	U	0.0195	U	0.0208	U	0.0193	U	0.0239	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0184	U	0.0195	U	0.0208	U	0.0193	U	0.0239	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0184	U	0.0195	U	0.0208	U	0.0193	U	0.0239	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0184	U	0.0195	U	0.0208	U	0.0193	U	0.0239	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0184	U	0.0195	U	0.0208	U	0.0193	U	0.0239	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0184	U	0.0195	U	0.0208	U	0.0193	U	0.0239	U

NOTES:

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mg/Kg:miligrams per kilogram
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U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2c. PCB Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-03 (10-12) 24C1258-07 3/19/2024 12:40:00 PM Soil		RISB-03 (13-15) 24C1258-08 3/19/2024 1:00:00 PM Soil		RISB-04 (0-2) 24C1258-09 3/19/2024 9:15:00 AM Soil		RISB-04 (4-6) 24C1258-10 3/19/2024 9:30:00 AM Soil		RISB-04 (10-12) 24C1258-11 3/19/2024 9:45:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0485	U	0.0398	U	0.0345	U	0.0371	U	0.0372	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00242	U	0.00199	U	0.00172	U	0.00185	U	0.00186	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.242	U	0.199	U	0.172	U	0.185	U	0.186	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0245	U	0.0201	U	0.0174	U	0.0187	U	0.0188	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0245	U	0.0201	U	0.0174	U	0.0187	U	0.0188	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0245	U	0.0201	U	0.0174	U	0.0187	U	0.0188	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0245	U	0.0201	U	0.0174	U	0.0187	U	0.0188	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0245	U	0.0201	U	0.0174	U	0.0187	U	0.0188	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0245	U	0.0201	U	0.0174	U	0.0187	U	0.0188	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0245	U	0.0201	U	0.0174	U	0.0187	U	0.0188	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0245	U	0.0201	U	0.0174	U	0.0187	U	0.0188	U

NOTES:

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Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2c. PCB Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-04 (13-15) 24C1258-12 3/19/2024 9:53:00 AM Soil		RISB-05 (10-12) 24C1623-05 3/25/2024 9:40:00 AM Soil		RISB-05 (13-15) 24C1623-06 3/25/2024 10:00:00 AM Soil		RISB-06 (0-2) 24C1715-01 3/26/2024 11:30:00 AM Soil		RISB-06 (4-6) 24C1715-02 3/26/2024 11:45:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0395	U	0.0741	U	0.0367	U	0.0370	U	0.0374	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00197	U	0.00370	U	0.00184	U	0.00185	U	0.00187	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.197	U	0.370	U	0.184	U	0.185	U	0.187	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0199	U	0.0374	U	0.0185	U	0.0187	U	0.0189	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0199	U	0.0374	U	0.0185	U	0.0187	U	0.0189	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0199	U	0.0374	U	0.0185	U	0.0187	U	0.0189	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0199	U	0.0374	U	0.0185	U	0.0187	U	0.0189	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0199	U	0.0374	U	0.0185	U	0.0187	U	0.0189	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0199	U	0.0374	U	0.0185	U	0.0187	U	0.0189	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0199	U	0.0374	U	0.0185	U	0.0187	U	0.0189	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0199	U	0.0374	U	0.0185	U	0.0187	U	0.0189	U

NOTES:

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Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2c. PCB Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-06 (10-12) 24C1715-03 3/26/2024 11:51:00 AM Soil		RISB-06 (13-15) 24C1715-04 3/26/2024 11:59:00 AM Soil		RISB-07 (0-2) 24C1715-05 3/26/2024 2:00:00 PM Soil		RISB-07 (4-6) 24C1715-06 3/26/2024 2:15:00 PM Soil		RISB-07 (10-12) 24C1715-07 3/26/2024 2:25:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0352	U	0.0378	U	0.0379	U	0.0369	U	0.0333	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00176	U	0.00189	U	0.00189	U	0.00185	U	0.00167	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.176	U	0.189	U	0.189	U	0.185	U	0.167	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0178	U	0.0191	U	0.0191	U	0.0186	U	0.0168	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0178	U	0.0191	U	0.0191	U	0.0186	U	0.0168	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0178	U	0.0191	U	0.0191	U	0.0186	U	0.0168	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0178	U	0.0191	U	0.0191	U	0.0186	U	0.0168	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0178	U	0.0191	U	0.0191	U	0.0186	U	0.0168	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0178	U	0.0191	U	0.0191	U	0.0186	U	0.0168	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0178	U	0.0191	U	0.0191	U	0.0186	U	0.0168	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0178	U	0.0191	U	0.0191	U	0.0186	U	0.0168	U

NOTES:

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Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
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J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2c. PCB Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-07 (13-15) 24C1715-08 3/26/2024 2:30:00 PM Soil		RISB-08 (0-2) 24C1623-07 3/25/2024 11:00:00 AM Soil		RISB-08 (4-6) 24C1623-08 3/25/2024 11:15:00 AM Soil		RISB-08 (10-12) 24C1623-09 3/25/2024 11:30:00 AM Soil		RISB-08 (13-15) 24C1623-10 3/25/2024 11:39:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0410	U	0.0393	U	0.0378	U	0.0392	U	0.0406	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00205	U	0.00197	U	0.00189	U	0.00196	U	0.00203	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.205	U	0.197	U	0.189	U	0.196	U	0.203	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0207	U	0.0199	U	0.0191	U	0.0198	U	0.0205	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0207	U	0.0199	U	0.0191	U	0.0198	U	0.0205	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0207	U	0.0199	U	0.0191	U	0.0198	U	0.0205	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0207	U	0.0199	U	0.0191	U	0.0198	U	0.0205	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0207	U	0.0199	U	0.0191	U	0.0198	U	0.0205	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0207	U	0.0199	U	0.0191	U	0.0198	U	0.0205	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0207	U	0.0199	U	0.0191	U	0.0198	U	0.0205	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0207	U	0.0199	U	0.0191	U	0.0198	U	0.0205	U

NOTES:

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Exceeds NYSDEC Commercial SCOs
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Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
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~=this indicates that no regulatory limit has been established for this analyte

Table 2c. PCB Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-09 (0-2) 24C1623-11 3/25/2024 12:00:00 PM Soil		RISB-09 (4-6) 24C1623-12 3/25/2024 12:15:00 PM Soil		RISB-09 (10-12) 24C1623-13 3/25/2024 12:30:00 PM Soil		RISB-09 (13-15) 24C1623-14 3/25/2024 12:37:00 PM Soil		RISB-10 (0-2) 24C1623-15 3/25/2024 1:15:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0369	U	0.0374	U	0.0411	U	0.0366	U	0.0392	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00185	U	0.00187	U	0.00205	U	0.00183	U	0.00196	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.185	U	0.187	U	0.205	U	0.183	U	0.196	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0186	U	0.0189	U	0.0207	U	0.0185	U	0.0198	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0186	U	0.0189	U	0.0207	U	0.0185	U	0.0198	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0186	U	0.0189	U	0.0207	U	0.0185	U	0.0198	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0186	U	0.0189	U	0.0207	U	0.0185	U	0.0198	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0186	U	0.0189	U	0.0207	U	0.0185	U	0.0198	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0186	U	0.0189	U	0.0207	U	0.0185	U	0.0198	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0186	U	0.0189	U	0.0207	U	0.0185	U	0.0198	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0186	U	0.0189	U	0.0207	U	0.0185	U	0.0198	U

NOTES:

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Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2c. PCB Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-10 (4-6) 24C1623-16 3/25/2024 1:30:00 PM Soil		RISB-10 (10-12) 24C1623-17 3/25/2024 1:45:00 PM Soil		RISB-10 (13-15) 24C1623-18 3/25/2024 2:00:00 PM Soil		DUP-032624 24C1715-10 3/26/2024 3:00:00 PM Soil		DUP032524 24C1623-19 3/25/2024 3:00:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0357	U	0.0367	U	0.0412	U	0.0384	U	0.0409	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00179	U	0.00184	U	0.00206	U	0.00192	U	0.00204	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.179	U	0.184	U	0.206	U	0.192	U	0.204	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0180	U	0.0185	U	0.0208	U	0.0194	U	0.0206	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0180	U	0.0185	U	0.0208	U	0.0194	U	0.0206	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0180	U	0.0185	U	0.0208	U	0.0194	U	0.0206	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0180	U	0.0185	U	0.0208	U	0.0194	U	0.0206	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0180	U	0.0185	U	0.0208	U	0.0194	U	0.0206	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0180	U	0.0185	U	0.0208	U	0.0194	U	0.0206	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0180	U	0.0185	U	0.0208	U	0.0194	U	0.0206	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0180	U	0.0185	U	0.0208	U	0.0194	U	0.0206	U

NOTES:

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mg/Kg:miligrams per kilogram
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NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2d. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-01 (0-2)		RISB-01 (4-6)		RISB-01 (10-12)		RISB-01 (13-15)		RISB-02 (0-2)	
York ID								24C1623-01		24C1623-02		24C1623-03		24C1623-04		24C1258-01	
Sampling Date								3/25/2024 8:30:00 AM		3/25/2024 8:37:00 AM		3/25/2024 8:44:00 AM		3/25/2024 8:50:00 AM		3/19/2024 11:15:00 AM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	**13,600**	J	**19,400**	J	**8,660**	J	**6,310**	J	**13,100**	
Antimony	7440-36-0	~	~	~	~	~	~	2.470	UJ	2.700	UJ	2.350	UJ	2.580	UJ	**13.300**	J
Arsenic	7440-38-2	13	16	16	16	16	16	1.480	U	**3.800**		**2.400**		1.550	U	**7.600**	
Barium	7440-39-3	350	350	400	400	10,000	820	**57.900**	J	**83.800**	J	**71**	J	**45**	J	**221**	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.0500	U	0.0540	U	0.0470	U	0.0520	U	0.0560	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	**0.571**	J	0.324	UJ	**0.325**	J	0.310	UJ	**0.416**	J
Calcium	7440-70-2	~	~	~	~	~	~	**66,000**	J	**2,000**	J	**2,090**	J	**2,480**	J	**35,700**	
Chromium	7440-47-3	~	~	~	~	~	~	**20.500**	J	**26.100**	J	**24.800**	J	**21.900**	J	**18.600**	
Cobalt	7440-48-4	~	~	~	~	~	~	**7.250**	J	**11.300**	J	**8.500**	J	**5.440**	J	**8.660**	
Copper	7440-50-8	50	270	270	270	10,000	1,720	**26.200**	J	**22.800**	J	**18.500**	J	**15**	J	**155**	
Iron	7439-89-6	~	~	~	~	~	~	**18,200**	J	**23,400**	J	**11,800**	J	**8,540**	J	**18,500**	
Lead	7439-92-1	63	400	400	1,000	3,900	450	**39**	J	**16**	J	**4.620**	J	**2.760**	J	**362**	
Magnesium	7439-95-4	~	~	~	~	~	~	**37,700**	J	**5,430**	J	**4,470**	J	**3,340**	J	**12,400**	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	**187**	J	**237**	J	**115**	J	**98.100**	J	**321**	
Nickel	7440-02-0	30	140	310	310	10,000	130	**13.600**	J	**20.400**	J	**19.500**	J	**13.600**	J	**20.100**	
Potassium	7440-09-7	~	~	~	~	~	~	**1,290**	J	**1,560**	J	**1,530**	J	**2,070**	J	**2,070**	
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.470	U	2.700	U	2.350	U	2.580	U	2.800	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.497	R	0.544	R	0.475	R	0.520	R	0.565	U
Sodium	7440-23-5	~	~	~	~	~	~	**96.300**	J	**130**	J	**117**	J	**183**	J	**817**	
Thallium	7440-28-0	~	~	~	~	~	~	2.470	U	2.700	U	2.350	U	2.580	U	2.800	U
Vanadium	7440-62-2	~	~	~	~	~	~	**28.400**	J	**36.200**	J	**48**	J	**19.800**	J	**33.600**	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	**61**	J	**58.900**	J	**44.300**	J	**31.100**	J	**354**	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	**0.306**		0.0389	U	0.0339	U	0.0372	U	**0.481**	
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.592	U	0.648	U	0.565	U	0.619	U	0.672	U

NOTES:

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P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
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~=this indicates that no regulatory limit has been established for this analyte

Table 2d. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-02 (4-6)		RISB-02 (10-12)		RISB-02 (13-15)		RISB-03 (0-2)		RISB-03 (4-6)	
York ID								24C1258-02		24C1258-03		24C1258-04		24C1258-05		24C1258-06	
Sampling Date								3/19/2024 11:40:00 AM		3/19/2024 11:50:00 AM		3/19/2024 12:00:00 PM		3/19/2024 12:20:00 PM		3/19/2024 12:30:00 PM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	**7,720**		**7,020**		**5,120**		**22,400**		**25,900**	
Antimony	7440-36-0	~	~	~	~	~	~	2.340	UJ	2.440	UJ	2.630	UJ	2.420	UJ	3.060	UJ
Arsenic	7440-38-2	13	16	16	16	16	16	**1.650**		1.460	U	1.580	U	**5.130**		**4.210**	
Barium	7440-39-3	350	350	400	400	10,000	820	**354**		**41.500**		**29.400**		**85.900**		**438**	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.0470	U	0.0490	U	0.0530	U	0.0490	U	0.0620	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.281	UJ	0.293	UJ	0.315	UJ	**0.336**	J	**0.427**	J
Calcium	7440-70-2	~	~	~	~	~	~	**3,490**		**17,400**		**2,490**		**25,400**		**4,750**	
Chromium	7440-47-3	~	~	~	~	~	~	**18.400**		**19.600**		**17.700**		**29.900**		**70**	
Cobalt	7440-48-4	~	~	~	~	~	~	**5.150**		**4.510**		**5.560**		**11.600**		**9.030**	
Copper	7440-50-8	50	270	270	270	10,000	1,720	**6.450**		**17**		**15.300**		**30.300**		**11.500**	
Iron	7439-89-6	~	~	~	~	~	~	**8,100**		**8,470**		**7,430**		**26,600**		**16,200**	
Lead	7439-92-1	63	400	400	1,000	3,900	450	**6.650**		**8.340**		**3.160**		**50.800**		**8.070**	
Magnesium	7439-95-4	~	~	~	~	~	~	**2,670**		**2,910**		**2,680**		**20,900**		**4,910**	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	**97**		**116**		**77.200**		**584**		**166**	
Nickel	7440-02-0	30	140	310	310	10,000	130	**9.640**		**10**		**13.200**		**19.600**		**23.400**	
Potassium	7440-09-7	~	~	~	~	~	~	**477**		**1,060**		**1,170**		**2,650**		**1,550**	
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.340	U	2.440	U	2.630	U	2.420	U	**3.210**	
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.473	U	0.492	U	0.530	U	0.487	U	0.618	U
Sodium	7440-23-5	~	~	~	~	~	~	**107**		**206**		**199**		**555**		**175**	
Thallium	7440-28-0	~	~	~	~	~	~	2.340	U	2.440	U	2.630	U	2.420	U	3.060	U
Vanadium	7440-62-2	~	~	~	~	~	~	**16.800**		**19.800**		**19.300**		40.100		**49**	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	**40.200**		**29.500**		**26.800**		**69.900**		**79.600**	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	**0.137**		0.0351	U	0.0378	U	**0.117**		**0.150**	
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.563	U	0.586	U	0.631	U	0.580	U	0.735	U

NOTES:

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Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
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R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
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Table 2d. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-03 (10-12)		RISB-03 (13-15)		RISB-04 (0-2)		RISB-04 (4-6)		RISB-04 (10-12)	
York ID								24C1258-07		24C1258-08		24C1258-09		24C1258-10		24C1258-11	
Sampling Date								3/19/2024 12:40:00 PM		3/19/2024 1:00:00 PM		3/19/2024 9:15:00 AM		3/19/2024 9:30:00 AM		3/19/2024 9:45:00 AM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	**17,700**		**7,780**		**8,010**		**14,900**		**4,420**	
Antimony	7440-36-0	~	~	~	~	~	~	3.070	UJ	2.550	UJ	2.200	UJ	2.370	UJ	2.360	UJ
Arsenic	7440-38-2	13	16	16	16	16	16	**9.820**		**1.590**		1.320	U	**1.870**		1.420	U
Barium	7440-39-3	350	350	400	400	10,000	820	**92.300**		**43.500**		**30.300**		**41.800**		**25.300**	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.0620	U	0.0510	U	0.0440	U	0.0480	U	0.0480	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	**0.411**	J	0.305	UJ	0.265	UJ	0.285	UJ	0.283	UJ
Calcium	7440-70-2	~	~	~	~	~	~	**21,900**		**8,150**		**143,000**		**9,390**		**1,450**	
Chromium	7440-47-3	~	~	~	~	~	~	**36.500**		**25.600**		**7.540**		**27.200**		**13.900**	
Cobalt	7440-48-4	~	~	~	~	~	~	**17.100**		**8.790**		**2.280**		**7.890**		**4.210**	
Copper	7440-50-8	50	270	270	270	10,000	1,720	**29.400**		**17.900**		**4.960**		**9.340**		**9.110**	
Iron	7439-89-6	~	~	~	~	~	~	**25,600**		**12,500**		**10,300**		**15,400**		**5,650**	
Lead	7439-92-1	63	400	400	1,000	3,900	450	**31.400**		**3.600**		**3.410**		**5.770**		**2.350**	
Magnesium	7439-95-4	~	~	~	~	~	~	**16,200**		**7,370**		**80,600**		**5,200**		**2,010**	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	**393**		**143**		**296**		**122**		**59.700**	
Nickel	7440-02-0	30	140	310	310	10,000	130	**25.300**		**18.600**		**4.150**		**15**		**10.600**	
Potassium	7440-09-7	~	~	~	~	~	~	**2,010**		**2,010**		**258**		**624**		**713**	
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	3.070	U	2.550	U	2.200	U	2.370	U	2.360	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.619	U	0.513	U	0.445	U	0.478	U	0.476	U
Sodium	7440-23-5	~	~	~	~	~	~	**346**		**283**		**154**		**180**		**114**	
Thallium	7440-28-0	~	~	~	~	~	~	3.070	U	2.550	U	2.200	U	2.370	U	2.360	U
Vanadium	7440-62-2	~	~	~	~	~	~	**42.500**		**31.100**		**11.100**		**29.600**		**12.800**	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	**87.600**		**38.200**		**15.300**		**41.800**		**17.600**	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	0.0442	U	0.0367	U	0.0318	U	0.0341	U	0.0340	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.737	U	0.611	U	0.529	U	0.569	U	0.566	U

NOTES:

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Table 2d. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-04 (13-15)		RISB-05 (10-12)		RISB-05 (13-15)		RISB-06 (0-2)		RISB-06 (4-6)	
York ID								24C1258-12		24C1623-05		24C1623-06		24C1715-01		24C1715-02	
Sampling Date								3/19/2024 9:53:00 AM		3/25/2024 9:40:00 AM		3/25/2024 10:00:00 AM		3/26/2024 11:30:00 AM		3/26/2024 11:45:00 AM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	**7,440**		**8,180**	J	**4,450**	J	4.690	U	**204**	J
Antimony	7440-36-0	~	~	~	~	~	~	2.550	UJ	2.460	UJ	2.330	U	2.340	UJ	2.370	UJ
Arsenic	7440-38-2	13	16	16	16	16	16	**2.540**		**4.060**		**2.660**		1.410	U	**2**	
Barium	7440-39-3	350	350	400	400	10,000	820	45.900		**85.700**	J	**60.100**		2.340	U	**2.420**	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.0510	UJ	0.0500	U	0.0470	U	0.0470	U	0.0480	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.306	UJ	0.296	UJ	0.279	UJ	0.281	UJ	0.285	UJ
Calcium	7440-70-2	~	~	~	~	~	~	**3,520**		**23,700**	J	**2,050**		15.200	U	**659**	J
Chromium	7440-47-3	~	~	~	~	~	~	**20**		**20.200**	J	**17.700**		0.469	U	**1.100**	
Cobalt	7440-48-4	~	~	~	~	~	~	**6.160**		**5.710**	J	**3.960**		0.374	U	**0.641**	J
Copper	7440-50-8	50	270	270	270	10,000	1,720	**21.600**		**24.200**	J	**17.500**		1.870	U	1.900	U
Iron	7439-89-6	~	~	~	~	~	~	**12,200**		**16,400**	J	**12,000**		23.400	U	**2,880**	J
Lead	7439-92-1	63	400	400	1,000	3,900	450	**4.580**		**171**	J	**3.760**	J	0.469	U	0.475	U
Magnesium	7439-95-4	~	~	~	~	~	~	**3,820**		**3,730**	J	**2,350**		**1,290**	J	**1,240**	J
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	**155**		**282**	J	**557**		0.469	U	**1.920**	J
Nickel	7440-02-0	30	140	310	310	10,000	130	**14.200**		**13.700**	J	**12.600**		0.933	U	**1.180**	J
Potassium	7440-09-7	~	~	~	~	~	~	**1,770**		**2,340**	J	**1,280**		4.690	U	4.750	U
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.550	U	2.460	U	2.330	U	2.340	U	2.370	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.514	U	0.497	R	0.469	U	0.472	UJ	0.478	UJ
Sodium	7440-23-5	~	~	~	~	~	~	**321**		**302**	J	**150**		**1,440**	J	**1,270**	J
Thallium	7440-28-0	~	~	~	~	~	~	2.550	U	2.460	U	2.330	U	2.340	U	2.370	U
Vanadium	7440-62-2	~	~	~	~	~	~	**23.500**		**27.500**	J	**22.700**		0.933	U	**1.310**	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	**31.600**		**34.400**	J	**19.800**		2.330	U	2.720	U
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	0.0367	U	0.0355	U	0.0335	U	**0.0345**	J	0.0342	UJ
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.612	U	0.591	U	0.559	U	0.562	U	0.569	U

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York ID								24C1715-03		24C1715-04		24C1715-05		24C1715-06		24C1715-07	
Sampling Date								3/26/2024 11:51:00 AM		3/26/2024 11:59:00 AM		3/26/2024 2:00:00 PM		3/26/2024 2:15:00 PM		3/26/2024 2:25:00 PM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	**6,800**	J	**2,460**	J	**3,880**	J	**14,200**	J	**6,360**	J
Antimony	7440-36-0	~	~	~	~	~	~	2.230	UJ	2.390	UJ	2.400	UJ	2.350	UJ	2.150	JD
Arsenic	7440-38-2	13	16	16	16	16	16	**2.350**		1.430	U	**2.080**		**3.170**		**1.630**	
Barium	7440-39-3	350	350	400	400	10,000	820	**136**		**24.800**		**44.100**		**65.700**		**52.200**	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.0450	U	0.0480	U	0.0480	U	0.0470	U	0.0430	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.267	UJ	**0.392**	J	**2.550**	J	0.282	UJ	0.258	UJ
Calcium	7440-70-2	~	~	~	~	~	~	**4,740**	J	**10,300**	J	**603**	J	**1,280**	J	**1,650**	J
Chromium	7440-47-3	~	~	~	~	~	~	**13.900**		**9.840**		**28.900**		**27.900**		**14.600**	
Cobalt	7440-48-4	~	~	~	~	~	~	**8.240**	J	**3.420**	J	**12.200**	J	**9.490**	J	**7.240**	J
Copper	7440-50-8	50	270	270	270	10,000	1,720	**23**		8.740	U	18.500	U	17.300	U	18.600	U
Iron	7439-89-6	~	~	~	~	~	~	**12,100**	J	**5,800**	J	**11,800**	J	**20,400**	J	**12,600**	J
Lead	7439-92-1	63	400	400	1,000	3,900	450	2.890	U	2.130	U	**9.620**		5.130	U	2.680	U
Magnesium	7439-95-4	~	~	~	~	~	~	**4,670**	J	**6,930**	J	**3,850**	J	**5,290**	J	**3,140**	J
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	**1,200**		**258**		**360**		**350**		**133**	
Nickel	7440-02-0	30	140	310	310	10,000	130	**17.500**	J	**8.860**	J	**17**	J	**18.200**	J	**14.100**	J
Potassium	7440-09-7	~	~	~	~	~	~	**1,540**	J	**565**	J	**822**	J	**1,180**	J	**1,950**	J
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.230	U	2.390	U	2.400	U	**2.950**		2.150	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.449	UJ	0.482	UJ	0.483	UJ	0.473	UJ	0.434	UJ
Sodium	7440-23-5	~	~	~	~	~	~	**337**	J	**133**	J	**569**	J	**578**	J	**188**	J
Thallium	7440-28-0	~	~	~	~	~	~	2.230	U	2.390	U	2.400	U	2.350	U	2.150	U
Vanadium	7440-62-2	~	~	~	~	~	~	**21.800**		**11.800**		**36.600**		**32.300**		**19.300**	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	29.500	U	14.900	U	**45.700**	J	**47.800**	J	**34.100**	J
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	0.0321	UJ	0.0344	UJ	0.0345	UJ	0.0338	UJ	0.0310	UJ
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.535	U	0.574	U	0.576	U	0.563	U	0.516	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

mg/Kg:miligrams per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2d. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-07 (13-15)		RISB-08 (0-2)		RISB-08 (4-6)		RISB-08 (10-12)		RISB-08 (13-15)	
York ID								24C1715-08		24C1623-07		24C1623-08		24C1623-09		24C1623-10	
Sampling Date								3/26/2024 2:30:00 PM		3/25/2024 11:00:00 AM		3/25/2024 11:15:00 AM		3/25/2024 11:30:00 AM		3/25/2024 11:39:00 AM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	**7,760**	J	**20,500**	J	**17,700**	J	**6,410**	J	**4,920**	J
Antimony	7440-36-0	~	~	~	~	~	~	2.630	UJ	2.490	U	2.420	U	2.490	U	2.600	U
Arsenic	7440-38-2	13	16	16	16	16	16	1.580	U	**2.760**		**1.830**		**2.250**		1.560	U
Barium	7440-39-3	350	350	400	400	10,000	820	**51.100**		**63.500**		**42.700**		**31.600**		**26.400**	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.0530	U	0.0500	U	0.0490	U	0.0500	U	0.0520	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.316	UJ	0.299	UJ	0.291	UJ	0.299	UJ	0.312	UJ
Calcium	7440-70-2	~	~	~	~	~	~	**18,800**	J	**2,650**		**877**		**1,610**		**1,990**	
Chromium	7440-47-3	~	~	~	~	~	~	**21.300**		**29.600**		**26.300**		**23.700**		**15.600**	
Cobalt	7440-48-4	~	~	~	~	~	~	**7.240**	J	**9.180**		**7.350**		**5.620**		**4.550**	
Copper	7440-50-8	50	270	270	270	10,000	1,720	22.500	U	**16.800**		**12.300**		**9.480**		**9.850**	
Iron	7439-89-6	~	~	~	~	~	~	**13,900**	J	**21,200**		**15,300**		**12,100**		**8,930**	
Lead	7439-92-1	63	400	400	1,000	3,900	450	4.360	U	**13.200**	J	**7.840**	J	**3.740**	J	**3.690**	J
Magnesium	7439-95-4	~	~	~	~	~	~	**10,200**	J	**5,480**		**4,390**		**3,610**		**2,910**	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	**245**		**162**		**109**		**115**		**126**	
Nickel	7440-02-0	30	140	310	310	10,000	130	**16.200**	J	**17.800**		**13.800**		**13.200**		**11.700**	
Potassium	7440-09-7	~	~	~	~	~	~	**2,200**	J	**1,530**		**1,050**		**1,870**		**1,260**	
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.630	U	2.490	U	2.420	U	2.490	U	2.600	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.531	UJ	0.502	U	0.489	U	0.503	U	0.524	U
Sodium	7440-23-5	~	~	~	~	~	~	**278**	J	**407**		**121**		**143**		**196**	
Thallium	7440-28-0	~	~	~	~	~	~	2.630	U	2.490	U	2.420	U	2.490	U	2.600	U
Vanadium	7440-62-2	~	~	~	~	~	~	**26.600**		**35.600**		**30.300**		**22.400**		**15.900**	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	**35.400**	J	**51.900**		**49.200**		**28.400**		**22.900**	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	0.0379	UJ	0.0359	U	0.0349	U	0.0359	U	0.0374	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.632	U	0.598	U	0.582	U	0.598	U	0.624	U

NOTES:

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Table 2d. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-09 (0-2)		RISB-09 (4-6)		RISB-09 (10-12)		RISB-09 (13-15)		RISB-10 (0-2)	
York ID								24C1623-11		24C1623-12		24C1623-13		24C1623-14		24C1623-15	
Sampling Date								3/25/2024 12:00:00 PM		3/25/2024 12:15:00 PM		3/25/2024 12:30:00 PM		3/25/2024 12:37:00 PM		3/25/2024 1:15:00 PM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	**13,800**	J	**17,000**	J	**8,470**	J	**15,100**	J	**22,700**	J
Antimony	7440-36-0	~	~	~	~	~	~	2.350	U	2.380	U	2.600	U	2.330	U	2.490	U
Arsenic	7440-38-2	13	16	16	16	16	16	**2.950**		2.300		1.560	U	**2.190**		**4.620**	
Barium	7440-39-3	350	350	400	400	10,000	820	**77.500**		**43.200**		**51.100**		**38.100**		**99.400**	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.0470	U	0.0480	U	0.0520	U	0.0470	U	0.0500	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.283	UJ	0.285	UJ	0.312	UJ	0.279	UJ	0.299	UJ
Calcium	7440-70-2	~	~	~	~	~	~	**4,330**		**1,000**		**18,300**		**991**		**4,180**	
Chromium	7440-47-3	~	~	~	~	~	~	**22.900**		**31.600**		**21.600**		**27.200**		**33**	
Cobalt	7440-48-4	~	~	~	~	~	~	**7.910**		**9.940**		**6.770**		**9.400**		**12.300**	
Copper	7440-50-8	50	270	270	270	10,000	1,720	**26.100**		**21.500**		**19.700**		**21**		**33.200**	
Iron	7439-89-6	~	~	~	~	~	~	**18,100**		**20,300**		**13,800**		**19,600**		**26,000**	
Lead	7439-92-1	63	400	400	1,000	3,900	450	**43.100**	J	**5.380**	J	**4.050**	J	**4.640**	J	**43.900**	J
Magnesium	7439-95-4	~	~	~	~	~	~	**4,810**		**5,660**		**10,600**		**5,690**		**6,640**	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	**187**		**165**		**269**		**171**		**325**	
Nickel	7440-02-0	30	140	310	310	10,000	130	**16.300**		**19.900**		**15.200**		**19.500**		**23.200**	
Potassium	7440-09-7	~	~	~	~	~	~	**1,970**		**1,310**		**2,110**		**1,410**		**3,600**	
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.350	U	2.380	U	2.600	U	2.330	U	2.490	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.475	U	0.479	U	0.525	U	0.469	U	0.502	U
Sodium	7440-23-5	~	~	~	~	~	~	**407**		**183**		**306**		**172**		**522**	
Thallium	7440-28-0	~	~	~	~	~	~	2.350	U	2.380	U	2.600	U	2.330	U	2.490	U
Vanadium	7440-62-2	~	~	~	~	~	~	**27.400**		**34.200**		**25.500**		**32**		**44.400**	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	**59.700**		**51.200**		**34.700**		**50.100**		**85**	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	**0.129**		0.0342	U	0.0375	U	0.0335	U	**0.149**	
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.565	U	0.571	U	0.625	U	0.558	U	0.598	U

NOTES:

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~=this indicates that no regulatory limit has been established for this analyte

Table 2d. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	RISB-10 (4-6) 24C1623-16 3/25/2024 1:30:00 PM Soil		RISB-10 (10-12) 24C1623-17 3/25/2024 1:45:00 PM Soil		RISB-10 (13-15) 24C1623-18 3/25/2024 2:00:00 PM Soil		DUP-032624 24C1715-10 3/26/2024 3:00:00 PM Soil		DUP032524 24C1623-19 3/25/2024 3:00:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	**14,100**	J	**7,770**	J	**7,960**	J	**12,500**	J	**8,550**	J
Antimony	7440-36-0	~	~	~	~	~	~	2.290	U	2.340	U	2.620	U	2.440	UJ	2.610	U
Arsenic	7440-38-2	13	16	16	16	16	16	**3.800**		**2.790**		1.570	U	**3.490**		1.560	U
Barium	7440-39-3	350	350	400	400	10,000	820	**38**		**85.700**		**46**		**52.400**		**55.100**	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.0460	U	0.0470	U	0.0530	U	0.0490	U	0.0530	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.275	UJ	0.281	UJ	0.314	UJ	0.293	UJ	0.313	UJ
Calcium	7440-70-2	~	~	~	~	~	~	**1,240**		**3,270**		**15,400**		**1,290**	J	**15,200**	
Chromium	7440-47-3	~	~	~	~	~	~	**27.900**		**21.600**		**22.200**		**23.700**		**23.400**	
Cobalt	7440-48-4	~	~	~	~	~	~	**9.090**		**7.890**		**6.450**		**9.210**	J	**6.800**	
Copper	7440-50-8	50	270	270	270	10,000	1,720	**18.400**		**20.500**		**15.800**		14.600	U	**18.300**	
Iron	7439-89-6	~	~	~	~	~	~	**21,500**		**19,100**		**13,000**		**18,000**	J	**13,600**	
Lead	7439-92-1	63	400	400	1,000	3,900	450	**4.840**	J	**4.540**	J	**3.050**	J	4.250	U	**2.700**	J
Magnesium	7439-95-4	~	~	~	~	~	~	**4,900**		**4,510**		**9,580**		**5,050**	J	**10,500**	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	**166**		**422**		**250**		**488**		**243**	
Nickel	7440-02-0	30	140	310	310	10,000	130	**17.900**		**20.700**		**14.800**		**18.600**	J	**16.400**	
Potassium	7440-09-7	~	~	~	~	~	~	**1,110**		**1,850**		**2,060**		**995**	J	**2,420**	
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.290	U	2.340	U	2.620	U	2.480		2.610	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.462	U	0.472	U	0.527	U	0.492	UJ	0.525	U
Sodium	7440-23-5	~	~	~	~	~	~	**256**		**398**		**319**		**320**	J	**326**	
Thallium	7440-28-0	~	~	~	~	~	~	2.290	U	2.340	U	2.620	U	2.440	U	2.610	U
Vanadium	7440-62-2	~	~	~	~	~	~	**31.200**		**31.800**		**23.700**		**29**		**25**	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	**42**		**27.900**		**33.400**		**44.800**	J	**35.200**	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	0.0330	U	0.0337	U	0.0377	U	0.0352	UJ	0.0375	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.551	U	0.562	U	0.628	U	0.586	U	0.625	U

NOTES:

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Table 2e. PFAS Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted Oct2 020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Restricted Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Commercial Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Industrial Oct 2020	NYSDEC Part 375 Remedial Soil Guidance PFAS - Protection of GW Oct 2020	RISB-01 (0-2) 24C1623-01 3/25/2024 8:30:00 AM Soil		RISB-01 (4-6) 24C1623-02 3/25/2024 8:37:00 AM Soil		RISB-01 (10-12) 24C1623-03 3/25/2024 8:44:00 AM Soil		RISB-01 (13-15) 24C1623-04 3/25/2024 8:50:00 AM Soil		RISB-02 (0-2) 24C1258-01 3/19/2024 11:15:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		mg/kg	
Dilution Factor								1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.348	U	0.365	U	0.341	U	0.368	U	0.00049	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.845	UJ	0.886	UJ	0.828	UJ	0.893	UJ	0.00120	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.666	UJ	0.698	UJ	0.652	UJ	0.704	UJ	0.00095	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.666	UJ	0.698	UJ	0.652	UJ	0.704	UJ	0.00095	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.680	U	1.760	U	1.640	U	1.770	U	0.00238	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.350	UJ	2.460	UJ	2.300	UJ	2.480	U	0.00334	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.710	UJ	0.744	UJ	0.695	UJ	0.750	U	0.00101	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.275	U	0.289	U	0.270	U	0.291	U	0.00039	U
ADONA	919005-14-4	~	~	~	~	~	~	0.195	U	0.204	U	0.191	U	0.206	U	0.00028	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.681	U	0.713	U	0.667	U	0.719	U	0.00097	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.222	U	0.232	U	0.217	U	0.234	U	0.00032	UJ
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.217	UJ	0.228	UJ	0.213	UJ	0.230	UJ	0.00031	UJ
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.780	U	0.818	U	0.764	U	0.825	U	0.00111	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.202	U	0.211	U	0.197	U	0.213	U	0.00029	UJ
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.166	U	0.174	U	0.162	U	0.175	U	0.00024	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.684	UJ	0.717	UJ	0.670	UJ	0.723	U	0.00097	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.156	UJ	0.163	UJ	0.152	UJ	0.164	UJ	0.00022	UJ
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.214	U	0.224	U	0.209	U	0.226	U	0.00030	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.174	UJ	0.182	UJ	0.170	UJ	0.183	UJ	0.00025	UJ
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.139	UJ	0.145	UJ	0.136	UJ	0.147	UJ	0.00020	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.163	UJ	0.171	UJ	0.160	UJ	0.173	UJ	0.00023	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.176	U	0.184	U	0.172	U	0.186	U	0.00025	UJ
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.216	UJ	0.226	UJ	0.212	UJ	0.228	UJ	0.00031	UJ
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0694	R	0.0727	R	0.0680	R	0.0734	R	0.00010	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.107	UJ	0.113	UJ	0.105	UJ	0.114	UJ	0.00015	UJ
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.124	U	0.130	U	0.122	U	0.131	U	0.00018	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.214	U	0.224	U	0.209	U	0.226	U	0.00030	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.189	U	0.198	U	0.185	U	0.200	U	0.00027	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.183	UJ	0.191	UJ	0.179	UJ	0.193	U	0.00026	UJ
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.118	UJ	0.123	UJ	0.115	UJ	0.124	U	0.00020	UJ
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.200	UJ	0.210	UJ	0.196	UJ	0.212	U	0.00029	UJ
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	**0.0599**	J	0.0622	U	0.0581	U	0.0627	U	0.00013	UJ
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.122	R	0.128	R	0.120	R	0.129	U	0.00017	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.212	U	0.222	U	0.207	U	0.224	U	0.00030	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	8.8	44	440	440	3.7	**1.100**	J	**0.618**		0.183	U	0.198	U	**0.00029**	J
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	6.6	33	500	600	1.1	0.193	U	0.202	U	0.189	U	0.204	U	**0.00056**	
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.210	UJ	0.128	UJ	0.120	UJ	0.129	UJ	0.00017	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.115	UJ	0.121	UJ	0.113	UJ	0.122	U	0.00016	UJ
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.140	U	0.147	U	0.137	U	0.148	U	0.00020	UJ
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.222	UJ	0.232	UJ	0.217	UJ	0.234	U	0.00032	UJ

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

ug/Kg:micrograms per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2e. PFAS Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted Oct2 020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Restricted Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Commercial Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Industrial Oct 2020	NYSDEC Part 375 Remedial Soil Guidance PFAS - Protection of GW Oct 2020	RISB-02 (4-6)		RISB-02 (10-12)		RISB-02 (13-15)		RISB-03 (0-2)		RISB-03 (4-6)	
York ID								24C1258-02		24C1258-03		24C1258-04		24C1258-05		24C1258-06	
Sampling Date								3/19/2024 11:40:00 AM		3/19/2024 11:50:00 AM		3/19/2024 12:00:00 PM		3/19/2024 12:20:00 PM		3/19/2024 12:30:00 PM	
Client Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.00039	U	0.00045	U	0.00038	U	0.00035	U	0.00038	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.00094	U	0.00108	UJ	0.00092	UJ	0.00086	UJ	0.00092	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.00074	U	0.00086	UJ	0.00072	UJ	0.00068	UJ	0.00073	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.00074	U	0.00086	UJ	0.00072	UJ	0.00068	UJ	0.00073	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	0.00186	U	0.00216	U	0.00182	U	0.00170	U	0.00183	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	0.00260	U	0.00301	U	0.00255	U	0.00238	U	0.00257	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.00079	U	0.00091	U	0.00077	U	0.00072	U	0.00078	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.00031	U	0.00035	U	0.00030	U	0.00028	U	0.00030	U
ADONA	919005-14-4	~	~	~	~	~	~	0.00022	U	0.00025	U	0.00021	U	0.00020	U	0.00021	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.00075	U	0.00087	U	0.00074	U	0.00069	U	0.00074	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.00025	UJ	0.00028	UJ	0.00024	UJ	0.00023	UJ	0.00024	UJ
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.00024	UJ	0.00028	UJ	0.00024	UJ	0.00022	UJ	0.00024	UJ
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.00086	U	0.00100	U	0.00085	U	0.00079	U	0.00085	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.00022	UJ	0.00026	UJ	0.00022	UJ	0.00021	UJ	0.00022	UJ
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.00018	U	0.00021	U	0.00018	U	0.00017	U	0.00018	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.00076	U	0.00088	U	0.00074	U	0.00069	U	0.00075	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.00017	UJ	0.00020	UJ	0.00017	UJ	0.00016	UJ	0.00017	UJ
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.00024	U	0.00027	U	0.00023	U	0.00022	U	0.00023	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.00019	UJ	0.00022	UJ	0.00019	UJ	0.00018	UJ	0.00019	UJ
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.00015	U	0.00018	U	0.00015	U	0.00014	U	0.00015	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.00018	U	0.00021	U	0.00018	U	0.00017	U	0.00018	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.00019	UJ	0.00023	UJ	0.00019	UJ	0.00018	UJ	0.00019	UJ
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.00024	UJ	0.00028	UJ	0.00023	UJ	0.00022	UJ	0.00024	UJ
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.00008	R	0.00009	R	0.00008	R	0.00007	R	0.00008	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.00012	UJ	0.00014	UJ	0.00012	UJ	0.00011	R	0.00012	UJ
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.00014	U	0.00016	U	0.00014	U	0.00013	U	0.00014	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.00024	U	0.00027	U	0.00023	U	0.00022	U	0.00023	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.00021	U	0.00024	U	0.00021	U	0.00019	U	0.00021	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.00020	UJ	0.00023	UJ	0.00020	UJ	0.00019	UJ	0.00020	UJ
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.00013	UJ	0.00015	UJ	0.00013	UJ	0.00012	UJ	0.00013	UJ
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.00022	UJ	0.00026	UJ	0.00022	UJ	0.00020	UJ	0.00022	UJ
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.00007	UJ	0.00008	UJ	0.00006	UJ	0.00006	UJ	0.00006	UJ
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.00014	U	0.00016	U	0.00013	U	0.00012	R	0.00013	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.00023	U	0.00027	U	0.00023	U	0.00022	U	0.00023	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	8.8	44	440	440	3.7	0.00021	U	0.00024	U	0.00020	U	0.00019	U	0.00020	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	6.6	33	500	600	1.1	0.00021	U	0.00025	U	0.00021	U	0.00020	U	0.00021	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.00014	U	0.00016	U	0.00013	U	0.00012	R	0.00013	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.00013	UJ	0.00015	UJ	0.00013	UJ	0.00012	UJ	0.00013	UJ
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.00016	UJ	0.00018	UJ	0.00015	UJ	0.00014	UJ	0.00015	UJ
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.00025	UJ	0.00028	UJ	0.00024	UJ	0.00023	UJ	0.00024	UJ

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Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.00038	U	0.00038	U	0.00035	U	0.00036	U	0.00035	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.00091	UJ	0.00093	UJ	0.00086	UJ	0.00088	UJ	0.00084	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.00072	U	0.00073	UJ	0.00068	UJ	0.00069	UJ	0.00066	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.00072	UJ	0.00073	UJ	0.00068	UJ	0.00069	UJ	0.00066	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	0.00181	U	0.00184	UJ	0.00171	UJ	0.00175	UJ	0.00167	UJ
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	0.00253	U	0.00257	U	0.00239	U	0.00244	U	0.00234	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.00076	U	0.00078	U	0.00072	U	0.00074	U	0.00071	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.00030	U	0.00030	U	0.00028	U	0.00029	U	0.00027	U
ADONA	919005-14-4	~	~	~	~	~	~	0.00021	U	0.00021	U	0.00020	U	0.00020	U	0.00019	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.00073	U	0.00075	U	0.00069	U	0.00071	U	0.00068	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.00024	UJ	0.00024	UJ	0.00023	UJ	0.00023	UJ	0.00022	UJ
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.00023	UJ	0.00024	U	0.00022	U	0.00023	U	0.00022	U
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.00084	U	0.00086	U	0.00079	U	0.00081	U	0.00078	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.00022	UJ	0.00022	U	0.00021	U	0.00021	U	0.00020	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.00018	U	0.00018	U	0.00017	U	0.00017	U	0.00017	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.00074	U	0.00075	U	0.00070	U	0.00071	U	0.00068	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.00017	UJ	0.00017	U	0.00016	U	0.00016	U	0.00016	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.00023	U	0.00023	UJ	0.00022	UJ	0.00022	UJ	0.00021	UJ
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.00019	UJ	0.00019	U	0.00018	U	0.00018	U	0.00017	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.00015	U	0.00015	UJ	0.00014	UJ	0.00014	UJ	0.00014	UJ
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.00018	U	0.00018	U	0.00017	U	0.00017	U	0.00016	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.00019	UJ	0.00019	U	0.00018	U	0.00018	U	0.00018	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.00023	UJ	0.00024	U	0.00022	U	0.00023	U	0.00022	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.00007	UJ	0.00008	U	0.00007	U	0.00007	U	0.00007	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.00012	R	0.00012	U	0.00011	U	0.00011	U	0.00011	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.00013	U	0.00014	U	0.00013	U	0.00013	U	0.00012	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.00023	U	0.00023	U	0.00022	U	0.00022	U	0.00021	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.00020	U	0.00021	UJ	0.00019	UJ	0.00020	UJ	0.00019	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.00020	UJ	0.00020	U	0.00019	U	0.00019	U	0.00018	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.00013	UJ	0.00013	U	0.00012	U	0.00012	U	0.00012	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.00022	UJ	0.00022	U	0.00020	U	0.00021	U	0.00020	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.00006	UJ	0.00007	U	0.00006	U	0.00006	U	0.00006	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.00013	R	0.00013	U	0.00012	R	0.00013	R	0.00012	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.00023	U	0.00023	UJ	0.00022	UJ	0.00022	UJ	0.00021	UJ
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	8.8	44	440	440	3.7	0.00020	U	0.00021	U	0.00019	U	0.00020	U	0.00019	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	6.6	33	500	600	1.1	0.00021	U	0.00021	UJ	0.00020	UJ	0.00020	UJ	0.00019	UJ
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.00013	R	0.00013	R	0.00012	R	0.00013	U	0.00012	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.00012	UJ	0.00013	U	0.00012	U	0.00012	U	0.00012	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.00015	UJ	0.00015	U	0.00014	U	0.00015	U	0.00014	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.00024	UJ	0.00024	U	0.00023	U	0.00023	U	0.00022	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

ug/Kg:micrograms per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2e. PFAS Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted Oct2 020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Restricted Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Commercial Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Industrial Oct 2020	NYSDEC Part 375 Remedial Soil Guidance PFAS - Protection of GW Oct 2020	RISB-04 (13-15) 24C1258-12 3/19/2024 9:53:00 AM Soil		RISB-05 (10-12) 24C1623-05 3/25/2024 9:40:00 AM Soil		RISB-05 (13-15) 24C1623-06 3/25/2024 10:00:00 AM Soil		RISB-06 (0-2) 24C1715-01 3/26/2024 11:30:00 AM Soil		RISB-06 (4-6) 24C1715-02 3/26/2024 11:45:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.00038	U	0.348	U	0.372	U	0.340	U	0.342	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.00093	UJ	0.844	UJ	0.902	UJ	0.826	UJ	0.831	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.00074	UJ	0.665	UJ	0.711	UJ	0.651	UJ	0.655	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.00074	UJ	0.665	UJ	0.711	UJ	0.651	UJ	0.655	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	0.00185	UJ	1.680	U	1.790	U	1.640	U	1.650	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	0.00259	U	2.340	UJ	2.510	U	2.300	U	2.310	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.00078	U	0.709	UJ	0.757	UJ	0.694	U	0.698	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.00030	U	0.275	U	0.294	U	0.269	U	0.271	U
ADONA	919005-14-4	~	~	~	~	~	~	0.00022	U	0.194	U	0.208	U	0.190	U	0.192	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.00075	U	0.680	U	0.726	U	0.665	U	0.669	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.00025	UJ	0.221	U	0.237	UJ	0.217	UJ	0.218	UJ
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.00024	U	0.217	UJ	0.232	UJ	0.212	U	0.214	U
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.00086	U	0.779	U	0.833	U	0.763	U	0.767	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.00022	U	0.201	U	0.215	UJ	0.197	U	0.198	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.00018	U	0.165	U	0.177	U	0.162	U	0.163	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.00076	U	0.683	UJ	0.730	UJ	0.669	U	0.673	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.00017	U	0.155	UJ	0.166	UJ	0.152	U	0.153	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.00024	UJ	0.213	UJ	0.228	U	0.209	U	0.210	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.00019	U	0.173	UJ	0.185	U	0.170	U	0.171	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.00015	UJ	0.139	UJ	0.148	UJ	0.136	U	0.136	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.00018	U	0.163	UJ	0.174	UJ	0.160	U	0.161	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.00019	U	0.175	UJ	0.188	UJ	0.172	U	0.173	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.00024	U	0.216	UJ	0.231	U	0.211	U	0.212	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.00008	U	0.0693	R	0.0741	R	0.0678	U	0.0682	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.00012	U	0.107	UJ	0.115	UJ	0.105	U	0.106	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.00014	U	0.124	U	0.133	U	0.121	U	0.122	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.00024	U	0.213	U	0.228	UJ	0.209	U	0.210	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.00021	UJ	0.189	U	0.202	UJ	0.185	U	0.186	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.00020	U	0.182	UJ	0.195	UJ	0.178	U	0.179	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.00013	U	0.117	UJ	0.125	UJ	0.115	U	0.116	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.00022	U	0.200	UJ	0.214	UJ	0.196	U	0.197	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.00007	U	0.0592	UJ	0.0633	UJ	0.0580	U	0.0583	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.00014	R	0.122	UJ	0.130	UJ	0.119	U	0.120	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.00023	UJ	0.211	U	0.226	U	0.207	U	0.208	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	8.8	44	440	440	3.7	0.00021	U	0.187	UJ	0.200	UJ	0.183	U	0.184	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	6.6	33	500	600	1.1	0.00021	UJ	0.192	U	0.205	U	0.188	U	0.189	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.00014	U	0.122	U	0.130	U	0.119	U	0.120	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.00013	U	0.115	UJ	0.123	UJ	0.113	U	0.113	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.00015	U	0.140	U	0.149	UJ	0.137	U	0.138	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.00025	U	0.221	UJ	0.237	UJ	0.217	U	0.218	U

NOTES:

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~=this indicates that no regulatory limit has been established for this analyte

Table 2e. PFAS Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted Oct2 020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Restricted Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Commercial Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Industrial Oct 2020	NYSDEC Part 375 Remedial Soil Guidance PFAS - Protection of GW Oct 2020	RISB-06 (10-12) 24C1715-03 3/26/2024 11:51:00 AM Soil		RISB-06 (13-15) 24C1715-04 3/26/2024 11:59:00 AM Soil		RISB-07 (0-2) 24C1715-05 3/26/2024 2:00:00 PM Soil		RISB-07 (4-6) 24C1715-06 3/26/2024 2:15:00 PM Soil		RISB-07 (10-12) 24C1715-07 3/26/2024 2:25:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.352	U	0.378	U	0.339	U	0.347	U	0.314	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.854	UJ	0.919	UJ	0.824	UJ	0.842	UJ	0.762	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.673	UJ	0.724	UJ	0.649	UJ	0.664	UJ	0.601	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.673	UJ	0.724	UJ	0.649	UJ	0.664	UJ	0.601	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.700	U	1.830	U	1.640	U	1.670	U	1.510	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.370	U	2.550	U	2.290	U	2.340	U	2.120	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.717	U	0.771	U	0.692	U	0.707	U	0.640	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.278	U	0.299	U	0.268	U	0.274	U	0.248	U
ADONA	919005-14-4	~	~	~	~	~	~	0.197	U	0.212	U	0.190	U	0.194	U	0.176	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.687	U	0.740	U	0.663	U	0.678	U	0.614	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.224	UJ	0.241	UJ	0.216	UJ	0.221	UJ	0.200	UJ
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.219	U	0.236	U	**0.249**		**0.548**		0.196	U
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.788	U	0.848	U	0.761	U	0.778	U	0.704	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.204	U	0.219	U	0.196	U	0.201	U	0.182	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.167	U	0.180	U	0.161	U	0.165	U	0.149	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.691	U	0.743	U	0.667	U	0.682	U	0.617	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.157	U	0.169	U	0.152	U	0.155	U	0.140	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.216	U	0.232	U	**7.320**		**22.200**		0.193	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.175	U	0.189	U	0.169	U	0.173	U	0.156	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.140	U	0.151	U	0.135	U	0.138	U	0.125	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.165	U	0.178	U	**1.230**		**1.730**		0.147	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.178	U	0.191	U	0.171	U	0.175	U	0.158	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.218	U	0.235	U	0.211	U	0.215	U	0.195	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0701	U	0.0754	U	0.0677	U	0.0692	U	0.0626	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.109	U	0.117	U	0.105	U	0.107	U	0.0969	R
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.126	U	0.135	U	0.121	U	0.124	U	0.112	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.216	U	0.232	U	0.208	U	**0.524**		0.193	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.191	UJ	0.206	UJ	0.184	UJ	0.189	UJ	0.171	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.184	U	0.198	U	0.178	U	0.182	U	0.165	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.119	U	0.128	U	0.189	J	**0.250**		0.106	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.202	U	0.218	U	**0.967**		**1.470**		0.181	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.0599	U	0.0645	U	**0.294**		**0.302**		0.0535	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.123	U	0.133	U	0.119	U	0.122	U	0.110	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.214	U	0.230	U	0.206	U	**0.380**		0.191	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	8.8	44	440	440	3.7	0.189	U	0.203	U	**5.100**		**10.200**		0.169	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	6.6	33	500	600	1.1	0.194	U	0.209	U	**0.122**		**1.420**		0.174	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.123	U	0.133	U	**0.122**	J	0.122	U	0.110	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.116	U	0.125	U	0.112	U	0.115	U	0.104	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.141	U	0.152	U	0.136	U	0.139	U	0.126	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.224	U	0.241	U	0.216	U	0.221	U	0.200	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
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ug/Kg:micrograms per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
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R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2e. PFAS Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted Oct2 020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Restricted Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Commercial Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Industrial Oct 2020	NYSDEC Part 375 Remedial Soil Guidance PFAS - Protection of GW Oct 2020	RISB-07 (13-15) 24C1715-08 3/26/2024 2:30:00 PM Soil		RISB-08 (0-2) 24C1623-07 3/25/2024 11:00:00 AM Soil		RISB-08 (4-6) 24C1623-08 3/25/2024 11:15:00 AM Soil		RISB-08 (10-12) 24C1623-09 3/25/2024 11:30:00 AM Soil		RISB-08 (13-15) 24C1623-10 3/25/2024 11:39:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.388	U	0.355	U	0.383	U	0.369	U	0.371	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.943	UJ	0.863	UJ	0.930	UJ	0.896	UJ	0.901	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.743	UJ	0.680	UJ	0.733	UJ	0.706	UJ	0.710	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.743	UJ	0.680	UJ	0.733	UJ	0.706	UJ	0.710	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.870	U	1.710	U	1.850	U	1.780	U	1.790	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.620	U	2.400	U	2.580	U	2.490	U	2.500	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.792	U	0.725	UJ	0.781	UJ	0.752	UJ	0.756	UJ
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.307	U	0.281	U	0.303	U	0.292	U	0.293	U
ADONA	919005-14-4	~	~	~	~	~	~	0.217	U	0.199	U	0.214	U	0.206	U	0.208	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.759	U	0.695	U	0.749	U	0.721	U	0.725	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.247	UJ	0.226	UJ	0.244	UJ	0.235	UJ	0.236	UJ
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.242	U	0.222	UJ	0.239	UJ	0.230	UJ	0.231	UJ
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.870	U	0.797	U	0.858	U	0.827	U	0.831	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.225	U	0.206	UJ	0.222	UJ	0.214	UJ	0.215	UJ
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.185	U	0.169	U	0.182	U	0.176	U	0.177	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.763	U	0.698	UJ	0.752	UJ	0.725	UJ	0.729	UJ
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.174	U	0.159	UJ	0.171	UJ	0.165	UJ	0.166	UJ
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.238	U	0.218	U	**1.120**		0.227	U	0.228	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.194	U	0.177	U	0.191	U	0.184	U	0.185	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.155	U	0.142	UJ	0.153	UJ	0.147	UJ	0.148	UJ
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.182	U	0.167	UJ	0.180	UJ	0.173	UJ	0.174	UJ
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.196	U	0.179	UJ	0.193	UJ	0.186	UJ	0.187	UJ
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.241	U	0.221	U	0.238	U	0.229	U	0.230	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0774	U	0.0709	R	0.0763	R	0.0735	R	0.0740	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.120	U	0.110	UJ	0.118	UJ	0.114	UJ	0.115	UJ
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.139	U	0.127	U	0.137	U	0.132	U	0.132	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.238	U	0.218	UJ	0.235	UJ	0.227	UJ	0.228	UJ
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.211	U	0.193	UJ	0.208	UJ	0.200	UJ	0.202	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.204	U	0.186	UJ	0.201	UJ	0.193	UJ	0.194	UJ
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.131	U	0.120	UJ	0.129	UJ	0.125	UJ	0.125	UJ
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.223	U	0.205	UJ	0.220	UJ	0.212	UJ	0.214	UJ
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.0662	U	0.0606	UJ	0.0653	UJ	0.0629	UJ	0.0632	UJ
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.136	U	0.125	UJ	0.134	R	0.129	R	0.130	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.236	U	0.216	U	0.233	U	0.224	U	0.225	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	8.8	44	440	440	3.7	0.209	U	0.191	UJ	0.206	UJ	0.198	UJ	0.199	UJ
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	6.6	33	500	600	1.1	0.215	U	0.197	U	0.212	U	0.204	U	0.205	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.136	U	0.125	U	0.134	U	0.129	U	0.130	UJ
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.129	U	0.118	UJ	0.127	UJ	0.122	UJ	0.123	UJ
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.156	U	0.143	UJ	0.154	UJ	0.148	UJ	0.149	UJ
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.247	U	0.226	UJ	0.244	UJ	0.235	UJ	0.236	UJ

NOTES:

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Table 2e. PFAS Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted Oct2 020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Restricted Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Commercial Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Industrial Oct 2020	NYSDEC Part 375 Remedial Soil Guidance PFAS - Protection of GW Oct 2020	RISB-09 (0-2) 24C1623-11 3/25/2024 12:00:00 PM Soil		RISB-09 (4-6) 24C1623-12 3/25/2024 12:15:00 PM Soil		RISB-09 (10-12) 24C1623-13 3/25/2024 12:30:00 PM Soil		RISB-09 (13-15) 24C1623-14 3/25/2024 12:37:00 PM Soil		RISB-10 (0-2) 24C1623-15 3/25/2024 1:15:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.391	U	0.341	U	0.388	U	0.330	U	0.361	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.948	UJ	0.827	UJ	0.942	UJ	0.801	UJ	0.875	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.747	UJ	0.652	UJ	0.743	UJ	0.631	UJ	0.690	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.747	UJ	0.652	UJ	0.743	UJ	0.631	UJ	0.690	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.880	U	1.640	U	1.870	U	1.590	U	1.740	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.640	U	2.300	U	2.620	U	2.230	U	2.430	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.796	UJ	0.695	UJ	0.791	UJ	0.673	UJ	0.735	UJ
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.309	U	0.270	U	0.307	U	0.261	U	0.285	U
ADONA	919005-14-4	~	~	~	~	~	~	0.219	U	0.191	U	0.217	U	0.185	U	0.202	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.764	U	0.666	U	0.759	U	0.645	U	0.705	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.249	UJ	0.217	UJ	0.247	UJ	0.210	UJ	0.230	UJ
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.244	UJ	0.213	UJ	0.242	UJ	0.206	UJ	0.225	UJ
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.875	U	0.764	U	0.870	U	0.739	U	0.808	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.226	UJ	0.197	UJ	0.225	UJ	0.191	UJ	0.209	UJ
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.186	U	0.162	U	0.185	U	0.157	U	0.172	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.767	UJ	0.669	UJ	0.763	UJ	0.648	UJ	0.708	UJ
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.175	UJ	0.152	UJ	0.173	UJ	0.147	UJ	0.161	UJ
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.240	U	0.209	U	0.238	U	0.203	U	0.221	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.195	U	0.170	U	0.193	U	0.164	U	0.180	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.156	UJ	0.136	UJ	0.155	UJ	0.132	UJ	0.144	UJ
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.183	UJ	0.160	UJ	0.182	UJ	0.155	UJ	0.169	UJ
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.197	UJ	0.172	UJ	0.196	UJ	0.167	UJ	0.182	UJ
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.242	U	0.211	U	0.241	U	0.205	U	0.224	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0779	R	0.0679	R	0.0774	R	0.0658	R	0.0719	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.121	UJ	0.105	UJ	0.120	UJ	0.102	UJ	0.111	UJ
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.139	U	0.122	U	0.139	U	0.118	U	0.129	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.240	UJ	0.209	UJ	0.238	UJ	0.203	UJ	0.221	UJ
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.212	UJ	0.185	UJ	0.211	UJ	0.179	UJ	0.196	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.205	UJ	0.179	UJ	0.203	UJ	0.173	UJ	0.189	UJ
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.132	UJ	0.115	UJ	0.131	UJ	0.111	UJ	0.122	UJ
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.225	UJ	0.196	UJ	0.223	UJ	0.190	UJ	0.208	UJ
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.0666	UJ	0.0581	UJ	0.0662	UJ	0.0562	UJ	0.0614	UJ
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.137	UJ	0.119	UJ	0.136	R	0.116	R	0.126	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.237	U	0.207	U	0.236	U	0.200	U	0.219	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	8.8	44	440	440	3.7	0.210	UJ	0.183	UJ	0.208	UJ	0.177	UJ	0.194	UJ
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	6.6	33	500	600	1.1	0.216	U	0.188	U	0.215	U	0.182	U	0.199	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.137	U	0.119	U	0.136	U	0.116	U	0.126	UJ
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.129	UJ	0.113	UJ	0.129	UJ	0.109	UJ	0.119	UJ
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.157	UJ	0.137	UJ	0.156	UJ	0.133	UJ	0.145	UJ
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.249	UJ	0.217	UJ	0.247	UJ	0.210	UJ	0.230	UJ

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1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted Oct2 020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Restricted Residential Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Commercial Oct 2020	NYSDEC Part 375 RemedialSoil Guidance PFAS - Industrial Oct 2020	NYSDEC Part 375 Remedial Soil Guidance PFAS - Protection of GW Oct 2020	RISB-10 (4-6) 24C1623-16 3/25/2024 1:30:00 PM Soil		RISB-10 (10-12) 24C1623-17 3/25/2024 1:45:00 PM Soil		RISB-10 (13-15) 24C1623-18 3/25/2024 2:00:00 PM Soil		DUP-032624 24C1715-10 3/26/2024 3:00:00 PM Soil		DUP032524 24C1623-19 3/25/2024 3:00:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.342	U	0.375	U	0.391	U	0.354	U	0.386	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.831	UJ	0.910	UJ	0.949	UJ	0.859	UJ	0.936	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.655	UJ	0.717	UJ	0.748	UJ	0.677	UJ	0.738	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.655	UJ	0.717	UJ	0.748	UJ	0.677	UJ	0.738	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.650	U	1.810	U	1.890	U	1.710	U	1.860	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.310	U	2.530	U	2.640	U	2.390	U	2.600	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.698	UJ	0.764	U	0.797	U	0.721	U	0.786	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.271	U	0.296	U	0.309	U	0.280	U	0.305	U
ADONA	919005-14-4	~	~	~	~	~	~	0.192	U	0.210	U	0.219	U	0.198	U	0.216	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.670	U	0.733	U	0.764	U	0.692	U	0.754	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.218	UJ	0.239	UJ	0.249	UJ	0.225	UJ	0.245	UJ
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.214	UJ	0.234	U	0.244	U	0.221	U	0.241	U
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.768	U	0.840	U	0.876	U	0.793	U	0.864	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.198	UJ	0.217	U	0.226	U	0.205	U	0.223	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.163	U	0.178	U	0.186	U	0.168	U	0.183	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.673	UJ	0.736	U	0.768	U	0.695	U	0.758	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.153	UJ	0.167	U	0.175	U	0.158	U	0.172	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.210	U	0.230	U	0.240	U	0.217	U	0.237	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.171	U	0.187	U	0.195	U	0.176	U	0.192	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.137	U	0.149	U	0.156	U	0.141	U	0.154	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.161	UJ	0.176	U	0.183	U	0.166	U	0.181	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.173	UJ	0.189	U	0.197	U	0.179	U	0.195	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.213	UJ	0.233	U	0.243	U	0.220	U	0.239	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0683	R	0.0747	U	0.0779	U	0.0705	U	0.0769	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.106	UJ	0.116	U	0.121	U	0.109	U	0.119	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.122	U	0.134	U	0.140	U	0.126	U	0.138	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.210	U	0.230	U	0.240	U	0.217	U	0.237	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.186	U	0.204	U	0.212	U	0.192	U	0.210	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.180	U	0.196	U	0.205	U	0.185	U	0.202	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.116	UJ	0.127	U	0.132	U	0.119	U	0.130	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.197	UJ	0.216	U	0.225	U	**0.492**		0.222	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.0584	U	0.0639	U	0.0666	U	**0.167**	J	0.0657	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.120	R	0.131	R	0.137	R	0.124	U	0.135	UJ
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.208	U	0.228	U	0.238	U	0.215	U	0.234	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	8.8	44	440	440	3.7	0.184	U	0.201	U	0.210	U	0.190	U	0.207	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	6.6	33	500	600	1.1	0.189	U	0.207	U	0.216	U	0.196	U	0.213	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.120	UJ	0.131	R	0.137	UJ	0.124	U	0.135	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.113	UJ	0.124	U	0.129	U	0.117	U	0.128	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.138	U	0.151	U	0.157	U	0.142	U	0.155	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.218	UJ	0.239	U	0.249	U	0.225	U	0.245	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC Protection of GW SCOs
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

ug/Kg:micrograms per kilogram
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3a. VOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	RIMW-01 24D0446-01 4/5/2024 7:30:00 AM Ground Water		RIMW-02 24D0446-09 4/5/2024 11:55:00 AM Ground Water		RIMW-03 24D0446-10 4/5/2024 12:20:00 PM Ground Water		RIMW-04 24D0446-03 4/5/2024 9:00:00 AM Ground Water		RIMW-05 24D0446-07 4/5/2024 10:35:00 AM Ground Water		RIMW-06 24D0446-06 4/5/2024 11:05:00 AM Ground Water		GTMW-01 24D0446-02 4/5/2024 8:20:00 AM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	5	0.266	UJ	0.266	UJ	0.266	UJ	0.266	UJ	0.266	UJ	0.266	UJ	0.266	UJ
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	5	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	**1.040**	J
1,2,3-Trichloropropane	0.04	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	**0.440**	J
1,2,4-Trimethylbenzene	5	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U
1,2-Dibromo-3-chloropropane	0.04	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U
1,2-Dibromoethane	0.0006	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U
1,2-Dichlorobenzene	3	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	5	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U
1,4-Dichlorobenzene	3	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U
2-Butanone	50	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U
2-Hexanone	50	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U
4-Methyl-2-pentanone	~	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U
Acetone	50	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U
Acrolein	~	0.447	UJ	0.447	UJ	0.447	UJ	0.447	UJ	0.447	UJ	0.447	UJ	0.447	UJ
Acrylonitrile	~	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U
Benzene	1	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U
Bromochloromethane	5	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U
Bromodichloromethane	50	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U
Bromoform	50	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U
Bromomethane	5	0.119	UJ	0.119	UJ	0.119	UJ	0.119	UJ	0.119	UJ	0.119	UJ	0.119	UJ
Carbon disulfide	~	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U
Chlorobenzene	5	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U
Chloroethane	5	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U
Chloroform	7	0.243	U	0.243	U	0.243	U	1.770	U	0.870	U	0.243	U	0.243	U
Chloromethane	5	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	5	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U

Table 3a. VOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	RIMW-01 24D0446-01 4/5/2024 7:30:00 AM Ground Water		RIMW-02 24D0446-09 4/5/2024 11:55:00 AM Ground Water		RIMW-03 24D0446-10 4/5/2024 12:20:00 PM Ground Water		RIMW-04 24D0446-03 4/5/2024 9:00:00 AM Ground Water		RIMW-05 24D0446-07 4/5/2024 10:35:00 AM Ground Water		RIMW-06 24D0446-06 4/5/2024 11:05:00 AM Ground Water		GTMW-01 24D0446-02 4/5/2024 8:20:00 AM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U
Cyclohexane	~	0.491	UJ	0.491	UJ	0.491	UJ	0.491	UJ	0.491	UJ	0.491	UJ	0.491	UJ
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U
Dibromomethane	~	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	UJ	0.203	U
Dichlorodifluoromethane	5	0.451	UJ	0.451	UJ	0.451	UJ	0.451	UJ	0.451	UJ	0.451	U	0.451	UJ
Ethyl Benzene	5	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	**0.490**	J
Isopropylbenzene	5	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U
Methyl acetate	~	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U
Methyl tert-butyl ether (MTBE)	10	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U
Methylcyclohexane	~	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	**0.690**		0.477	U
Methylene chloride	5	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U
Naphthalene	10	0.570	UJ	0.212	UJ	0.212	UJ	0.212	UJ	0.212	UJ	0.212	UJ	1.300	UJ
n-Butylbenzene	5	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U
o-Xylene	5	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	~	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U
p-Diethylbenzene	~	0.341	U	0.341	U	0.341	U	0.341	U	0.341	U	0.341	U	0.341	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	**0.530**		0.444	U
Styrene	5	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U
tert-Butyl alcohol (TBA)	~	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	5	0.239	UJ	0.239	UJ	**0.490**	J	0.239	U	0.239	UJ	0.239	UJ	0.239	UJ
Toluene	5	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	**0.840**		0.346	U
trans-1,2-Dichloroethylene	5	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	UJ
Trichloroethylene	5	0.249	UJ	0.249	UJ	0.249	UJ	**0.250**	J	0.249	UJ	0.249	UJ	0.249	U
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U
Xylenes, Total	5	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U

NOTES:
Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

ug/L:micrograms per liter
D=result is from an analysis that required a dilution
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NT=this indicates the analyte was not a target for this sample

Table 3a. VOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	GTMW-02 24D0446-04 4/5/2024 9:35:00 AM Ground Water		MW-2 24D0446-05 4/5/2024 10:20:00 AM Ground Water		MW-4 24D0446-08 4/5/2024 11:30:00 AM Ground Water		TB-040524 24D0446-11 4/5/2024 1:00:00 PM Water		DUP-01 24D0446-12 4/5/2024 1:00:00 PM Ground Water		FB-040524 24D0446-13 4/5/2024 12:50:00 PM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	5	0.266	UJ	0.266	UJ	0.266	UJ	0.266	UJ	0.266	UJ	0.266	UJ
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	5	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U
1,2,3-Trichloropropane	0.04	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	5	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U
1,2-Dibromo-3-chloropropane	0.04	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U
1,2-Dibromoethane	0.0006	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U
1,2-Dichlorobenzene	3	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	5	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U
1,4-Dichlorobenzene	3	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U
2-Butanone	50	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U
2-Hexanone	50	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U
4-Methyl-2-pentanone	~	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U
Acetone	50	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U
Acrolein	~	0.447	UJ	0.447	UJ	0.447	UJ	0.447	UJ	0.447	UJ	0.447	UJ
Acrylonitrile	~	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U
Benzene	1	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U
Bromochloromethane	5	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U
Bromodichloromethane	50	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	**0.620**	
Bromoform	50	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U
Bromomethane	5	0.119	UJ	0.119	UJ	0.119	UJ	0.119	UJ	0.119	UJ	0.119	UJ
Carbon disulfide	~	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U
Chlorobenzene	5	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U
Chloroethane	5	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U
Chloroform	7	0.280	U	0.410	U	0.243	U	0.243	U	0.243	U	**5.500**	
Chloromethane	5	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	5	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U

Table 3a. VOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	GTMW-02 24D0446-04 4/5/2024 9:35:00 AM Ground Water		MW-2 24D0446-05 4/5/2024 10:20:00 AM Ground Water		MW-4 24D0446-08 4/5/2024 11:30:00 AM Ground Water		TB-040524 24D0446-11 4/5/2024 1:00:00 PM Water		DUP-01 24D0446-12 4/5/2024 1:00:00 PM Ground Water		FB-040524 24D0446-13 4/5/2024 12:50:00 PM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U
Cyclohexane	~	0.491	UJ	0.491	UJ	0.491	UJ	0.491	UJ	0.491	UJ	0.491	UJ
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U
Dibromomethane	~	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	5	0.451	UJ	0.451	UJ	0.451	UJ	0.451	UJ	0.451	UJ	0.451	UJ
Ethyl Benzene	5	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U
Isopropylbenzene	5	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U
Methyl acetate	~	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U
Methyl tert-butyl ether (MTBE)	10	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U
Methylcyclohexane	~	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U
Methylene chloride	5	0.397	U	0.397	U	0.397	U	**0.610**	J	0.397	U	0.397	U
Naphthalene	10	0.240	UJ	0.212	UJ	0.212	UJ	0.212	UJ	0.212	UJ	0.212	UJ
n-Butylbenzene	5	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U
o-Xylene	5	0.261	U	0.261	U	**0.330**	J	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	~	0.578	U	0.578	U	**0.750**	J	0.578	U	0.578	U	0.578	U
p-Diethylbenzene	~	0.341	U	0.341	U	0.341	U	0.341	U	0.341	U	0.341	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U
Styrene	5	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U
tert-Butyl alcohol (TBA)	~	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	5	0.239	UJ	0.239	UJ	0.239	UJ	0.239	UJ	0.239	UJ	0.239	UJ
Toluene	5	0.346	U	0.346	U	**1.830**		0.346	U	0.346	U	0.346	U
trans-1,2-Dichloroethylene	5	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U
Trichloroethylene	5	0.249	UJ	0.249	UJ	0.249	UJ	0.249	UJ	0.249	UJ	0.249	UJ
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U
Xylenes, Total	5	0.839	U	0.839	U	**1.080**	J	0.839	U	0.839	U	0.839	U

NOTES:
Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

ug/L:micrograms per liter
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encou
R=data is rejected due to low internal standard area counts and/or surrogat
P=this flag is used for pesticide and PCB (Aroclor) target compounds when th
NT=this indicates the analyte was not a target for this sample

Table 3b. SVOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	RIMW-01 24D0446-01 4/5/2024 7:30:00 AM Ground Water		RIMW-02 24D0446-09 4/5/2024 11:55:00 AM Ground Water		RIMW-03 24D0446-10 4/5/2024 12:20:00 PM Ground Water		RIMW-04 24D0446-03 4/5/2024 9:00:00 AM Ground Water		RIMW-05 24D0446-07 4/5/2024 10:35:00 AM Ground Water		RIMW-06 24D0446-06 4/5/2024 11:05:00 AM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
1,1-Biphenyl	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,2,4,5-Tetrachlorobenzene	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,2,4-Trichlorobenzene	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,2-Dichlorobenzene	3	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,3-Dichlorobenzene	3	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,4-Dichlorobenzene	3	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2,3,4,6-Tetrachlorophenol	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4,5-Trichlorophenol	1	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U
2,4,6-Trichlorophenol	1	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U
2,4-Dichlorophenol	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4-Dimethylphenol	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4-Dinitrophenol	10	2.500	UJ	2.500	U	2.500	U	2.500	UJ	2.500	UJ	2.500	UJ
2,4-Dinitrotoluene	5	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ
2,6-Dinitrotoluene	5	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ
2-Chloronaphthalene	10	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Chlorophenol	1	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U
2-Methylnaphthalene	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Methylphenol	1	0.850	U	0.850	UJ	0.850	UJ	0.850	U	0.850	U	0.850	U
2-Nitroaniline	5	2.500	UJ	2.500	U	2.500	U	2.500	UJ	2.500	UJ	2.500	UJ
2-Nitrophenol	1	1.180	U	1.180	U	1.180	U	1.180	U	1.180	U	1.180	U
3- & 4-Methylphenols	1	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U
3,3-Dichlorobenzidine	5	2.500	UJ	2.500	U	2.500	U	2.500	UJ	2.500	UJ	2.500	UJ
3-Nitroaniline	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
4,6-Dinitro-2-methylphenol	~	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ
4-Bromophenyl phenyl ether	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Chloro-3-methylphenol	1	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
4-Chloroaniline	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Chlorophenyl phenyl ether	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Nitroaniline	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	UJ	2.500	U
4-Nitrophenol	1	0.850	UJ	0.850	U	0.850	U	0.850	UJ	0.850	UJ	0.850	UJ
Acetophenone	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Aniline	5	2.500	UJ	2.500	U	2.500	U	2.500	UJ	2.500	U	2.500	UJ
Benzaldehyde	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Benzidine	~	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
Benzoic acid	~	2.500	R	2.500	R	2.500	R	2.500	R	2.500	R	2.500	R
Benzyl alcohol	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Benzyl butyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Bis(2-chloroethoxy)methane	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Bis(2-chloroethyl)ether	1	1	UJ	1	U	1	U	1	UJ	1	UJ	1	UJ
Bis(2-chloroisopropyl)ether	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Caprolactam	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Carbazole	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Dibenzofuran	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U

Table 3b. SVOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	RIMW-01 24D0446-01 4/5/2024 7:30:00 AM Ground Water		RIMW-02 24D0446-09 4/5/2024 11:55:00 AM Ground Water		RIMW-03 24D0446-10 4/5/2024 12:20:00 PM Ground Water		RIMW-04 24D0446-03 4/5/2024 9:00:00 AM Ground Water		RIMW-05 24D0446-07 4/5/2024 10:35:00 AM Ground Water		RIMW-06 24D0446-06 4/5/2024 11:05:00 AM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Diethyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Dimethyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Di-n-butyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Di-n-octyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Hexachlorocyclopentadiene	5	5	U	5	U	5	U	5	U	5	U	5	U
Isophorone	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
N-nitroso-di-n-propylamine	10	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
N-Nitrosodiphenylamine	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Phenol	1	0.750	U	0.750	U	0.750	U	0.750	U	0.750	U	0.750	U
Pyridine	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Acenaphthene	20	**0.0900**		0.0500	U	0.0500	U	0.0500	U	**0.250**		0.0500	U
Acenaphthylene	~	**0.0600**		0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Anthracene	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Atrazine	7.5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Benzo(a)anthracene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(a)pyrene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(b)fluoranthene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(g,h,i)perylene	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(k)fluoranthene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Bis(2-ethylhexyl)phthalate	5	**3.200**		0.500	U	0.500	U	0.500	U	0.500	U	**1.050**	
Chrysene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Dibenzo(a,h)anthracene	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Fluoranthene	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Fluorene	50	**0.0500**		0.0500	U	0.0500	U	0.0500	U	**0.620**		0.0500	U
Hexachlorobenzene	0.04	0.0200	U	0.0200	U	0.0200	U	0.0200	U	0.0200	U	0.0200	U
Hexachlorobutadiene	0.5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Hexachloroethane	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Indeno(1,2,3-cd)pyrene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Naphthalene	10	**1.480**		0.110	U	**0.420**		0.150	U	0.0900	U	**0.680**	
Nitrobenzene	0.4	0.250	UJ	0.250	UJ	0.250	UJ	0.250	UJ	0.250	UJ	0.250	UJ
N-Nitrosodimethylamine	0.4	0.500	R	0.500	R	0.500	R	0.500	R	0.500	R	0.500	R
Pentachlorophenol	1	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U
Phenanthrene	50	0.0500	U	**0.0700**		**0.0500**		0.0500	U	**0.460**		0.0500	U
Pyrene	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
1,4-Dioxane	0.35	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U

NOTES:
Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

ug/L:micrograms per liter
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3b. SVOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	GTMW-01 24D0446-02 4/5/2024 8:20:00 AM Ground Water		GTMW-02 24D0446-04 4/5/2024 9:35:00 AM Ground Water		MW-2 24D0446-05 4/5/2024 10:20:00 AM Ground Water		MW-4 24D0446-08 4/5/2024 11:30:00 AM Ground Water		DUP-01 24D0446-12 4/5/2024 1:00:00 PM Ground Water		FB-040524 24D0446-13 4/5/2024 12:50:00 PM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
1,1-Biphenyl	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,2,4,5-Tetrachlorobenzene	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,2,4-Trichlorobenzene	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,2-Dichlorobenzene	3	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,3-Dichlorobenzene	3	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
1,4-Dichlorobenzene	3	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2,3,4,6-Tetrachlorophenol	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4,5-Trichlorophenol	1	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U
2,4,6-Trichlorophenol	1	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U
2,4-Dichlorophenol	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4-Dimethylphenol	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4-Dinitrophenol	10	2.500	UJ	2.500	UJ	2.500	UJ	2.500	U	2.500	UJ	2.500	UJ
2,4-Dinitrotoluene	5	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ
2,6-Dinitrotoluene	5	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ
2-Chloronaphthalene	10	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Chlorophenol	1	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U
2-Methylnaphthalene	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Methylphenol	1	0.850	U	0.850	U	0.850	U	0.850	UJ	0.850	U	0.850	U
2-Nitroaniline	5	2.500	UJ	2.500	UJ	2.500	UJ	2.500	U	2.500	UJ	2.500	UJ
2-Nitrophenol	1	1.180	U	1.180	U	1.180	U	1.180	U	1.180	U	1.180	U
3- & 4-Methylphenols	1	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U	0.850	U
3,3-Dichlorobenzidine	5	2.500	UJ	2.500	UJ	2.500	UJ	2.500	U	2.500	UJ	2.500	UJ
3-Nitroaniline	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
4,6-Dinitro-2-methylphenol	~	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ	2.500	UJ
4-Bromophenyl phenyl ether	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Chloro-3-methylphenol	1	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
4-Chloroaniline	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Chlorophenyl phenyl ether	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Nitroaniline	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Nitrophenol	1	0.850	UJ	0.850	UJ	0.850	UJ	0.850	U	0.850	UJ	0.850	UJ
Acetophenone	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Aniline	5	2.500	UJ	2.500	UJ	2.500	UJ	2.500	U	2.500	UJ	2.500	UJ
Benzaldehyde	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Benzidine	~	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
Benzoic acid	~	2.500	R	2.500	R	2.500	R	2.500	R	2.500	R	2.500	R
Benzyl alcohol	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Benzyl butyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Bis(2-chloroethoxy)methane	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Bis(2-chloroethyl)ether	1	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	UJ
Bis(2-chloroisopropyl)ether	5	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Caprolactam	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Carbazole	~	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Dibenzofuran	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U

Table 3b. SVOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	GTMW-01 24D0446-02 4/5/2024 8:20:00 AM Ground Water		GTMW-02 24D0446-04 4/5/2024 9:35:00 AM Ground Water		MW-2 24D0446-05 4/5/2024 10:20:00 AM Ground Water		MW-4 24D0446-08 4/5/2024 11:30:00 AM Ground Water		DUP-01 24D0446-12 4/5/2024 1:00:00 PM Ground Water		FB-040524 24D0446-13 4/5/2024 12:50:00 PM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Diethyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Dimethyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Di-n-butyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Di-n-octyl phthalate	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Hexachlorocyclopentadiene	5	5	U	5	U	5	U	5	U	5	U	5	U
Isophorone	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
N-nitroso-di-n-propylamine	10	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
N-Nitrosodiphenylamine	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Phenol	1	0.750	U	0.750	U	0.750	U	0.750	U	0.750	U	0.750	U
Pyridine	50	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
Acenaphthene	20	0.0500	U	0.0500	U	0.0500	U	0.0500	U	**0.0700**		0.0500	U
Acenaphthylene	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Anthracene	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Atrazine	7.5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Benzo(a)anthracene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(a)pyrene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(b)fluoranthene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(g,h,i)perylene	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(k)fluoranthene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Bis(2-ethylhexyl)phthalate	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Chrysene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Dibenzo(a,h)anthracene	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Fluoranthene	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	**0.0600**		0.0500	U
Fluorene	50	**0.230**		0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Hexachlorobenzene	0.04	0.0200	U	0.0200	U	0.0200	U	0.0200	U	0.0200	U	0.0200	U
Hexachlorobutadiene	0.5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Hexachloroethane	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Indeno(1,2,3-cd)pyrene	0.002	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Naphthalene	10	0.0500	U	0.210	U	0.120	U	**0.770**		**0.490**		**0.0500**	
Nitrobenzene	0.4	0.250	UJ	0.250	UJ	0.250	UJ	0.250	UJ	0.250	UJ	0.250	UJ
N-Nitrosodimethylamine	0.4	0.500	R	0.500	R	0.500	R	0.500	R	0.500	R	0.500	R
Pentachlorophenol	1	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U
Phenanthrene	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	**0.0700**		0.0500	U
Pyrene	50	0.0500	U	0.0500	U	0.0500	U	0.0500	U	**0.0600**		0.0500	U
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
1,4-Dioxane	0.35	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U

NOTES:
Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

ug/L:micrograms per liter
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but belov
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels enco
R=data is rejected due to low internal standard area counts and/or surroga
P=this flag is used for pesticide and PCB (Aroclor) target compounds when
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analy

Table 3c. PCB Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	RIMW-01 24D0446-01 4/5/2024 7:30:00 AM Ground Water		RIMW-02 24D0446-09 4/5/2024 11:55:00 AM Ground Water		RIMW-03 24D0446-10 4/5/2024 12:20:00 PM Ground Water		RIMW-04 24D0446-03 4/5/2024 9:00:00 AM Ground Water		RIMW-06 24D0446-06 4/5/2024 11:05:00 AM Ground Water		RIMW-05 24D0446-07 4/5/2024 10:35:00 AM Ground Water		GTMW-01 24D0446-02 4/5/2024 8:20:00 AM Ground Water		GTMW-02 24D0446-04 4/5/2024 9:35:00 AM Ground Water		MW-2 24D0446-05 4/5/2024 10:20:00 AM Ground Water		MW-4 24D0446-08 4/5/2024 11:30:00 AM Ground Water		DUP-01 24D0446-12 4/5/2024 1:00:00 PM Ground Water		FB-040524 24D0446-13 4/5/2024 12:50:00 PM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1		1		1	
4,4'-DDD	0.3	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
4,4'-DDE	0.2	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
4,4'-DDT	0.2	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Aldrin	~	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
alpha-BHC	0.01	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
alpha-Chlordane	0.05	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
beta-BHC	0.04	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Chlordane, total (alpha, gamma)	0.05	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U
delta-BHC	0.04	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Dieldrin	0.004	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U	0.00200	U
Endosulfan I	~	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Endosulfan II	~	0.00400	U	0.00400	U	0.00400	U	NT		NT		0.00400	U	NT		0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Endosulfan II [2C]	~	NT		NT		NT		0.00400	U	0.00400	U	NT		0.00400	U	NT		NT		NT		NT		NT		NT	
Endosulfan sulfate	~	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Endrin	~	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Endrin aldehyde	5	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U
Endrin ketone	5	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U
gamma-BHC (Lindane)	0.05	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
gamma-Chlordane	~	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U
Heptachlor	0.04	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Heptachlor epoxide	0.03	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Methoxychlor	35	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U	0.00400	U
Toxaphene	0.06	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
PCB, 8082 MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1		1		1	
Aroclor 1016	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Aroclor 1221	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Aroclor 1232	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Aroclor 1242	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Aroclor 1248	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Aroclor 1254	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Aroclor 1260	~	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Total PCBs	0.09	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U

NOTES:
Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

ug/L:micrograms per liter
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3d. Metals Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	RIMW-01 24D0446-01 4/5/2024 7:30:00 AM Ground Water		RIMW-02 24D0446-09 4/5/2024 11:55:00 AM Ground Water		RIMW-03 24D0446-10 4/5/2024 12:20:00 PM Ground Water		RIMW-04 24D0446-03 4/5/2024 9:00:00 AM Ground Water		RIMW-05 24D0446-07 4/5/2024 10:35:00 AM Ground Water		RIMW-06 24D0446-06 4/5/2024 11:05:00 AM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Aluminum	~	**186**		**159**		**1,830**		**154**		**2,980**		**789**	
Barium	1,000	**76**		**118**		**122**		**91**		**198**		**91**	
Calcium	~	**60,500**	J	**68,100**	J	**56,300**	J	**54,900**	J	**213,000**	J	**57,500**	J
Chromium	50	6	U	6	U	6	U	6	U	**13**		**6**	
Cobalt	~	4	U	**4**	U	4	U	4	U	4	U	4	U
Copper	200	**25**		**22**		22	U	22	U	**30**		**25**	
Iron	300	278	U	278	U	278	U	278	U	**4,590**		**1,920**	
Lead	25	6	U	6	U	6	U	6	U	6	U	6	U
Magnesium	35,000	**14,100**	J	**14,500**	J	**14,900**	J	**17,400**	J	**77,700**	J	**15,400**	J
Manganese	300	**19**		**171**		**344**		6	U	**1,100**		**455**	
Nickel	100	11	U	11	U	11	U	11	U	11	U	11	U
Potassium	~	**6,300**	J	**5,940**	J	**5,970**	J	**2,680**	J	**5,450**	J	**3,810**	J
Silver	50	6	U	6	U	6	U	6	U	6	U	6	U
Sodium	20,000	**18,400**	J	**52,300**	J	**12,100**	J	**90,600**	J	**186,000**	J	**60,700**	J
Vanadium	~	11	U	11	U	11	U	11	U	11	U	11	U
Zinc	2,000	28	U	**49**		28	U	28	U	**39**		28	U
Metals, Target Analyte, ICPMS	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Antimony	3	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Arsenic	25	1.110	U	1.110	U	1.110	U	1.110	U	**2**		1.110	U
Beryllium	3	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cadmium	5	0.556	U	**0.641**		0.556	U	0.556	U	0.556	U	0.556	U
Selenium	10	9.020	U	**11.800**		**2.130**		4.370	U	1.480	U	1.110	U
Thallium	0.5	1.110	UJ	1.110	UJ	1.110	U	1.110	UJ	1.110	UJ	1.110	UJ
Mercury by 7470/7471	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Mercury	0.7	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyanide, Total	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Cyanide, total	200	10	U	10	U	10	U	10	U	10	U	10	U

Table 3d. Metals Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	RIMW-01 24D0446-01 4/5/2024 7:30:00 AM Ground Water		RIMW-02 24D0446-09 4/5/2024 11:55:00 AM Ground Water		RIMW-03 24D0446-10 4/5/2024 12:20:00 PM Ground Water		RIMW-04 24D0446-03 4/5/2024 9:00:00 AM Ground Water		RIMW-05 24D0446-07 4/5/2024 10:35:00 AM Ground Water		RIMW-06 24D0446-06 4/5/2024 11:05:00 AM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte, Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Aluminum	~	56	U	56	U	56	U	56	U	56	U	56	U
Barium	1,000	**79**		**114**		**119**		**88**		**107**		**71**	
Calcium	~	**60,800**		**67,500**		**75,000**		**54,400**		**107,000**		**55,100**	
Chromium	50	6	U	6	U	6	U	6	U	6	U	6	U
Cobalt	~	4	U	4	U	4	U	4	U	4	U	4	U
Copper	200	22	U	22	U	22	U	22	U	22	U	22	U
Iron	300	278	U	278	U	278	U	278	U	278	U	278	U
Lead	25	6	U	6	U	6	U	6	U	6	U	6	U
Magnesium	35,000	**14,100**		**14,700**	J	**19,000**		**17,300**		**37,400**		**14,400**	
Manganese	300	**15**		**164**		**321**		6	U	**84**		**329**	
Nickel	100	11	U	11	U	11	U	11	U	11	U	11	U
Potassium	~	**6,140**		**6,080**		**8,420**		**2,610**		**4,210**		**3,690**	
Silver	50	6	U	6	U	6	U	6	U	6	U	6	U
Sodium	20,000	**17,700**	J	**52,500**	J	**62,900**	J	**87,400**		**156,000**	J	**60,900**	J
Vanadium	~	11	U	11	U	11	U	11	U	11	U	11	U
Zinc	2,000	28	U	28	U	28	U	28	U	28	U	28	U
Metals, Target Analyte, ICPMS Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Antimony	3	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Arsenic	25	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Beryllium	3	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cadmium	5	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	10	7.820	U	**12.100**	J	**2.870**		4.420	U	3.760	U	1.130	U
Thallium	0.5	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Mercury, Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Mercury	0.7	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U

NOTES:
Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

ug/L:micrograms per liter
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3d. Metals Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	GTMW-01 24D0446-02 4/5/2024 8:20:00 AM Ground Water		GTMW-02 24D0446-04 4/5/2024 9:35:00 AM Ground Water		MW-2 24D0446-05 4/5/2024 10:20:00 AM Ground Water		MW-4 24D0446-08 4/5/2024 11:30:00 AM Ground Water		DUP-01 24D0446-12 4/5/2024 1:00:00 PM Ground Water		FB-040524 24D0446-13 4/5/2024 12:50:00 PM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Aluminum	~	**218**		**290**		**149**		56	U	**202**		56	U
Barium	1,000	**36**		**66**		**64**		**28**		**34**		28	U
Calcium	~	**53,100**	J	**69,800**	J	**79,700**	J	**44,400**	J	**53,800**	J	155	U
Chromium	50	6	U	6	U	6	U	6	U	6	U	6	U
Cobalt	~	4	U	4	U	4	U	4	U	4	U	4	U
Copper	200	**35**		**24**		22	U	22	U	**24**		22	U
Iron	300	**364**		**454**		278	U	278	U	278	U	278	U
Lead	25	6	U	6	U	6	U	6	U	6	U	6	U
Magnesium	35,000	**12,400**	J	**21,000**	J	**22,200**		**9,890**	J	**12,000**	J	56	U
Manganese	300	**21**		**194**		**37**		**77**		**17**		6	U
Nickel	100	11	U	11	U	11	U	11	U	11	U	11	U
Potassium	~	**3,930**	J	**2,730**	J	**3,310**	J	**3,700**	J	**3,640**	J	56	U
Silver	50	6	U	6	U	6	U	6	U	6	U	6	U
Sodium	20,000	**88,400**	J	**59,100**	J	**55,500**	J	**44,900**	J	**85,000**	J	**567**	J
Vanadium	~	11	U	11	U	11	U	11	U	11	U	11	U
Zinc	2,000	31		**29**		28	U	28	U	28	U	28	U
Metals, Target Analyte, ICPMS	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Antimony	3	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Arsenic	25	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Beryllium	3	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cadmium	5	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	10	5.630	U	3.420	U	3.330	U	1.110	U	5.110	U	**1.120**	
Thallium	0.5	1.110	UJ	1.110	UJ	1.110	UJ	1.110	UJ	1.110	UJ	1.110	UJ
Mercury by 7470/7471	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Mercury	0.7	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyanide, Total	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Cyanide, total	200	10	U	10	U	10	U	10	U	10	U	10	U

Table 3d. Metals Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values Class GA	GTMW-01 24D0446-02 4/5/2024 8:20:00 AM Ground Water		GTMW-02 24D0446-04 4/5/2024 9:35:00 AM Ground Water		MW-2 24D0446-05 4/5/2024 10:20:00 AM Ground Water		MW-4 24D0446-08 4/5/2024 11:30:00 AM Ground Water		DUP-01 24D0446-12 4/5/2024 1:00:00 PM Ground Water		FB-040524 24D0446-13 4/5/2024 12:50:00 PM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte, Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Aluminum	~	56	U	56	U	56	U	56	U	56	U	56	U
Barium	1,000	**34**		**59**		**62**		**29**		**33**		28	U
Calcium	~	**52,500**		**68,600**		**79,400**		**43,800**		**52,800**		**153**	
Chromium	50	6	U	6	U	6	U	6	U	6	U	6	U
Cobalt	~	4	U	4	U	4	U	4	U	4	U	4	U
Copper	200	22	U	22	U	22	U	22	U	22	U	22	U
Iron	300	278	U	278	U	278	U	278	U	278	U	278	U
Lead	25	6	U	6	U	6	U	6	U	6	U	6	U
Magnesium	35,000	**12,200**		**20,900**		**22,200**		**10,100**		**12,200**		56	U
Manganese	300	**14**		6	U	6	U	**57**		**13**		6	U
Nickel	100	11	U	11	U	11	U	11	U	11	U	11	U
Potassium	~	**3,800**		**2,650**		**3,290**		**3,850**		**3,800**		56	U
Silver	50	6	U	6	U	6	U	6	U	6	U	6	U
Sodium	20,000	**86,200**		**57,600**		**54,800**	J	**44,500**	J	**87,500**	J	556	U
Vanadium	~	11	U	11	U	11	U	11	U	11	U	11	U
Zinc	2,000	28	U	**40**		28	U	28	U	28	U	28	U
Metals, Target Analyte, ICPMS Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Antimony	3	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Arsenic	25	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Beryllium	3	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cadmium	5	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	10	4.490	U	1.690	U	3.020	U	1.110	U	3.590	U	**3.710**	
Thallium	0.5	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Mercury, Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1	
Mercury	0.7	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U

NOTES:
Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

ug/L:micrograms per liter
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the F
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
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P=this flag is used for pesticide and PCB (Aroclor) target compounds when there i
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3e. PFAS Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYDEC Part 375 Sampling, Analysis, and Assessment of PFAS April 2023	RIMW-01		RIMW-02		RIMW-03		RIMW-04		RIMW-05		RIMW-06	
York ID			24D0445-01		24D0445-09		24D0445-10		24D0445-03		24D0445-06		24D0445-07	
Sampling Date			4/5/2024 7:30:00 AM		4/5/2024 11:55:00 AM		4/5/2024 12:20:00 PM		4/5/2024 9:00:00 AM		4/5/2024 10:35:00 AM		4/5/2024 11:05:00 AM	
Client Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ng/L	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
Dilution Factor			1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	1.690	U	1.300	U	1.300	U	1.260	U	1.320	U	1.300	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	2.510	UJ	1.940	UJ	1.930	UJ	1.870	UJ	1.960	UJ	1.940	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	2.190	UJ	1.690	UJ	1.690	UJ	1.630	UJ	1.710	UJ	1.690	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	1.300	UJ	1	UJ	0.999	UJ	0.965	UJ	1.010	UJ	1	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	11.600	U	8.950	U	8.920	U	8.620	U	9.050	U	8.940	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	8.980	U	6.920	U	6.910	U	6.670	U	7	U	6.920	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	2.490	U	1.920	U	1.910	U	1.850	U	1.940	U	1.920	U
9CL-PF3ONS	756426-58-1	~	0.857	U	0.661	U	0.659	U	0.637	U	0.669	U	0.661	U
ADONA	919005-14-4	~	0.649	U	0.501	U	0.499	U	0.483	U	0.506	U	0.500	U
HFPO-DA (Gen-X)	13252-13-6	~	3.960	U	3.050	U	3.040	U	2.940	U	3.090	U	3.050	U
N-EtFOSA	4151-50-2	~	2.200	U	1.700	U	1.700	U	1.640	U	1.720	U	1.700	U
N-EtFOSAA	2991-50-6	~	1.260	U	0.973	U	0.970	U	0.938	U	0.984	U	**2.780**	
N-EtFOSE	1691-99-2	~	4.890	U	3.770	U	3.760	U	3.630	U	3.810	UJ	3.770	U
N-MeFOSA	31506-32-8	~	1.940	U	1.490	U	1.490	U	1.440	U	1.510	U	1.490	U
N-MeFOSAA	2355-31-9	~	0.968	U	0.746	U	0.744	U	0.719	U	0.755	U	0.746	U
N-MeFOSE	24448-09-7	~	4.890	U	3.770	U	3.760	U	3.630	U	3.810	U	3.770	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	0.612	U	0.472	U	0.471	U	0.455	U	0.478	U	0.472	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	1.620	U	1.250	U	1.240	U	1.200	U	1.260	U	1.250	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	1.110	U	0.860	U	0.857	U	0.828	U	0.870	U	0.859	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	1.050	U	0.812	U	0.810	U	0.783	U	0.822	U	0.812	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	1.080	U	0.831	U	0.829	U	0.801	U	0.841	U	**1**	J
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	0.931	U	0.718	U	0.716	U	0.692	U	**1.620**	J	0.718	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	2.620	U	2.020	U	2.020	U	1.950	U	2.040	U	2.020	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	0.306	U	0.236	U	0.236	U	0.228	U	0.239	U	0.236	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	0.453	J	0.350	U	0.349	U	0.337	U	**0.354**	J	0.349	R
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	**6.630**		**7.970**		**34.900**		**6.120**		**8.920**		**2.730**	
Perfluorodecanoic acid (PFDA)	335-76-2	~	0.919	U	**0.720**	J	0.707	U	0.683	U	0.717	U	**3.410**	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	1.140	U	0.878	U	0.876	U	0.847	U	0.889	U	0.878	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	1.080	U	0.831	U	0.829	U	0.801	U	0.841	U	0.831	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	**17.200**		**1.400**	J	**3.170**		**8.140**		**9.450**		0.670	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	**1.860**	J	**1.010**	J	**2.640**		**2.550**		**5.250**		**1.400**	J
Perfluorohexanoic acid (PFHxA)	307-24-4	~	**69.800**		**6.900**		**7.480**		**15.200**		**17.300**		0.330	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	**22.300**	J	**6.640**	J	**9.570**		0.300	R	**15.700**	J	0.312	R
Perfluorononanoic acid (PFNA)	375-95-1	~	**5.410**		**1.430**	J	**5.340**		**1.960**		**2.210**		**3.920**	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	2.7	**44.200**		**11**		**36.100**		**19.400**		**13**		**19.600**	
Perfluorooctanoic acid (PFOA)	335-67-1	6.7	**30.300**		**5.180**		**11.800**		**15.600**		**19.300**		**1.330**	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	**59.500**		**10.900**		**10**		**21.800**		**22.600**		0.217	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	0.845	U	0.652	U	0.650	U	0.628	U	0.659	U	0.652	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	0.906	U	0.699	U	0.697	UJ	0.674	U	0.707	U	0.699	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	1.380	U	1.070	U	1.060	U	1.030	U	1.080	U	1.070	U

NOTES:
Bold font and gray shading indicates a detection, but no exceedance.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

ng/L:nanograms per liter
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample

Table 3e. PFAS Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID		NYDEC Part 375 Sampling, Analysis, and Assessment of PFAS April 2023	GTMW-01		GTMW-02		MW-2		MW-4		DUP-01		FB-040524	
York ID			24D0445-02		24D0445-04		24D0445-05		24D0445-08		24D0445-11		24D0445-12	
Sampling Date			4/5/2024 8:20:00 AM		4/5/2024 9:35:00 AM		4/5/2024 10:20:00 AM		4/5/2024 11:30:00 AM		4/5/2024 12:20:00 PM		4/5/2024 12:50:00 PM	
Client Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ng/L	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
Dilution Factor			1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	1.380	U	1.310	U	1.250	U	1.320	U	1.370	U	1.350	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	2.050	UJ	1.940	UJ	1.860	UJ	1.960	UJ	2.030	UJ	2	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	1.790	UJ	1.690	UJ	1.630	UJ	1.710	UJ	1.770	UJ	1.750	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	1.060	UJ	1	UJ	0.963	UJ	1.010	UJ	1.050	UJ	1.040	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	9.480	U	8.960	U	8.600	U	9.050	U	9.370	U	9.250	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	7.340	U	6.930	U	6.660	U	7.010	U	7.250	U	7.160	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	2.030	U	1.920	U	1.840	U	1.940	U	2.010	U	1.980	U
9CL-PF3ONS	756426-58-1	~	0.701	U	0.662	U	0.636	U	0.669	U	0.693	U	0.684	U
ADONA	919005-14-4	~	0.530	U	0.501	U	0.482	U	0.507	U	0.525	U	0.518	U
HFPO-DA (Gen-X)	13252-13-6	~	3.230	U	3.050	U	2.930	U	3.090	U	3.200	U	3.160	U
N-EtFOSA	4151-50-2	~	1.800	U	1.700	U	1.640	U	1.720	U	1.780	U	1.760	U
N-EtFOSAA	2991-50-6	~	1.030	U	0.974	U	0.936	U	**2.880**		1.020	UJ	1.010	U
N-EtFOSE	1691-99-2	~	3.990	U	3.770	U	3.630	U	3.810	U	3.950	UJ	3.900	UJ
N-MeFOSA	31506-32-8	~	1.580	U	1.490	U	1.440	U	1.510	U	1.560	U	1.540	U
N-MeFOSAA	2355-31-9	~	0.791	U	0.747	U	0.718	U	0.755	U	0.782	U	0.772	U
N-MeFOSE	24448-09-7	~	3.990	U	3.770	U	3.630	U	3.810	U	3.950	U	3.900	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	0.500	U	0.473	U	0.454	U	0.478	U	0.495	U	0.489	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	1.320	U	1.250	U	1.200	U	1.260	U	1.310	U	1.290	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	0.911	U	0.861	U	0.827	U	0.870	U	0.901	U	0.889	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	0.861	U	0.813	U	0.781	U	0.822	U	0.851	U	0.840	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	0.881	U	0.832	U	0.800	U	0.841	U	0.871	U	0.860	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	0.761	U	0.719	U	0.691	U	0.726	U	0.752	U	0.743	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	2.140	U	2.020	U	1.940	U	2.050	U	2.120	U	2.090	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	0.250	U	0.236	U	0.227	U	0.239	U	0.247	U	0.244	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	0.370	UJ	0.350	UJ	0.336	U	**0.354**	R	0.366	U	0.362	R
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	**4.940**		**4.780**		**4.740**		**1.390**	J	**5.590**		0.459	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	0.751	U	**1.240**	J	**1.900**		0.717	U	0.742	U	0.733	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	0.931	U	0.880	U	0.845	U	0.889	U	0.920	U	0.909	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	0.881	U	0.832	U	0.800	U	0.841	U	0.871	U	0.860	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	**3.920**		**1.730**	J	**1.470**	J	0.679	U	**4.140**		0.694	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	**1.780**	J	**2.700**		**2.280**		**1.200**	J	**2.080**		0.664	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	**6.980**		**6.860**		**6.120**		0.335	U	**7.060**		0.342	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	0.330	UJ	0.312	UJ	**8**	J	**0.315**	R	**8.790**		0.322	R
Perfluorononanoic acid (PFNA)	375-95-1	~	**3.690**		**4.570**		**6.080**		**4.250**		**3.730**		0.508	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	2.7	**31.200**		**28.100**		**28.700**		**26.200**		**32.200**		0.801	U
Perfluorooctanoic acid (PFOA)	335-67-1	6.7	**16.700**		**10.700**		**8.500**		**1.900**	J	**16**		0.410	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	**6.350**		**9.920**		**9.810**		**0.400**	J	**6.660**		0.225	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	0.691	U	0.653	U	0.627	U	0.659	U	0.683	U	0.674	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	0.741	U	0.700	U	0.672	U	0.707	U	0.732	UJ	0.723	UJ
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	1.130	U	1.070	U	1.030	U	1.080	U	1.120	U	1.100	U

NOTES:

Bold font and gray shading indicates a detection, but no exceedance.

Exceeds NYSDEC TOGS 1.1.1 Guidance Values

ng/L:nanograms per liter
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estima
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
R=data is rejected due to low internal standard area counts and/or surrogate recoveries.
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected conc
NT=this indicates the analyte was not a target for this sample

Table 4. Soil Vapor/Sub-Slab and Indoor/Ambient Air Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Client Sample ID:	RISV-01	RISV-02	RISV-03	RISV-04	RISV-05	RISV-06	RISV-07	RISV-08	RISV-09	RISV-10	RIIA-01	RIUW-01	RIDW-01
Lab Sample ID:	JD85964-1	JD85964-2	JD85964-3	JD85964-4	JD85964-5	JD85964-6	JD85964-7	JD85964-8	JD85964-9	JD85964-10	JD85964-11	JD86072-1	JD85964-12
Date Sampled:	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/5/2024	4/2/2024
Matrix:	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Indoor Air Comp.	Ambient Air Comp.	Ambient Air Comp.
MS Volatiles (TO-15) - ug/m3													
Acetone (2-Propanone)	**11**	**50.1**	**19**	**95.5**	**36.8**	**18**	**19**	**36.8**	**20**	**144**	**108**	**12**	**6.9**
1,3-Butadiene	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.38)	ND (0.19)	ND (0.19)	ND (0.60)	ND (0.19)	ND (0.19)	ND (1.9)	ND (0.15)	**0.69**	ND (0.15)
Benzene	ND (0.077)	**1.6**	**0.38 J**	**2**	**0.96**	**0.67**	**7**	**19**	**0.77**	**66.4**	**3.2**	**2.5**	**1.5**
Bromodichloromethane	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.40)	ND (0.20)	ND (0.20)	ND (0.64)	ND (0.20)	ND (0.20)	ND (2.0)	ND (0.16)	ND (0.20)	ND (0.16)
Bromoform	ND (0.73)	ND (0.73)	ND (0.73)	ND (1.4)	ND (0.73)	ND (0.73)	ND (2.4)	ND (0.73)	ND (0.73)	ND (7.3)	ND (0.59)	ND (0.73) [a]	ND (0.59)
Bromomethane	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.54)	ND (0.27)	ND (0.27)	ND (0.85)	ND (0.27)	ND (0.27)	ND (2.7)	ND (0.21)	ND (0.27)	ND (0.21)
Bromoethene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.52)	ND (0.27)	ND (0.27)	ND (0.87)	ND (0.27)	ND (0.27)	ND (2.7)	ND (0.21)	ND (0.27)	ND (0.21)
Benzyl Chloride	ND (0.67) [a]	ND (0.67) [a]	ND (0.67) [a]	ND (1.3) [a]	ND (0.67) [a]	ND (0.67) [a]	ND (2.1) [a]	ND (0.67) [a]	ND (0.67) [a]	ND (6.7)	ND (0.52) [a]	ND (0.67)	ND (0.52) [a]
Carbon disulfide	**0.47 J**	**61.7**	**3.7**	**1.7**	**2**	**0.69**	ND (0.44)	**0.44 J**	**1.1**	ND (1.4)	ND (0.11)	ND (0.14)	ND (0.11)
Chlorobenzene	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.69)	ND (0.34)	ND (0.34)	ND (1.1)	ND (0.34)	ND (0.34)	ND (3.4)	ND (0.27)	ND (0.34)	ND (0.27)
Chloroethane	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.37)	ND (0.18)	ND (0.18)	ND (0.58)	ND (0.18)	ND (0.18)	ND (1.8)	ND (0.14)	ND (0.18)	ND (0.14)
Chloroform	**1.4**	**1.2**	**3.5**	**1.0 J**	**0.98**	**20**	**4.4**	**4.9**	**2.7**	ND (1.8)	ND (0.15)	ND (0.18)	ND (0.15)
Chloromethane	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.37)	ND (0.19)	ND (0.19)	ND (0.60)	**0.72**	ND (0.19)	ND (1.9)	**1.1**	**1.9**	**0.93**
3-Chloropropene	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.53)	ND (0.26)	ND (0.26)	ND (0.85)	ND (0.26)	ND (0.26)	ND (2.6)	ND (0.21)	ND (0.26)	ND (0.21)
2-Chlorotoluene	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.72)	ND (0.37)	ND (0.37)	ND (1.2)	ND (0.37)	ND (0.37)	ND (3.7)	ND (0.30)	ND (0.37)	ND (0.30)
Carbon tetrachloride	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.50)	ND (0.25)	ND (0.25)	ND (0.82)	ND (0.25)	ND (0.25)	ND (2.5)	ND (0.20)	ND (0.25)	ND (0.20)
Cyclohexane	ND (0.15)	**12**	**0.38 J**	**2.7**	**0.59 J**	ND (0.15)	**14**	**27**	**0.55 J**	**478**	**2.9**	**1**	**0.28 J**
1,1-Dichloroethane	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.45)	ND (0.23)	ND (0.23)	ND (0.73)	ND (0.23)	ND (0.23)	ND (2.3)	ND (0.19)	ND (0.23)	ND (0.19)
1,1-Dichloroethylene	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.48)	ND (0.23)	ND (0.23)	ND (0.75)	ND (0.23)	ND (0.23)	ND (2.3)	ND (0.19)	ND (0.23)	ND (0.19)
1,2-Dibromoethane (EDB)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.46)	ND (0.23)	ND (0.23)	ND (0.74)	ND (0.23)	ND (0.23)	ND (2.3)	ND (0.18)	ND (0.23)	ND (0.18)
1,2-Dichloroethane	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.57)	ND (0.28)	ND (0.28)	ND (0.89)	**0.57 J**	ND (0.28)	ND (2.8)	ND (0.23)	ND (0.28)	ND (0.23)
1,2-Dichloropropane	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.55)	ND (0.29)	ND (0.29)	ND (0.92)	ND (0.29)	ND (0.29)	ND (2.9)	ND (0.23)	ND (0.29)	ND (0.23)
1,4-Dioxane	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.83)	ND (0.43)	ND (0.43)	ND (1.3)	ND (0.43)	ND (0.43)	ND (4.3)	ND (0.34)	ND (0.43)	ND (0.34)
Dichlorodifluoromethane	**2.1**	ND (0.49)	**2.1**	**2.2**	**2.1**	**2.1**	**2.2 J**	**2.4**	**2.2**	ND (4.9)	**2.4**	**2**	**2.1**
Dibromochloromethane	ND (0.44)	ND (0.44)	ND (0.44)	ND (0.85)	ND (0.44)	ND (0.44)	ND (1.4)	ND (0.44)	ND (0.44)	ND (4.4)	ND (0.36)	ND (0.44) [a]	ND (0.36)
trans-1,2-Dichloroethylene	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.22)	ND (0.11)	ND (0.11)	ND (0.36)	ND (0.11)	ND (0.11)	ND (1.1)	ND (0.087)	ND (0.11)	ND (0.087)
cis-1,2-Dichloroethylene	ND (0.12)	**0.44**	ND (0.12)	ND (0.24)	ND (0.12)	ND (0.12)	ND (0.38)	ND (0.12)	ND (0.12)	ND (1.2)	ND (0.095)	ND (0.12)	ND (0.095)
cis-1,3-Dichloropropene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.54)	ND (0.28)	ND (0.28)	ND (0.91)	ND (0.28)	ND (0.28)	ND (2.8)	ND (0.23)	ND (0.28)	ND (0.23)
m-Dichlorobenzene	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.48)	ND (0.24)	ND (0.24)	ND (0.78)	ND (0.24)	ND (0.24)	ND (2.4)	ND (0.19)	ND (0.24)	ND (0.19)
o-Dichlorobenzene	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.84)	ND (0.41)	ND (0.41)	ND (1.3)	ND (0.41)	ND (0.41)	ND (4.1)	ND (0.33)	ND (0.41)	ND (0.33)
p-Dichlorobenzene	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.96)	ND (0.47)	ND (0.47)	ND (1.5)	ND (0.47)	ND (0.47)	ND (4.7)	ND (0.38)	ND (0.47)	ND (0.38)
trans-1,3-Dichloropropene	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.91)	ND (0.45)	ND (0.45)	ND (1.5)	ND (0.45)	ND (0.45)	ND (4.5)	ND (0.37)	ND (0.45)	ND (0.37)
Ethanol	ND (0.73)	**5.7**	**1.6**	**37.3**	**8.5**	**2.6**	**11**	**9.8**	**20.3**	**86.1**	**49.4**	**21.5**	**6.8**
Ethylbenzene	**65.2**	**4.3**	**40**	**4.3**	**3.6**	**58.2**	**9.6**	**17**	**32**	**66**	**16**	**1.8**	**0.61 J**

Table 4. Soil Vapor/Sub-Slab and Indoor/Ambient Air Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Client Sample ID:	RISV-01	RISV-02	RISV-03	RISV-04	RISV-05	RISV-06	RISV-07	RISV-08	RISV-09	RISV-10	RIIA-01	RIUW-01	RIDW-01
Lab Sample ID:	JD85964-1	JD85964-2	JD85964-3	JD85964-4	JD85964-5	JD85964-6	JD85964-7	JD85964-8	JD85964-9	JD85964-10	JD85964-11	JD86072-1	JD85964-12
Date Sampled:	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/2/2024	4/5/2024	4/2/2024
Matrix:	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Indoor Air Comp.	Ambient Air Comp.	Ambient Air Comp.
Ethyl Acetate	**0.54 J**	ND (0.36)	**2.1**	**1.2 J**	**2.3**	**2.6**	**1.5 J**	**1.5**	**4.7**	ND (3.6)	**2**	**3.3**	**3**
4-Ethyltoluene	**1.2**	**2.8**	**1.1**	**2.2**	**2.1**	**1.1**	**4.3**	**2.9**	**2.4**	ND (4.7)	**20**	**0.64 J**	ND (0.37)
Freon 113	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.48)	ND (0.24)	ND (0.24)	ND (0.76)	ND (0.24)	ND (0.24)	ND (2.4)	ND (0.19)	ND (0.24)	ND (0.19)
Freon 114	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.70)	ND (0.35)	ND (0.35)	ND (1.1)	ND (0.35)	ND (0.35)	ND (3.5)	ND (0.28)	ND (0.35)	ND (0.28)
Heptane	**0.82**	**11**	**0.57 J**	**9.8**	**1.9**	**1**	**23**	**34**	**2.7**	**3,000**	**5.3**	**2.1**	**0.98**
Hexachlorobutadiene	ND (0.66) [b]	ND (0.66) [b]	ND (0.66) [b]	ND (1.3) [b]	ND (0.66) [b]	ND (0.66) [b]	ND (2.1) [b]	ND (0.66) [b]	ND (0.66) [b]	ND (6.6) [c]	ND (0.53) [b]	ND (0.66)	ND (0.53) [b]
Hexane	ND (0.18)	**53.6**	**0.42 J**	**2.7**	**1.5**	**0.74**	**24**	**66.3**	**1.3**	**603**	**8.1**	**2.4**	**0.78**
2-Hexanone	**2.2**	**2.4**	**3.5**	**2.7**	**31**	**5.7**	**5.3**	**16**	**5.7**	ND (6.1)	ND (0.49)	ND (0.61)	ND (0.49)
Isopropyl Alcohol	ND (0.34)	**2.7**	ND (0.34)	**4.2**	**1.4**	ND (0.34)	ND (1.1)	**0.61**	**0.86**	ND (3.4)	**11**	**2.5**	**1.9**
Methylene chloride	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.38)	ND (0.19)	ND (0.19)	ND (0.63)	**2.8**	ND (0.19)	ND (1.9)	**4.5**	**1.3**	**0.8**
Methyl ethyl ketone	**12**	**10**	**20**	**18**	**73.1**	**24**	**17**	**51**	**27**	**24**	**1.4**	**1**	**0.91**
Methyl Isobutyl Ketone	ND (0.30)	**0.94**	ND (0.30)	**1.1 J**	**0.86**	ND (0.30)	ND (0.94)	**2.5**	ND (0.30)	ND (3.0)	**0.40 J**	ND (0.30)	ND (0.24)
Methyl Tert Butyl Ether	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.58)	ND (0.29)	ND (0.29)	ND (0.94)	ND (0.29)	ND (0.29)	ND (2.9)	ND (0.23)	ND (0.29)	ND (0.23)
Methylmethacrylate	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.57)	**1.9**	ND (0.29)	ND (0.90)	ND (0.29)	ND (0.29)	ND (2.9)	ND (0.23)	ND (0.29)	ND (0.23)
Propylene	**1.4**	**109**	**3.3**	**12**	**2.4**	**1.6**	ND (0.77)	**11**	**1.6**	**14**	ND (0.19)	**2.9**	**1.9**
Styrene	**0.47 J**	ND (0.23)	**0.42 J**	ND (0.47)	**0.68 J**	**0.55 J**	ND (0.72)	**0.98**	**2.1**	ND (2.3)	ND (0.18)	ND (0.23)	ND (0.18)
1,1,1-Trichloroethane	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.40)	ND (0.20)	ND (0.20)	ND (0.65)	ND (0.20)	ND (0.20)	ND (2.0)	ND (0.16)	ND (0.20)	ND (0.16)
1,1,2,2-Tetrachloroethane	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.66)	ND (0.33)	ND (0.33)	ND (1.0)	ND (0.33)	ND (0.33)	ND (3.3)	ND (0.26)	ND (0.33)	ND (0.26)
1,1,2-Trichloroethane	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.41)	ND (0.21)	ND (0.21)	ND (0.65)	ND (0.21)	ND (0.21)	ND (2.1)	ND (0.16)	ND (0.21)	ND (0.16)
1,2,4-Trichlorobenzene	ND (0.89) [b]	ND (0.89) [b]	ND (0.89) [b]	ND (1.8) [b]	ND (0.89) [b]	ND (0.89) [b]	ND (2.9) [b]	ND (0.89) [b]	ND (0.89) [b]	ND (8.9) [c]	ND (0.72) [b]	ND (0.89)	ND (0.72) [b]
1,2,4-Trimethylbenzene	**4.3**	**8.8**	**4**	**5.4**	**5.4**	**4**	**13**	**7.4**	**8.8**	**29**	**71.3**	**2.2**	**0.39 J**
1,3,5-Trimethylbenzene	**1.7**	**2.3**	**1.4**	**1.8 J**	**3.1**	**1.4**	**3.8**	**3**	**2.7**	**17**	**25**	**0.64 J**	ND (0.31)
2,2,4-Trimethylpentane	ND (0.19)	**5.1**	**0.61 J**	**1.1 J**	**1**	**0.56 J**	**28**	**50.9**	**0.89 J**	**381**	**7.5**	**2.9**	**1.1**
Tertiary Butyl Alcohol	**4.2**	**3**	**2**	**16**	**4.2**	**0.88**	**1.3 J**	**1.3**	**1**	ND (2.8)	**0.25 J**	ND (0.28)	ND (0.22)
Tetrachloroethylene	**14**	**0.68**	**7.5**	**7.5**	**3.6**	**38**	**418**	**12**	**233**	**35**	**3.7**	ND (0.095)	**0.62**
Tetrahydrofuran	ND (0.27)	**0.91**	ND (0.27)	**2.8**	ND (0.27)	ND (0.27)	**2.9**	**1.2**	ND (0.27)	ND (2.7)	ND (0.21)	ND (0.27)	ND (0.21)
Toluene	**2.4**	**30**	**2.3**	**17**	**15**	**4.9**	**144**	**108**	**9.8**	**388**	**34**	**7.9**	**2.9**
Trichloroethylene	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.20)	ND (0.10)	**5.9**	**485**	**8.1**	**1.1**	ND (1.0)	ND (0.081)	ND (0.10)	ND (0.081)
Trichlorofluoromethane	**1.7**	ND (0.84)	**1.2**	ND (1.7)	**1.2**	**2.1**	ND (2.8)	**1.9**	**3.4**	ND (8.4)	**1.3**	**1.4**	**1.3**
Vinyl chloride	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.36)	ND (0.18)	ND (0.18)	ND (0.56)	ND (0.18)	ND (0.18)	ND (1.8)	ND (0.14)	ND (0.18)	ND (0.14)
Vinyl Acetate	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.77)	ND (0.39)	ND (0.39)	ND (1.3)	ND (0.39)	ND (0.39)	ND (3.9)	ND (0.32)	ND (0.39)	ND (0.32)
m,p-Xylene	**351**	**16**	**244**	**15**	**16**	**299**	**31**	**50.8**	**184**	**185**	**69.1**	**6.1**	**1.5**
o-Xylene	**270**	**6.5**	**145**	**6.1**	**9.6**	**187**	**12**	**20**	**125**	**79.5**	**36**	**2.4**	**0.69**
Xylenes (total)	**621**	**23**	**389**	**21**	**26**	**486**	**43**	**70.8**	**309**	**264**	**105**	**8.5**	**2.2**

NOTES:

Bold font and gray shading indicates a detection.

a This compound in blank spike is outside in-house QC limits bias high.

b Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in-house QC limits bias high.

c Associated CCV outside of control limits high, sample was ND.

ug/m^3: Micrograms per meter squared.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

NA: Not applicable.

ND: Not detected.

Exeeds NYSDOH Guidance Soil Vapor / Indoor Air Decision Matrix - Mitigate for Sub-Slab Concentrations.

Exeeds NYSDOH Guidance Soil Vapor / Indoor Air Decision Matrix - Identify Sources and Resample or Mitigate per Sub-Slab Concentrations.

Table 5. Estimated Costs for Remedial Alternative 1 - Track 1 UUSCOs
Remedial Action Work Plan
1099-1135 Webster Avenue Redevelopment Site
NYSDEC BCP Site No. C203167

GEI Consultants, Inc., P.C. (GEI) has prepared this cost estimate based on published Vendor Costs, discussions with Contractors and on GEI's project experience. In order to prepare this estimate, GEI made basic assumptions as to actual site conditions that should be encountered; specific decisions and costs by other design professionals to be engaged by the Contractor; the means, materials, methods of construction, and schedule the Contractor will use/determine; and various other factors. The engineer's opinion of cost for this work will vary from this estimate based on final design documents.

Item Description	Quantity	Units	Unit Price	Total Cost
Remedial Action Consulting Services				
Soil Disposal Waste Characterization Sampling	1	Estimate	$ 400,000.00	$ 400,000.00
Coordination and Meetings	1	Estimate	$ 5,000.00	$ 5,000.00
Community Air Monitoring/Support During Excavation	1	Estimate	$ 120,000.00	$ 120,000.00
Endpoint Sampling	1	Estimate	$ 10,000.00	$ 10,000.00
Final Engineering Report	1	Estimate	$ 20,000.00	$ 20,000.00
Subtotal				$ 555,000.00
Total with 20% Contingency				**$ 666,000.00**

Table 6. Estimated Costs for Remedial Action Alternative 2 - Conditional Track 1 UUSCOs
Remedial Action Work Plan
1099-1135 Webster Ave Redevelopment Site
NYSDEC BCP Site No. C203167

GEI Consultants, Inc., P.C. (GEI) has prepared this cost estimate based on published Vendor Costs, discussions with Contractors and on GEI's project experience. In order to prepare this estimate, GEI made basic assumptions as to actual site conditions that should be encountered; specific decisions and costs by other design professionals to be engaged by the Contractor; the means, materials, methods of construction, and schedule the Contractor will use/determine; and various other factors. The engineer's opinion of cost for this work will vary from this estimate based on final design documents.

Item Description	Quantity	Units	Unit Price	Total Cost
Remedial Action Consulting Services				
Soil Disposal Waste Characterization Sampling	1	Estimate	$ 400,000.00	$ 400,000.00
Coordination and Meetings	1	Estimate	$ 5,000.00	$ 5,000.00
Community Air Monitoring/Support During Excavation	1	Estimate	$ 120,000.00	$ 120,000.00
Endpoint Sampling	1	Estimate	$ 10,000.00	$ 10,000.00
Final Engineering Report	1	Estimate	$ 20,000.00	$ 20,000.00
Subtotal				$ 555,000.00
Pilot Test and Full Scale Design VMS and SSDS				
1. Initial Conceptual VMS Design and Regulatory Coordination for HPD Closing	1	Lump Sum	$ 25,000.00	$ 25,000.00
2. Pilot Test (Work Plan, Field Test, Test Report)	1	Estimate	$ 80,000.00	$ 80,000.00
3. Pilot Test (Reporting and Regulatory Coordination)	1	Lump Sum	$ 15,000.00	$ 15,000.00
4. Engineering Design	1	Estimate	$ 75,000.00	$ 75,000.00
Subtotal				$ 195,000.00
Construction and Installation VMS				
4-inch Sch 40 PVC Vapor Mitigation Well Supplies and Installation	1	Lump Sum	$ 20,000.00	$ 20,000.00
VMS manifold, Blower, Air/Water Separator, Logic Controller, and Granular Activated Carbon Unit	1	Estimate	$ 325,000.00	$ 325,000.00
VMS Piping	1	Estimate	$ 22,000.00	$ 22,000.00
SSDS Piping	1	Estimate	$ 16,000.00	$ 16,000.00
SSDS Blower	1	Estimate	$ 5,000.00	$ 5,000.00
System Decomissioning	1	Lump Sum	$ 20,000.00	$ 20,000.00
Subtotal				$ 408,000.00
System Startup and First Year OM&M VMS and SSDS				
Granular Activated Carbon Unit Change-out Service	8	500 lbs	$ 6,000.00	$ 48,000.00
Air Permitting	1	Lump Sum	$ 12,000.00	$ 12,000.00
Efluent Vapor Sampling and Laboratory Analysis	4	Quarter	$ 1,000.00	$ 4,000.00
Construction Oversight and CAMP	1	Lump Sum	$ 14,000.00	$ 14,000.00
Construction Completion and Quarterly Status Reports	1	Lump Sum	$ 25,000.00	$ 25,000.00
O&M Site Visits	1	Lump Sum	$ 30,000.00	$ 30,000.00
Subtotal				$ 133,000.00
Annual Post Installation Operation & Maintenance Projection and SSDS				
Granular Activated Carbon Unit Change-out Service	6	500 lbs	$ 6,000.00	$ 36,000.00
Efluent Vapor Sampling and Laboratory Analysis	4	Quarter	$ 1,000.00	$ 4,000.00
GEI Labor (Monthly Visits)	1	Lump Sum	$ 20,000.00	$ 20,000.00
Quarterly Status Reports	1	Lump Sum	$ 175,000.00	$ 175,000.00
Total				$ 235,000.00
Total with 20% Contingency				**$ 282,000.00**
First Year Total				**$ 1,291,000.00**
First Year Total with 20% Contingency				**$ 1,549,200.00**
Additional Year OM&M, Carbon Changeouts, & Reporting				**$ 282,000.00**

Notes/Assumptions

Detailed engineering design includes drawings and equipment specifications; does not include bid documents, permitting, agency review/comment, or Contractor selection support.

The VMS includes vapor mitigation points, vacuum blower, air/water separator, and granular activated carbon to treat the vapor.

VMS point radius of influence is approximately 40 feet and a total of 5 vapor extraction points are required for target area.

Assumes VM will be constructed in conjunction with property development work such that no separate mobilization/demobilization costs required for construction.

Assumes no offsite disposal required for cuttings from vertical well installations.

Extracted soil vapor samples will be collected before and after activated carbon treatment and analysed for TO-15 VOCs.

First Year Total costs includes all costs for operation, maintenance, and reporting for the SMS for the First Year operation.

Table 7. Estimated Costs for Remedial Alternative 3 - Track 2 RRSCOs
Remedial Action Work Plan
1099-1135 Webster Ave Redevelopment Site
NYSDEC BCP Site No. C203167

GEI Consultants, Inc., P.C. (GEI) has prepared this cost estimate based on published Vendor Costs, discussions with Contractors and on GEI's project experience. In order to prepare this estimate, GEI made basic assumptions as to actual site conditions that should be encountered; specific decisions and costs by other design professionals to be engaged by the Contractor; the means, materials, methods of construction, and schedule the Contractor will use/determine; and various other factors. The engineer's opinion of cost for this work will vary from this estimate based on final design documents.

Item Description	Quantity	Units	Unit Price	Total Cost
Remedial Action Consulting Services				
Soil Disposal Waste Characterization Sampling	1	Estimate	$ 400,000.00	$ 400,000.00
Coordination and Meetings	1	Estimate	$ 5,000.00	$ 5,000.00
Community Air Monitoring/Support During Excavation	1	Estimate	$ 10,000.00	$ 10,000.00
Endpoint Sampling	1	Estimate	$ 10,000.00	$ 10,000.00
Final Engineering Report	1	Estimate	$ 20,000.00	$ 20,000.00
Subtotal				$ 445,000.00
Pilot Test and Full Scale Design VMS and SSDS				
1. Initial Conceptual VMSDesign and Regulatory Coordination for HPD Closing	1	Lump Sum	$ 25,000.00	$ 25,000.00
2. Pilot Test (Work Plan, Field Test, Test Report)	1	Estimate	$ 80,000.00	$ 80,000.00
3. Pilot Test (Reporting and Regulatory Coordination)	1	Lump Sum	$ 15,000.00	$ 15,000.00
4. Engineering Design	1	Estimate	$ 75,000.00	$ 75,000.00
Subtotal				$ 195,000.00
Construction and Installation VMS				
4-inch Sch 40 PVC Vapor Mitigation Well Supplies and Installation	1	Lump Sum	$ 20,000.00	$ 20,000.00
VMS manifold, Blower, Air/Water Separator, Logic Controller, and Granular Activated Carbon Unit	1	Estimate	$ 325,000.00	$ 325,000.00
VMS Piping	1	Estimate	$ 22,000.00	$ 22,000.00
SSDS Piping	1	Estimate	$ 16,000.00	$ 16,000.00
SSDS Blower	1	Estimate	$ 5,000.00	$ 5,000.00
System Decomissioning	1	Lump Sum	$ 20,000.00	$ 20,000.00
Subtotal				$ 408,000.00
System Startup and First Year OM&M VMS and SSDS				
Granular Activated Carbon Unit Change-out Service	8	500 lbs	$ 6,000.00	$ 48,000.00
Air Permitting	1	Lump Sum	$ 12,000.00	$ 12,000.00
Efluent Vapor Sampling and Laboratory Analysis	4	Quarter	$ 1,000.00	$ 4,000.00
Construction Oversight and CAMP	1	Lump Sum	$ 14,000.00	$ 14,000.00
Construction Completion and Quarterly Status Reports	1	Lump Sum	$ 25,000.00	$ 25,000.00
O&M Site Visits	1	Lump Sum	$ 30,000.00	$ 30,000.00
Subtotal				$ 133,000.00
Annual Post Installation Operation & Maintenance Projection and SSDS				
Granular Activated Carbon Unit Change-out Service	6	500 lbs	$ 6,000.00	$ 36,000.00
Efluent Vapor Sampling and Laboratory Analysis	4	Quarter	$ 1,000.00	$ 4,000.00
GEI Labor (Monthly Visits)	1	Lump Sum	$ 20,000.00	$ 20,000.00
Quarterly Status Reports	1	Lump Sum	$ 175,000.00	$ 175,000.00
Total				$ 235,000.00
Total with 20% Contingency				**$ 282,000.00**
First Year Total				**$ 1,181,000.00**
First Year Total with 20% Contingency				**$ 1,417,200.00**
Additional Year OM&M, Carbon Changeouts, & Reporting				**$ 282,000.00**

Notes/Assumptions

Detailed engineering design includes drawings and equipment specifications; does not include bid documents, permitting, agency review/comment, or Contractor selection support.

The VMS includes vapor extraction points, vacuum blower, air/water separator, and granular activated carbon to treat the vapor.

VMS point radius of influence is approximately 40 feet and a total of 5 vapor extraction points are required for target area.

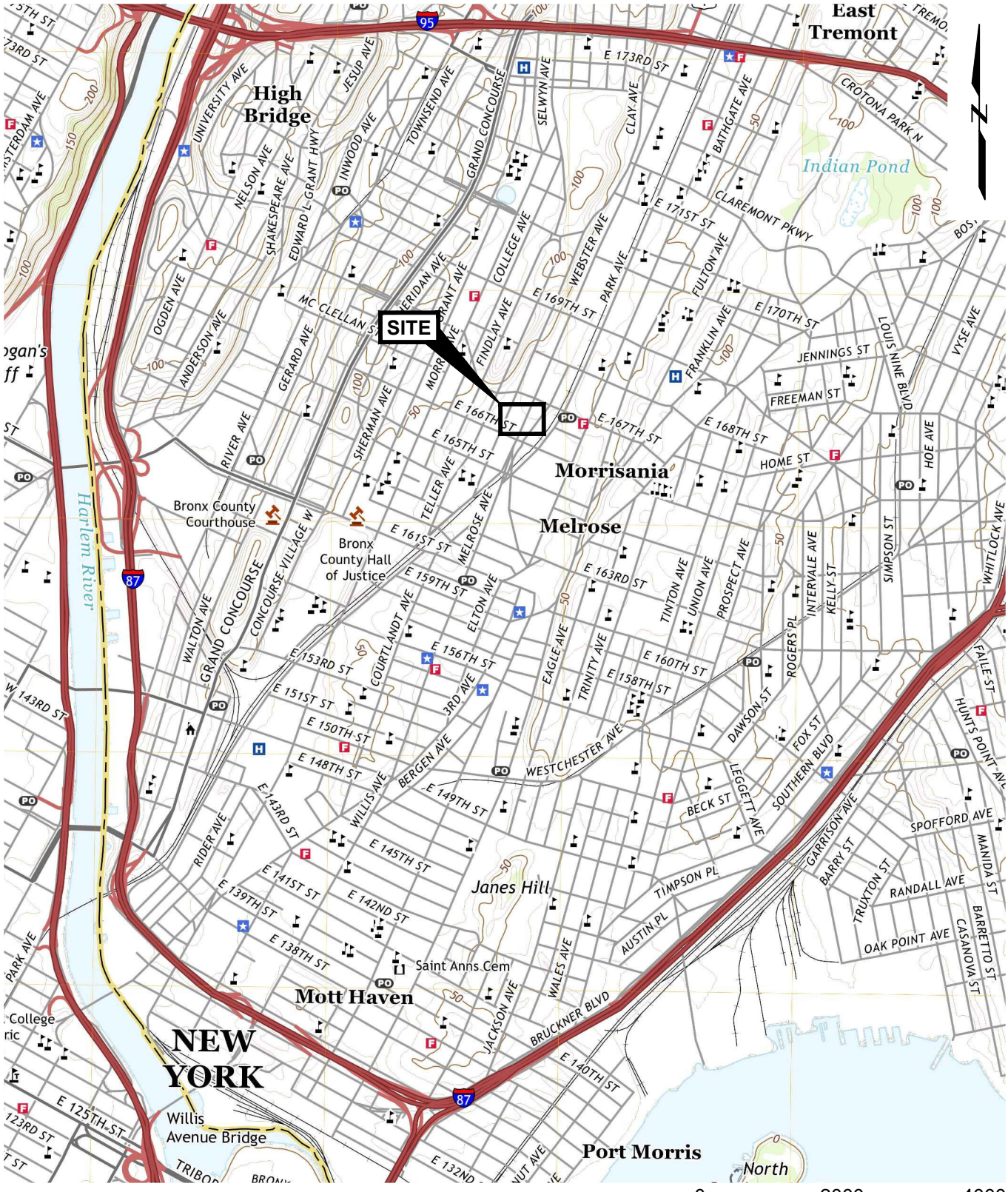
Assumes VMS will be constructed in conjunction with property development work such that no separate mobilization/demobilization costs required for construction.

Assumes no offsite disposal required for cuttings from vertical well installations.

Extracted soil vapor samples will be collected before and after activated carbon treatment and analysed for TO-15 VOCs.

First Year Total costs includes all costs for operation, maintenance, and reporting for the VMS for the First Year operation.

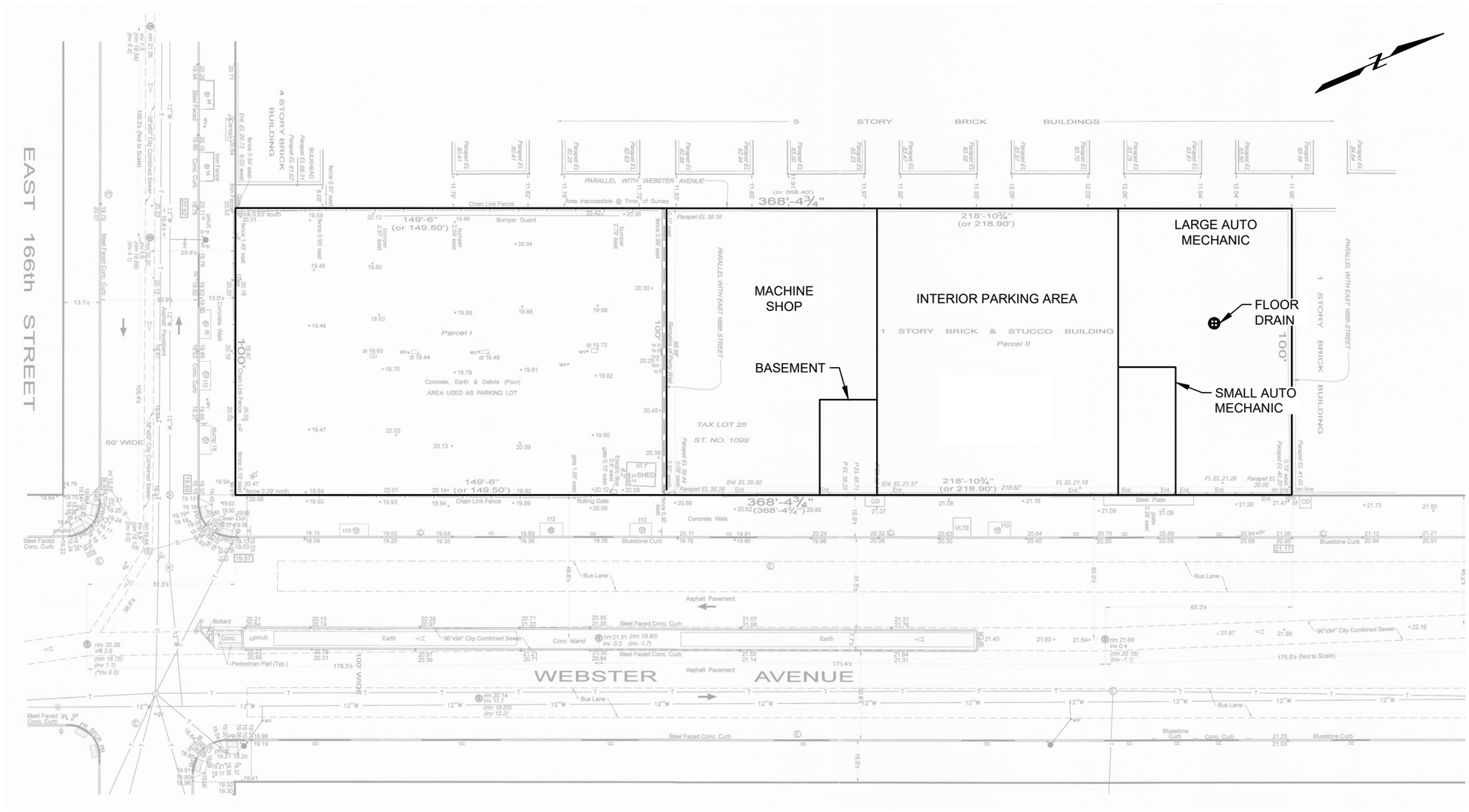
Figures



SOURCE:
USGS TOPOGRAPHICAL MAP OF CENTRAL PARK, NY NJ 2019
(www.ngmdb.usgs.gov/topoview).

Remedial Action Work Plan 1099 Webster Avenue Bronx, New York	GEI Consultants	SITE LOCATION MAP
Mega Development Group Long Island City, New York	Project 2203948	May 2025 Fig. 1

EDDY, DEREK \\geiconsultants.com\Data\Data_Storage\Working\MEGA DEVELOPMENT\2203948 Ten 99 Development Project NYSDEC BCP\00_CAD\Figures\RAWP\2203948_RAWP_SLM (dec).dwg - 5/12/2025



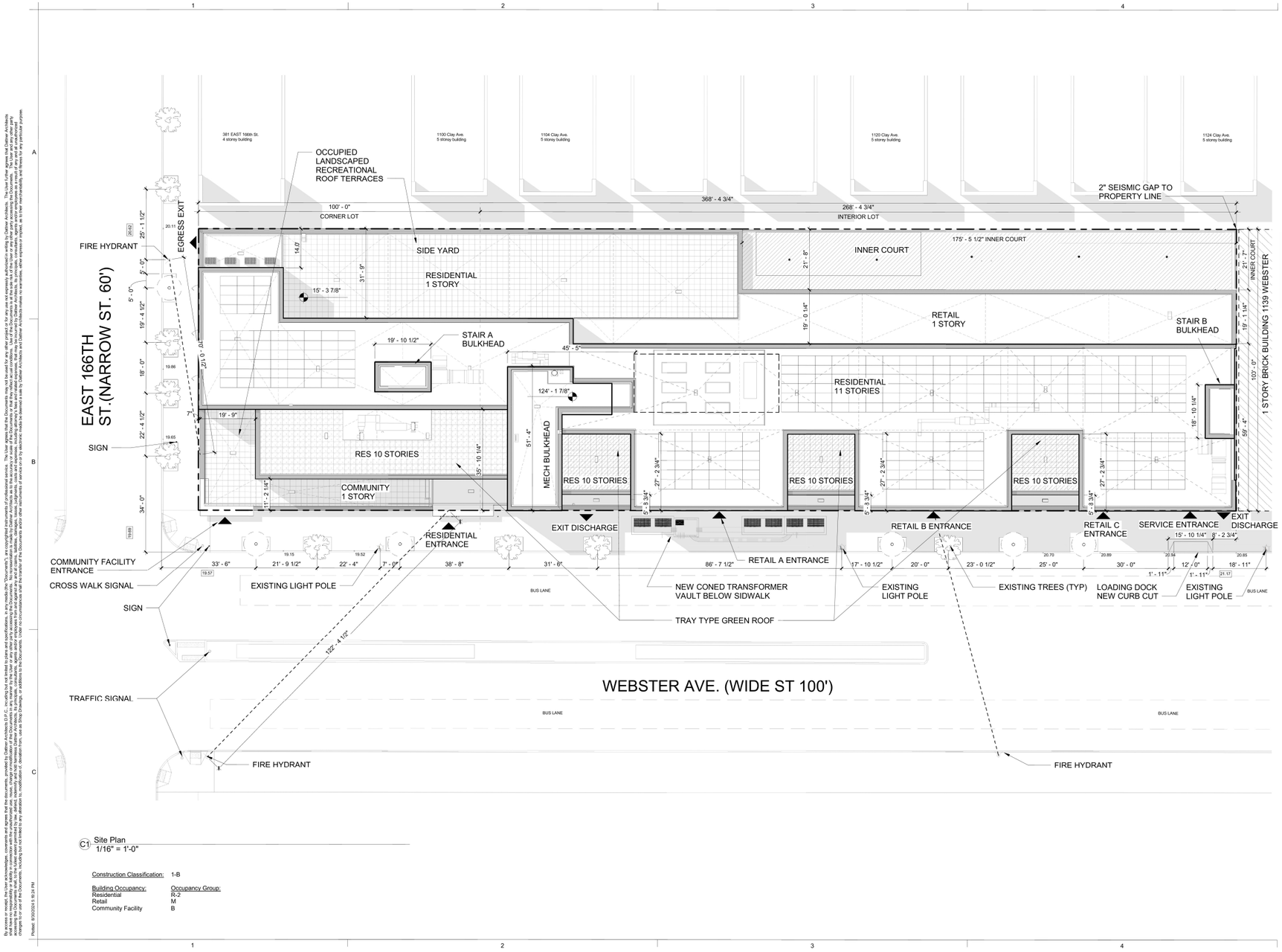
SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.

0 40 80

SCALE: 1" = 40'

Remedial Action Work Plan 1099 Webster Avenue Bronx, New York	GEI Consultants	SITE PLAN
Mega Development Group Long Island City, New York	Project 2203948	May 2025 Fig. 2



C1 Site Plan
1/16" = 1'-0"

Construction Classification: 1-B

Building Occupancy:	Occupancy Group:
Residential	R-2
Retail	M
Community Facility	B

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Plotted: 8/30/2024 5:16:24 PM

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1111 Webster Ave.
Bronx NY 10456

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48-02 25th Ave, Suite 400 C
Astoria, NY 11103

Schur Management Co., Ltd.
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Bronx, NY 10458

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Nyack, NY 10960

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38 E. 32nd St. 11th Fl.
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Ettinger Engineering Associates
505 8th Ave. 24th Fl.
New York, NY 10018

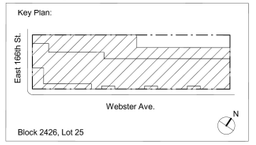
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Architectural Site Plan

Date	08/30/2024
Scale	As indicated
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231 Seal
Sheet No.:	A-001.00

SOURCES:

1. FIGURE BASED ON *DRAWING A-001.00 ARCHITECTURAL SITE PLAN* PREPARED BY DATTNER ARCHITECTS, SCALE: 1/16" = 1'-0", DATE: 08-30-2024.

0 40 80
SCALE: 1" = 40'

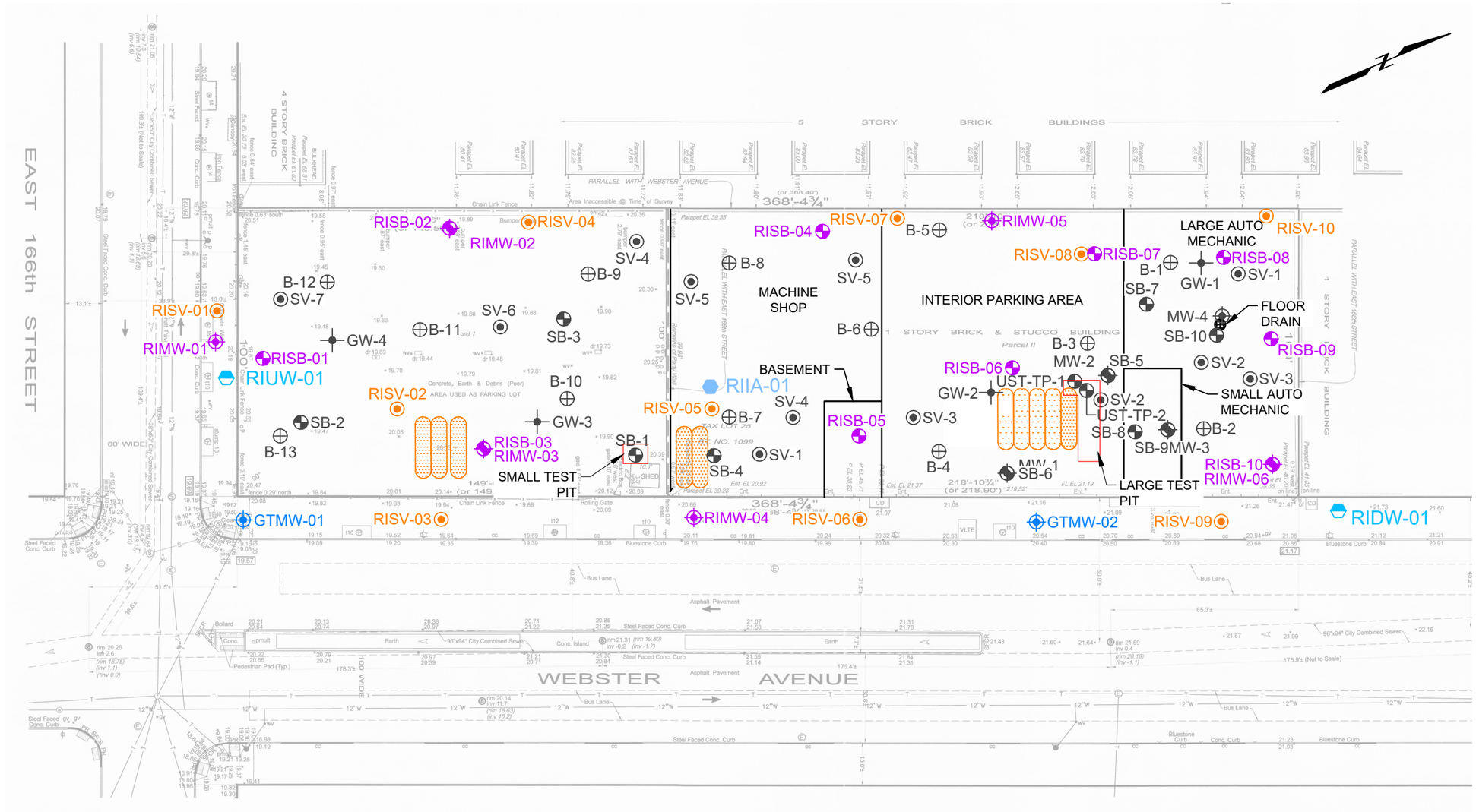
Remedial Action Work Plan
1099 Webster Avenue
Bronx, New York

Mega Development Group
Long Island City, New York

GEI Consultants

PROPOSED REDEVELOPMENT FOOTPRINT

Project 2203948 | May 2025 | Fig. 3



LEGEND:

- SOIL BORING
- SOIL BORING / MONITORING WELL
- MONITORING WELL
- MONITORING WELL INSTALLED AS PART OF GEI'S GEOTECHNICAL INVESTIGATION
- INDOOR AIR SAMPLE
- AMBIENT AIR SAMPLE
- SOIL VAPOR SAMPLE
- EXISTING SOIL BORING / MONITORING WELL
- EXISTING MONITORING WELL
- PREVIOUS SOIL BORING
- PREVIOUS GROUNDWATER SAMPLE
- PREVIOUS SOIL VAPOR SAMPLE
- FLOOR DRAIN
- UST ANOMALY
- TEST PIT (GEI)

NOTES:

1. TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 PHASE II ESA) WERE RELOCATED TO THE MACHING SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS.
2. DURING GEI'S 2022 GEOTECHNICAL INVESTIGATION, TWO MONITORING WELLS WERE INSTALLED BUT NOT SAMPLED FOR CHEMICAL CONSTITUENTS.

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
2. UST ANOMALIES FROM FROM *FIGURE 2: GEOPHYSICAL SURVEY POTENTIAL USTs, PROPERTY LOCATED AT 1099-1135 WEBSTER AVENUE, BRONX, NEW YORK*, PREPARED BY ENVIRONMENTAL STUDIES CORPORATION, SCALE: 1" = 50'.

0 40 80

SCALE: 1" = 40'

Remedial Action Work Plan
1099 Webster Avenue
Bronx, New York

Mega Development Group
Long Island City, New York

GEI Consultants

COMBINED SAMPLE LOCATION MAP

Project 2203948 | May 2025 | Fig. 4

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LEGEND:

- RI SOIL BORING
- SOIL BORING (2022)
- SOIL BORING (2018)
- FLOOR DRAIN
- UST ANOMALY (2018)

Location Sample Depth Sampling Date	RISB-02 0-2 3/19/2024	RISB-02 4-6 3/19/2024	RISB-02 10-12 3/19/2024
VOC (mg/Kg)			
Acetone	0.0410	0.150	0.012
SVOC (mg/Kg)			
Benzo(a)anthracene	1.450	U	U
Benzo(a)pyrene	1.810	U	U
Benzo(b)fluoranthene	1.520	U	U
Benzo(k)fluoranthene	1.230	U	U
Chrysene	1.280	U	U
Dibenzo(a,h)anthracene	0.358	U	U
Indeno(1,2,3-cd)pyrene	1.080	U	U
Metals (mg/Kg)			
Barium	221	354	41.500
Copper	155	6.450	17
Lead	362	6.650	8.340
Zinc	354	40,200	29,500
Mercury (mg/Kg)			
Mercury	0.481	0.137	U

Location: Sample Depth (ft.): Sample Date:	B-9 0-2 5/21/2018	B-9 12-14 5/21/2018
SVOCs (mg/Kg)		
Benzo(a)anthracene	7.79	U
Benzo(a)pyrene	6.63	U
Benzo(b)fluoranthene	6.63	U
Benzo(k)fluoranthene	5.62	U
Chrysene	6.72	U
Dibenzo(a,h)anthracene	1.56	U
Indeno(1,2,3-cd)pyrene	4.17	U

Location: Sample Depth (ft.): Sample Date:	B-8 0-2 5/21/2018	B-8 12-14 5/21/2018
Metals (mg/Kg)		
Arsenic	113	U
Lead	166	5.380
Zinc	200	51

Location: Sample Depth (ft.): Sample Date:	B-7 0-2 5/21/2018	B-7 12-14 5/21/2018
Metals (mg/Kg)		
Arsenic	68	U
Lead	69.9	2.410

Location: Sample Depth (ft.): Sample Date:	B-6 0-2 5/21/2018	B-6 12-14 5/21/2018
VOCs (mg/Kg)		
Acetone	0.14	0.00770
Pesticides (mg/Kg)		
4,4'-DDT	0.00613	U
Metals (mg/Kg)		
Lead	156	3.270

Location: Sample Depth (ft.): Sample Date:	B-5 0-2 5/21/2018	B-5 12-14 5/21/2018
Metals (mg/Kg)		
Copper	56	9.910
Lead	198	2.230
Zinc	142	22.500

Location Sample Depth Sampling Date	RISB-01 0-2 3/25/2024	RISB-01 10-12 3/25/2024	RISB-01 13-15 3/25/2024
VOC (mg/Kg)			
Acetone	0.0130	0.0750	0.0140
Mercury (mg/Kg)			
Mercury	0.306	U	U
PFAS (ug/Kg)			
Perfluorooctanesulfonic acid (PFOS)	1.100	U	0.618

Sample ID Sample Depth Sampling Date	RISB-07 0-2 3/26/2024	RISB-07 4-6 3/26/2024	RISB-07 10-12 3/26/2024
Metals (mg/Kg)			
Cadmium	2.550	U	U
PFAS (ug/Kg)			
Perfluorooctanesulfonic acid (PFOS)	5.100	10.200	U
Perfluorooctanoic acid (PFOA)	0.122	1.420	U

Location: Sample Depth (ft.): Sample Date:	SB-7 0-2 11/30/2022
SVOCs (mg/Kg)	
Benzo[b]fluoranthene	1.1
Indeno[1,2,3-cd]pyrene	0.57
Metals (mg/Kg)	
Zinc	142

Location: Sample Depth (ft.): Sample Date:	SB-10 0-2 11/28/2022	SB-10 6-8 11/28/2022
VOCs (mg/Kg)		
1,2-Dichlorobenzene	3.4	U
cis-1,2-Dichloroethene	1.0	U
Ethylbenzene	1.7	U
Tetrachloroethene	18	U
Toluene	2.7	U
Trichloroethene	1.1	U

Location: Sample Depth (ft.): Sample Date:	SB-5 0-2 12/1/2022
Pestides (mg/Kg)	
4,4'-DDE	0.0037 J

Location: Sample Depth (ft.): Sample Date:	SB-9 8-9 11/28/2022	SB-9 9-10 11/28/2022
SVOCs (mg/Kg)		
Benzo[a]anthracene	2.6	0.36
Benzo[a]pyrene	2.3	0.32
Benzo[b]fluoranthene	3.0	0.39
Benzo[k]fluoranthene	1.2	0.20
Chrysene	2.1	0.31
Dibenz(a,h)anthracene	0.43	0.046
Indeno[1,2,3-cd]pyrene	1.6	0.22

Location Sample Depth Sampling Date	RISB-03 4-6 3/19/2024	RISB-03 10-12 3/19/2024
Metals (mg/Kg)		
Barium	438	92,300

Sample ID Sample Depth Sampling Date	RISB-05 10-12 3/25/2024	RISB-05 13-15 3/25/2024
Metals (mg/Kg)		
Lead	171	3.760

Location: Sample Depth (ft.): Sample Date:	B-13 0-2 5/21/2018	B-13 12-14 5/21/2018
VOCs (mg/Kg)		
Acetone	0.072	0.26
Metals (mg/Kg)		
Copper	57.5	27.6
Lead	242	4.21
Mercury	0.401	U

Location: Sample Depth (ft.): Sample Date:	SB-2 8-10 12/1/2022
VOCs (mg/Kg)	
Acetone	0.14
Metals (mg/Kg)	
Nickel	32.2

Location: Sample Depth (ft.): Sample Date:	UST-TP-1 11/30/2022
Metals (mg/Kg)	
Zinc	347

Location: Sample Depth (ft.): Sample Date:	UST-TP-2 11/30/2022
Metals (mg/Kg)	
Zinc	327

Analyte	NYSDEC Unrestricted Use SCO	NYSDEC - Residential Use SCO	NYSDEC - Restricted Residential Use SCO	NYSDEC - Commercial Use SCO	NYSDEC - Industrial Use SCO	NYSDEC - Protection Of GW
VOCs (mg/Kg)						
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1
Acetone	0.05	100	100	500	1,000	0.05
cis-1,2-Dichloroethene	0.25	59	100	500	1,000	0.25
Ethylbenzene	1	30	41	390	780	1
Tetrachloroethene	1.3	5.5	19	150	300	1.3
Toluene	0.7	100	100	500	1,000	0.7
Trichlorethene	0.47	10	21	200	400	0.47
SVOCs (mg/Kg)						
Benzo[a]anthracene	1	1	1	5.6	11	1
Benzo[a]pyrene	1	1	1	1	1.1	22
Benzo[b]fluoranthene	1	1	1	5.6	11	1.7
Benzo[k]fluoranthene	0.8	1	3.9	56	110	1.7
Chrysene	1	1	3.9	56	110	1
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	8.2
Pesticides (mg/Kg)						
4,4'-DDE	0.0033	1.8	8.9	62	120	17
4,4'-DDT	0.0033	1.7	7.9	47	94	136
Metals (mg/Kg)						
Arsenic	13	16	16	16	16	16
Barium	350	350	400	400	10,000	820
Cadmium	2.5	2.5	4.3	9.3	60	7.5
Copper	50	270	270	270	10,000	1,720
Lead	63	400	400	1,000	3,900	450
Mercury	0.18	0.81	0.81	2.8	5.7	0.73
Nickel	30	140	310	310	10,000	130
Zinc	109	2,200	10,000	10,000	10,000	2,480
PFAS (ug/Kg)						
Perfluorooctanesulfonic acid	0.88	8.8	44	440	440	3.7
Perfluorooctanoic acid	0.66	6.6	33	500	600	1.1

NOTES:

TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

mg/Kg = MILLIGRAMS/KILOGRAM OR PARTS PER MILLION (ppm)

VOC = VOLATILE ORGANIC COMPOUND

SVOC = SEMI-VOLATILE ORGANIC COMPOUND

NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SCO = SOIL CLEANUP OBJECTIVES

U = UNDETECTED ANALYTE

COLORED HIGHLIGHTS DENOTE EXCEEDANCES OF RESPECTIVE SCOS

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
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0 40 80

SCALE: 1" = 40'

Remedial Action Work Plan
1099 WEBSTER AVENUE
BRONX, NEW YORK

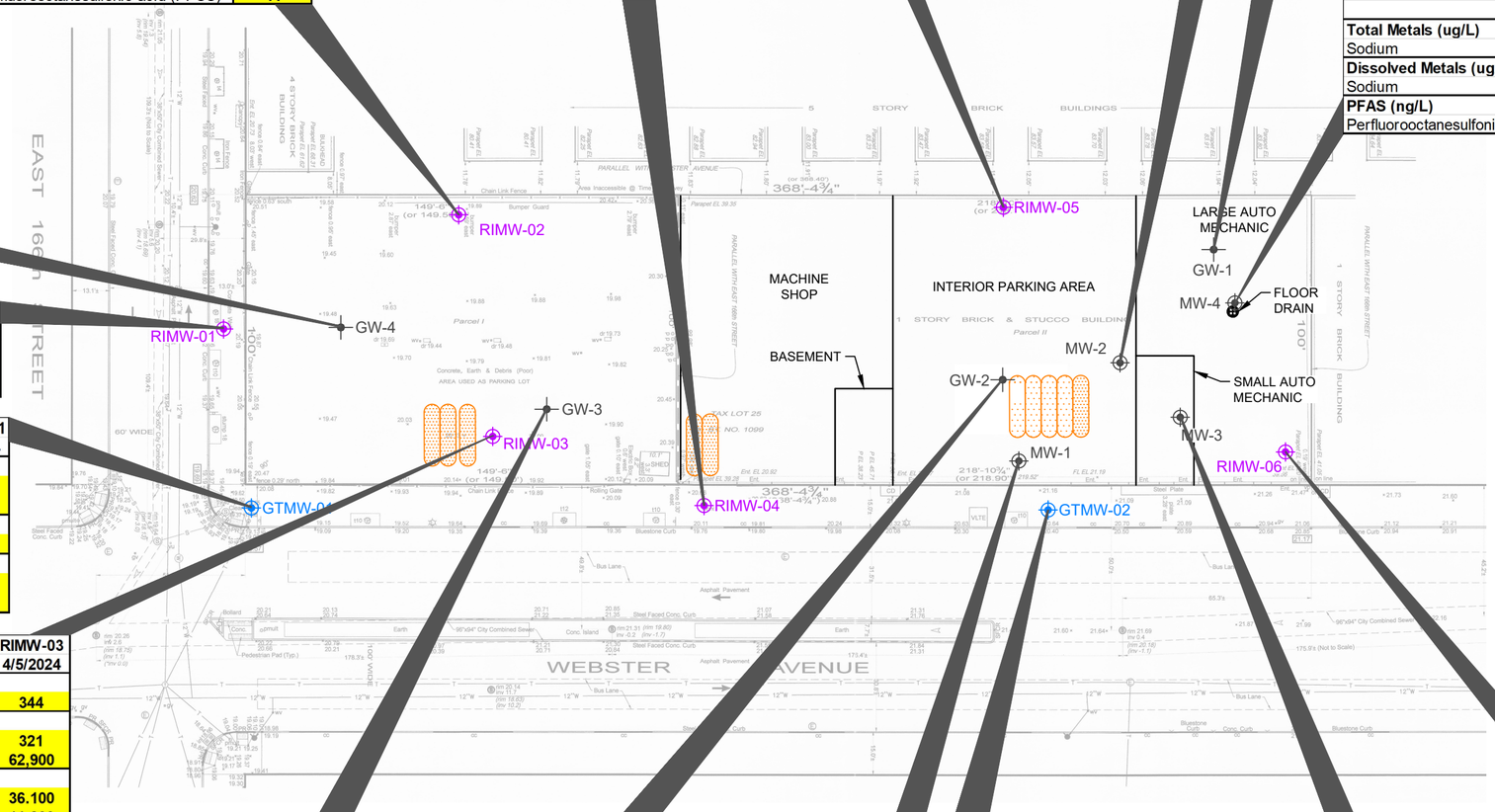
Mega Development Group
Long Island City, New York

GEI Consultants

SOIL SAMPLE EXCEEDANCES

Project 2203948 | May 2025 | Fig. 5

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Location: Sample Date:	GW-4 5/22/2018
Total Metals (ug/L)	
Manganese	2,180
Sodium	52,500
Dissolved Metals (ug/L)	
Manganese	655
Sodium	48,600
PCBs (ug/L)	
Total PCBs	4.44 D

Location Sampling Date	RIMW-01 4/5/2024
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	44.200
Perfluorooctanoic acid (PFOA)	30.300

Location Sampling Date	GTMW-01 4/5/2024
Total Metals (ug/L)	
Iron	364
Sodium	88,400
Dissolved Metals (ug/L)	
Sodium	86,200
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	31.200
Perfluorooctanoic acid (PFOA)	16.700

Location Sampling Date	RIMW-03 4/5/2024
Total Metals (ug/L)	
Manganese	344
Dissolved Metals (ug/L)	
Manganese	321
Sodium	62,900
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	36.100
Perfluorooctanoic acid (PFOA)	11.800

Location Sampling Date	RIMW-02 4/5/2024
Total Metals (ug/L)	
Sodium	52,300
Selenium	11.800
Dissolved Metals (ug/L)	
Sodium	52,500
Selenium	12.100
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	11

Location Sampling Date	RIMW-04 4/5/2024
Total Metals (ug/L)	
Sodium	90,600
Dissolved Metals (ug/L)	
Sodium	87,400
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	19.400
Perfluorooctanoic acid (PFOA)	15.600

Location Sampling Date	RIMW-05 4/5/2024
Total Metals (ug/L)	
Iron	4,590
Magnesium	77,700
Manganese	1,100
Sodium	186,000
Dissolved Metals (ug/L)	
Magnesium	37,400
Sodium	156,000
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	13
Perfluorooctanoic acid (PFOA)	19.300

Location Sampling Date	MW-2 4/5/2024
Total Metals (ug/L)	
Sodium	55,500
Dissolved Metals (ug/L)	
Sodium	54,800
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	28.700
Perfluorooctanoic acid (PFOA)	8.500

Location: Sample Date:	GW-3 5/22/2018
Total Metals (ug/L)	
Manganese	825
Sodium	65,500
Dissolved Metals (ug/L)	
Manganese	554
Sodium	65,200
PCBs (ug/L)	
Total PCBs	5.44 D

Location: Sample Date:	GW-2 5/21/2018
SVOCs (ug/L)	
Benzo(a)anthracene	0.295
Benzo(a)pyrene	0.411
Benzo(b)fluoranthene	0.295
Benzo(k)fluoranthene	0.337
Total Metals (ug/L)	
Chromium	69.3
Copper	208
Lead	805
Manganese	1,130
Selenium	32.8
Sodium	99,200
Dissolved Metals (ug/L)	
Sodium	91,500
Selenium	39.5
PCBs (ug/L)	
Total PCBs	7.76 D

Location: Sample Date:	MW-1 12/6/2022
Total Metals (ug/L)	
Chromium	72.7
Iron	44,900
Lead	56.4
Magnesium	41,000
Manganese	2,220
Sodium	65,000
Dissolved Metals (ug/L)	
Sodium	66,000

Location Sampling Date	GTMW-02 4/5/2024
Total Metals (ug/L)	
Iron	454
Sodium	59,100
Dissolved Metals (ug/L)	
Sodium	57,600
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	28.100
Perfluorooctanoic acid (PFOA)	10.700

Location: Sample Date:	MW-3 12/6/2022
Total Metals (ug/L)	
Iron	25,600
Lead	33.8
Magnesium	41,000
Manganese	3,280
Sodium	83,700
Dissolved Metals (ug/L)	
Sodium	83,300

Location Sampling Date	MW-4 4/5/2024
Total Metals (ug/L)	
Sodium	44,900
Dissolved Metals (ug/L)	
Sodium	44,500
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	26.200

Location: Sample Date:	GW-1 5/21/2018
Pesticides (ug/L)	
Chlordane, Total	0.0682
Total Metals (ug/L)	
Barium	3,660
Chromium	688
Arsenic	35.4
Copper	574
Lead	150
Magnesium	395,000
Manganese	25,900
Nickel	465
Sodium	134,000
Selenium	42.8
Dissolved Metals (ug/L)	
Manganese	1,020
Sodium	109,000
PCBs (ug/L)	
Total PCBs	3.74

Location Sampling Date	RIMW-06 4/5/2024
Total Metals (ug/L)	
Iron	1,920
Manganese	455
Sodium	60,700
Dissolved Metals (ug/L)	
Manganese	329
Sodium	60,900
PFAS (ng/L)	
Perfluorooctanesulfonic acid (PFOS)	19.600

LEGEND:

- MONITORING WELL
- MONITORING WELL INSTALLED AS PART OF GEI'S GEOTECHNICAL INVESTIGATION
- EXISTING MONITORING WELL (2022)
- GROUNDWATER PROBE SAMPLE (2018)
- FLOOR DRAIN
- UST ANOMALY

Analyte	NYSDEC TOGS Class GA Standards and Guidance Values
SVOCs (ug/L)	
Benzo(a)antrhacene	0.002
Benzo(a)pyrene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Pesticides (ug/L)	
Chlordane, Total	0.05
PCBs (ug/L)	
Total PCBS	0.09
Metals (ug/L)	
Arsenic	25
Barium	1,000
Beryllium	3
Chromium	50
Copper	200
Iron	300
Lead	25
Magnesium	35,000
Manganese	300
Nickel	100
Selenium	10
Sodium	20,000
Thallium	0.50
PFAS (ng/L)	
Perfluorooctanesulfonic acid	2.7
Perfluorooctanoic acid	6.7

NOTES:

TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

ug/L = MICROGRAMS/LITER OR PARTS PER BILLION (ppb)

PCBs = POLYCHLORINATED BIPHENYLS

SVOC = SEMI-VOLATILE ORGANIC COMPOUND

NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

TOGS = TECHNICAL AND OPERATIONAL GUIDANCE SERIES

SCO = SOIL CLEANUP OBJECTIVES

HIGHLIGHTS DENOTE EXCEEDANCES OF THE CLASS GA STANDARDS

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
2. UST ANOMALIES FROM FROM *FIGURE 2: GEOPHYSICAL SURVEY POTENTIAL USTs, PROPERTY LOCATED AT 1099-1135 WEBSTER AVENUE, BRONX, NEW YORK*, PREPARED BY ENVIRONMENTAL STUDIES CORPORATION, SCALE: 1" = 50'.

0 40 80

SCALE: 1" = 40'

Remedial Action Work Plan
1099 WEBSTER AVENUE
BRONX, NEW YORK

Mega Development Group
Long Island City, New York

GEI Consultants

GROUNDWATER SAMPLE EXCEEDANCES

Project 2203948 | May 2025 | Fig. 6

LEGEND:

- SOIL VAPOR SAMPLE
- SOIL VAPOR PROBE (2022)
- SOIL VAPOR PROBE (2018)
- FLOOR DRAIN
- UST ANOMALY

Analyte	NYSDOH Decision Guidance Mitigate for Sub-Slab Concentrations	NYSDOH Decision Guidance Identify Sources & Re-Sample or Mitigate per Sub-Slab Concentrations
VOCs (µg/m³)		
Tetrachlorothene	1,000 and above	N/A
Trichloroethene	60 and above	N/A
1,3,5 - Trimethylbenzene	600 and above	10 and above: Identify sources and re-sample or mitigate <60
Ethylbenzene	600 and above	10 and above: Identify sources and re-sample or mitigate <60
Hetpane	2,000 and above	N/A
M,P - Xylene	2,000 and above	20 and above: Identify sources and re-sample or mitigate <200
O - Xylene	600 and above	10 and above: Identify sources and re-sample or mitigate <60

NOTES:

TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

N/A: NOT APPLICABLE

(µg/m³): MICROGRAMS PER CUBIC METER AIR (ppb)

CVOCs: CHLORINATED VOLATILE ORGANIC COMPOUNDS.

BTEX: TOTAL BENZENE, TOLUENE, ETHYLBENZENE & XYLENE.

COLOR HIGHLIGHTS IN TABLE ABOVE DENOTE EXCEEDANCES OF RESPECTIVE NYSDOH GUIDANCE MATRIX VALUES

Sample ID:	SV-4
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	1.8
Ethylbenzene	1.2
Toluene	6.4
Xylene (total)	4.4
Total BTEX	13.8
CVOCs (µg/m³)	
Tetrachloroethene	1.0
Trichloroethene	0.19

Sample ID:	SV-5
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	20
Ethylbenzene	86
Toluene	150
Xylene (total)	560
Total BTEX	816
CVOCs (µg/m³)	
Tetrachloroethene	20
Trichloroethene	12

Sample ID:	SV-5
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	1.1
Ethylbenzene	1.7
Toluene	5.1
Xylene (total)	7.0
Total BTEX	14.9
CVOCs (µg/m³)	
Tetrachloroethene	45
Trichloroethene	1.0

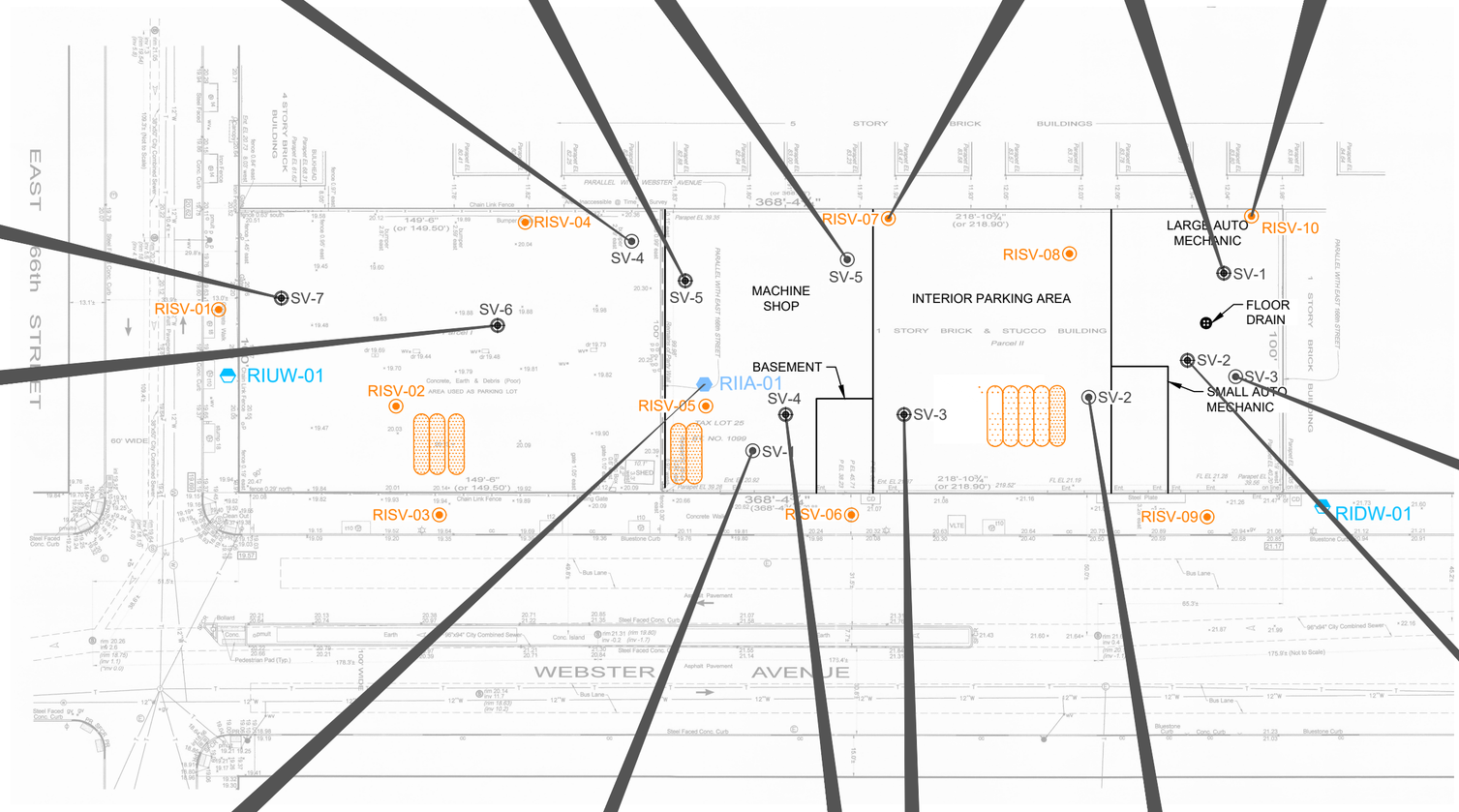
Sample ID	RISV-07
Sample Matrix	Soil Vapor
Sample Date	4/2/2024
BTEX (µg/m3)	
Benzene	7
Ethylbenzene	9.6
Toluene	144
Xylenes (total)	43
Total BTEX	203.6
Heptane	23
CVOCs (µg/m3)	
1,1-Dichloroethane	0.73
Carbon tetrachloride	0.82
cis-1,2-Dichloroethylene	0.38
Methylene chloride	0.63
Tetrachloroethylene	418
Trichloroethylene	485
Vinyl chloride	0.56
Total CVOCs	906.12

Sample ID:	SV-1
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	38
Ethylbenzene	100
Toluene	230
Xylene (total)	620
Total BTEX	988
CVOCs (µg/m³)	
Tetrachloroethene	200
Trichloroethene	11

Sample ID	RISV-10
Sample Matrix	Soil Vapor
Sample Date	4/2/2024
BTEX (µg/m3)	
Benzene	66.4
Ethylbenzene	66
Toluene	388
Xylenes (total)	264
Total BTEX	784.4
Heptane	3,000
CVOCs (µg/m3)	
1,1-Dichloroethane	2.3
Carbon tetrachloride	2.5
cis-1,2-Dichloroethylene	1.2
Methylene chloride	1.9
Tetrachloroethylene	35
Trichloroethylene	1.0
Vinyl chloride	1.8
Total CVOCs	45.7

Sample ID:	SV-7
Sample Matrix:	Soil Vapor
Sample Date:	5/22/2018
BTEX (µg/m³)	
Benzene	15
Ethylbenzene	88
Toluene	150
Xylene (total)	600
Total BTEX	853
CVOCs (µg/m³)	
Tetrachloroethene	62
Trichloroethene	34

Sample ID:	SV-6
Sample Matrix:	Soil Vapor
Sample Date:	5/22/2018
BTEX (µg/m³)	
Benzene	68
Ethylbenzene	58
Toluene	190
Xylene (total)	263
Total BTEX	579
CVOCs (µg/m³)	
Tetrachloroethene	1.4
Trichloroethene	1.3



Sample ID:	RIIA-01
Sample Matrix:	Indoor Air
Sample Date:	4/2/2024
BTEX (µg/m³)	
Ethylbenzene	16
1,3,5-Trimethylbenzene	25
M,P-Xylene	69.1
O-Xylene	36

Sample ID:	SV-1
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	0.61
Ethylbenzene	0.47
Toluene	2.4
Xylene (total)	0.77
Total BTEX	4.25
CVOCs (µg/m³)	
Tetrachloroethene	28
Trichloroethene	42

Sample ID:	SV-4
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	73
Ethylbenzene	140
Toluene	340
Xylene (total)	970
Total BTEX	1,523
CVOCs (µg/m³)	
Tetrachloroethene	380
Trichloroethene	180

Sample ID:	SV-3
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	27
Ethylbenzene	99
Toluene	180
Xylene (total)	650
Total BTEX	956
CVOCs (µg/m³)	
Tetrachloroethene	200
Trichloroethene	390

Sample ID:	SV-2
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	83
Ethylbenzene	9.2
Toluene	150
Xylene (total)	40
Total BTEX	282.2
CVOCs (µg/m³)	
Tetrachloroethene	200
Trichloroethene	96

Sample ID:	SV-3
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	19
Ethylbenzene	170
Toluene	140
Xylene (total)	870
Total BTEX	1,199
CVOCs (µg/m³)	
Tetrachloroethene	680
Trichloroethene	56

Sample ID:	SV-2
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	22
Ethylbenzene	85
Toluene	150
Xylene (total)	570
Total BTEX	827
CVOCs (µg/m³)	
Tetrachloroethene	1,200
Trichloroethene	12

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
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0 40 80

SCALE: 1" = 40'

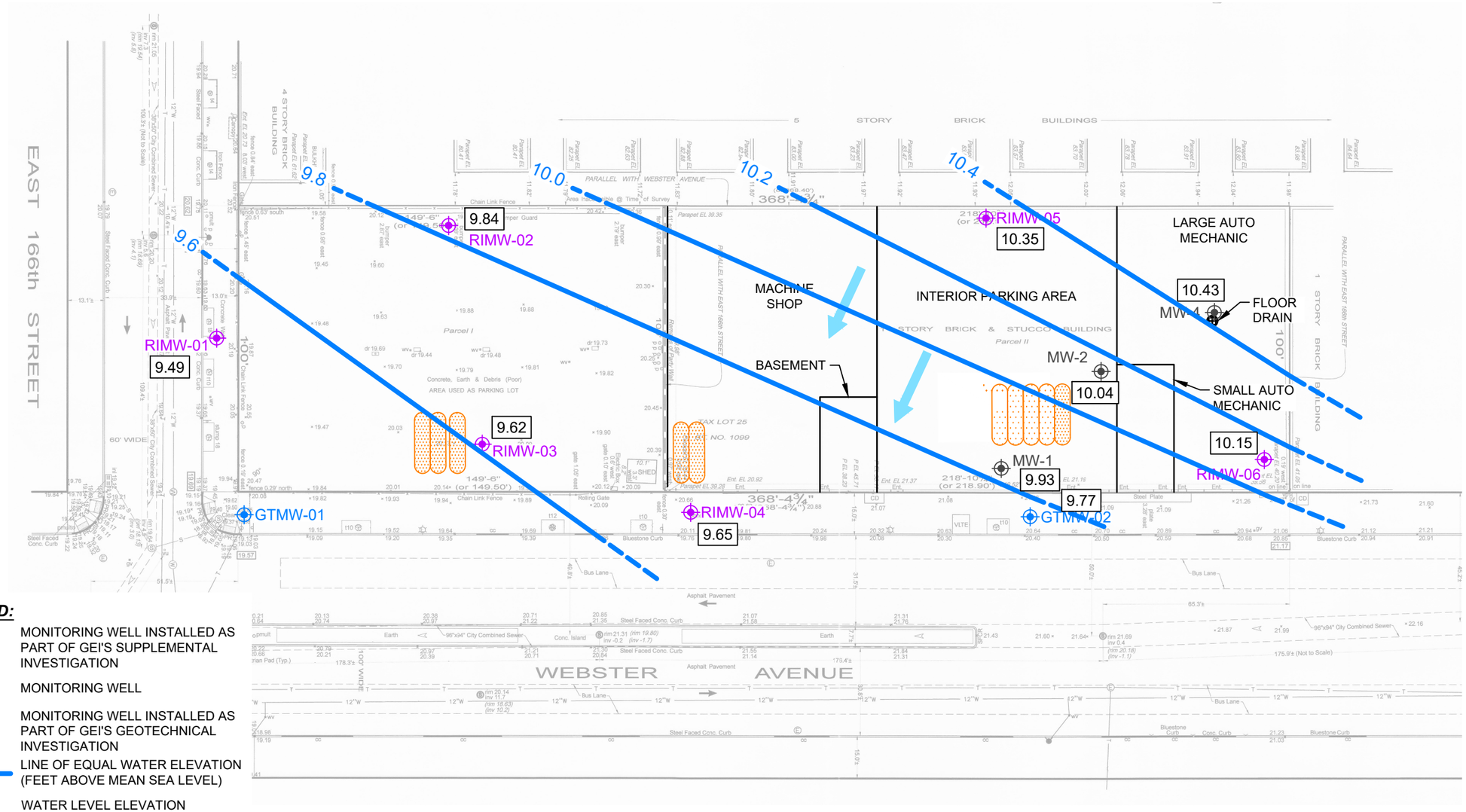
Remedial Action Work Plan
1099 WEBSTER AVENUE
BRONX, NEW YORK

Mega Development Group
Long Island City, New York

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SOIL VAPOR AND INDOOR AIR EXCEEDANCES

Project 2203948 | May 2025 | Fig. 7



LEGEND:

- MONITORING WELL INSTALLED AS PART OF GEI'S SUPPLEMENTAL INVESTIGATION
- MONITORING WELL
- MONITORING WELL INSTALLED AS PART OF GEI'S GEOTECHNICAL INVESTIGATION
- 10.4 LINE OF EQUAL WATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 9.49 WATER LEVEL ELEVATION
- GROUNDWATER FLOW DIRECTION

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
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0 40 80

SCALE: 1" = 40'

Remedial Investigation Report
1099 Webster Avenue
Bronx, New York

Mega Development Group
Long Island City, New York

GEI Consultants

Project 2203948

GROUNDWATER ELEVATIONS AND COUNTOUR MAP - JUNE 3, 2024

May 2025 Fig. 8

EDDY, DEREK \\geiconsultants.com\Data\Data_Storage\Working\MEGA DEVELOPMENT\2203948 Ten 99 Development Project NYSDEC BCP\00_CAD\Figures\RAWP\2203948_RAWP_SP (Dec).dwg - 5/12/2025

LEGEND:

- RI SOIL BORING
- SOIL BORING (2022)
- SOIL BORING (2018)
- FLOOR DRAIN
- UST ANOMALY (2018)

Location Sample Depth Sampling Date	RISB-02 0-2 3/19/2024	RISB-02 4-6 3/19/2024	RISB-02 10-12 3/19/2024
VOC (mg/Kg)			
Acetone	0.0410	0.150	0.012
SVOC (mg/Kg)			
Benzo(a)anthracene	1.450	U	U
Benzo(a)pyrene	1.810	U	U
Benzo(b)fluoranthene	1.520	U	U
Benzo(k)fluoranthene	1.230	U	U
Chrysene	1.280	U	U
Dibenzo(a,h)anthracene	0.358	U	U
Indeno(1,2,3-cd)pyrene	1.080	U	U
Metals (mg/Kg)			
Barium	221	354	41.500
Copper	155	6.450	17
Lead	362	6.650	8.340
Zinc	354	40,200	29,500
Mercury (mg/Kg)			
Mercury	0.481	0.137	U

Location Sample Depth Sampling Date	RISB-01 0-2 3/25/2024	RISB-01 10-12 3/25/2024	RISB-01 13-15 3/25/2024
VOC (mg/Kg)			
Acetone	0.0130	0.0750	0.0140
Mercury (mg/Kg)			
Mercury	0.306	U	U
PFAS (ug/Kg)			
Perfluorooctanesulfonic acid (PFOS)	1.100	U	0.618

Location: Sample Depth (ft.): Sample Date:	B-9 0-2 5/21/2018	B-9 12-14 5/21/2018
SVOCs (mg/Kg)		
Benzo(a)anthracene	7.79	U
Benzo(a)pyrene	6.63	U
Benzo(b)fluoranthene	6.63	U
Benzo(k)fluoranthene	5.62	U
Chrysene	6.72	U
Dibenzo(a,h)anthracene	1.56	U
Indeno(1,2,3-cd)pyrene	4.17	U

Location: Sample Depth (ft.): Sample Date:	B-7 0-2 5/21/2018	B-7 12-14 5/21/2018
Metals (mg/Kg)		
Arsenic	68	U
Lead	69.9	2.410

Location: Sample Depth (ft.): Sample Date:	B-8 0-2 5/21/2018	B-8 12-14 5/21/2018
Metals (mg/Kg)		
Arsenic	113	U
Lead	166	5.380
Zinc	200	51

Location: Sample Depth (ft.): Sample Date:	B-6 0-2 5/21/2018	B-6 12-14 5/21/2018
VOCs (mg/Kg)		
Acetone	0.14	0.00770
Pesticides (mg/Kg)		
4,4'-DDT	0.00613	U
Metals (mg/Kg)		
Lead	156	3.270

Location: Sample Depth (ft.): Sample Date:	B-5 0-2 5/21/2018	B-5 12-14 5/21/2018
Metals (mg/Kg)		
Copper	56	9.910
Lead	198	2.230
Zinc	142	22.500

Sample ID Sample Depth Sampling Date	RISB-07 0-2 3/26/2024	RISB-07 4-6 3/26/2024	RISB-07 10-12 3/26/2024
Metals (mg/Kg)			
Cadmium	2.550	U	U
PFAS (ug/Kg)			
Perfluorooctanesulfonic acid (PFOS)	5.100	10.200	U
Perfluorooctanoic acid (PFOA)	0.122	1.420	U

Location: Sample Depth (ft.): Sample Date:	SB-7 0-2 11/30/2022
SVOCs (mg/Kg)	
Benzo[b]fluoranthene	1.1
Indeno[1,2,3-cd]pyrene	0.57
Metals (mg/Kg)	
Zinc	142

Location: Sample Depth (ft.): Sample Date:	SB-10 0-2 11/28/2022	SB-10 6-8 11/28/2022
VOCs (mg/Kg)		
1,2-Dichlorobenzene	3.4	U
cis-1,2-Dichloroethene	1.0	U
Ethylbenzene	1.7	U
Tetrachloroethene	18	U
Toluene	2.7	U
Trichloroethene	1.1	U

Location: Sample Depth (ft.): Sample Date:	SB-5 0-2 12/1/2022
Pestides (mg/Kg)	
4,4'-DDE	0.0037 J

Location: Sample Depth (ft.): Sample Date:	SB-9 8-9 11/28/2022	SB-9 9-10 11/28/2022
SVOCs (mg/Kg)		
Benzo[a]anthracene	2.6	0.36
Benzo[a]pyrene	2.3	0.32
Benzo[b]fluoranthene	3.0	0.39
Benzo[k]fluoranthene	1.2	0.20
Chrysene	2.1	0.31
Dibenz(a,h)anthracene	0.43	0.046
Indeno[1,2,3-cd]pyrene	1.6	0.22

Location Sample Depth Sampling Date	RISB-03 4-6 3/19/2024	RISB-03 10-12 3/19/2024
Metals (mg/Kg)		
Barium	438	92,300

Sample ID Sample Depth Sampling Date	RISB-05 10-12 3/25/2024	RISB-05 13-15 3/25/2024
Metals (mg/Kg)		
Lead	171	3.760

Location: Sample Depth (ft.): Sample Date:	B-13 0-2 5/21/2018	B-13 12-14 5/21/2018
VOCs (mg/Kg)		
Acetone	0.072	0.26
Metals (mg/Kg)		
Copper	57.5	27.6
Lead	242	4.21
Mercury	0.401	U

Location: Sample Depth (ft.): Sample Date:	SB-2 8-10 12/1/2022
VOCs (mg/Kg)	
Acetone	0.14
Metals (mg/Kg)	
Nickel	32.2

Location: Sample Date:	UST-TP-1 11/30/2022
Metals (mg/Kg)	
Zinc	347

Location: Sample Date:	UST-TP-2 11/30/2022
Metals (mg/Kg)	
Zinc	327

Analyte	NYSDEC Unrestricted Use SCO	NYSDEC - Residential Use SCO	NYSDEC - Restricted Residential Use SCO	NYSDEC - Commercial Use SCO	NYSDEC - Industrial Use SCO	NYSDEC - Protection Of GW
VOCs (mg/Kg)						
1,2-Dichlorobenzene	1.1	100	100	500	1,000	1.1
Acetone	0.05	100	100	500	1,000	0.05
cis-1,2-Dichloroethene	0.25	59	100	500	1,000	0.25
Ethylbenzene	1	30	41	390	780	1
Tetrachloroethene	1.3	5.5	19	150	300	1.3
Toluene	0.7	100	100	500	1,000	0.7
Trichlorethene	0.47	10	21	200	400	0.47
SVOCs (mg/Kg)						
Benzo[a]anthracene	1	1	1	5.6	11	1
Benzo[a]pyrene	1	1	1	1	1.1	22
Benzo[b]fluoranthene	1	1	1	5.6	11	1.7
Benzo[k]fluoranthene	0.8	1	3.9	56	110	1.7
Chrysene	1	1	3.9	56	110	1
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1,000
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	8.2
Pesticides (mg/Kg)						
4,4'-DDE	0.0033	1.8	8.9	62	120	17
4,4'-DDT	0.0033	1.7	7.9	47	94	136
Metals (mg/Kg)						
Arsenic	13	16	16	16	16	16
Barium	350	350	400	400	10,000	820
Cadmium	2.5	2.5	4.3	9.3	60	7.5
Copper	50	270	270	270	10,000	1,720
Lead	63	400	400	1,000	3,900	450
Mercury	0.18	0.81	0.81	2.8	5.7	0.73
Nickel	30	140	310	310	10,000	130
Zinc	109	2,200	10,000	10,000	10,000	2,480
PFAS (ug/Kg)						
Perfluorooctanesulfonic acid	0.88	8.8	44	440	440	3.7
Perfluorooctanoic acid	0.66	6.6	33	500	600	1.1

NOTES:

TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

mg/Kg = MILLIGRAMS/KILOGRAM OR PARTS PER MILLION (ppm)

VOC = VOLATILE ORGANIC COMPOUND

SVOC = SEMI-VOLATILE ORGANIC COMPOUND

NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SCO = SOIL CLEANUP OBJECTIVES

U = UNDETECTED ANALYTE

COLORED HIGHLIGHTS DENOTE EXCEEDANCES OF RESPECTIVE SCOS

PROJECT REMEDIAL AREAS:

SOIL TO BE REMOVED FROM 0 TO 3 FEET BELOW GRADE THROUGHOUT THE ENTIRE SITE.

AREA 1 - SOIL TO BE REMOVED TO 13 FEET BELOW GRADE.
AREA 2 - SOIL TO BE REMOVED TO 7 FEET BELOW GRADE.
AREA 3 - SOIL TO BE REMOVED TO 7 FEET BELOW GRADE.
AREA 4 - SOIL TO BE REMOVED TO 13 FEET BELOW GRADE.
AREA 5 - SOIL TO BE REMOVED TO 7 FEET BELOW GRADE.
AREA 6 - SOIL TO BE REMOVED TO 10 FEET BELOW GRADE.

ASSUMES THAT ACETONE IDENTIFIED AT DEPTH (10 TO 14 FEET) IN SOME SOUTHERN SAMPLES (B-13, SB-2, AND RISB-01) WILL BE REGARDED BY NYSDEC AS A LABORATORY CONTAMINANT.

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
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0 40 80
SCALE: 1" = 40'

Remedial Action Work Plan
1099 WEBSTER AVENUE
BRONX, NEW YORK

Mega Development Group
Long Island City, New York

GEI Consultants

PROPOSED REMEDIAL EXCAVATION AND SOIL SAMPLE EXCEEDANCES

Project 2203948 | May 2025 | Fig. 9

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LEGEND

BROWNFIELD CLEAN UP PROGRAM SITE BOUNDARY

EXCAVATION CELL BOUNDARY

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.

0 40 80

SCALE: 1" = 40'

Remedial Action Work Plan
1099 Webster Avenue
Bronx, New York

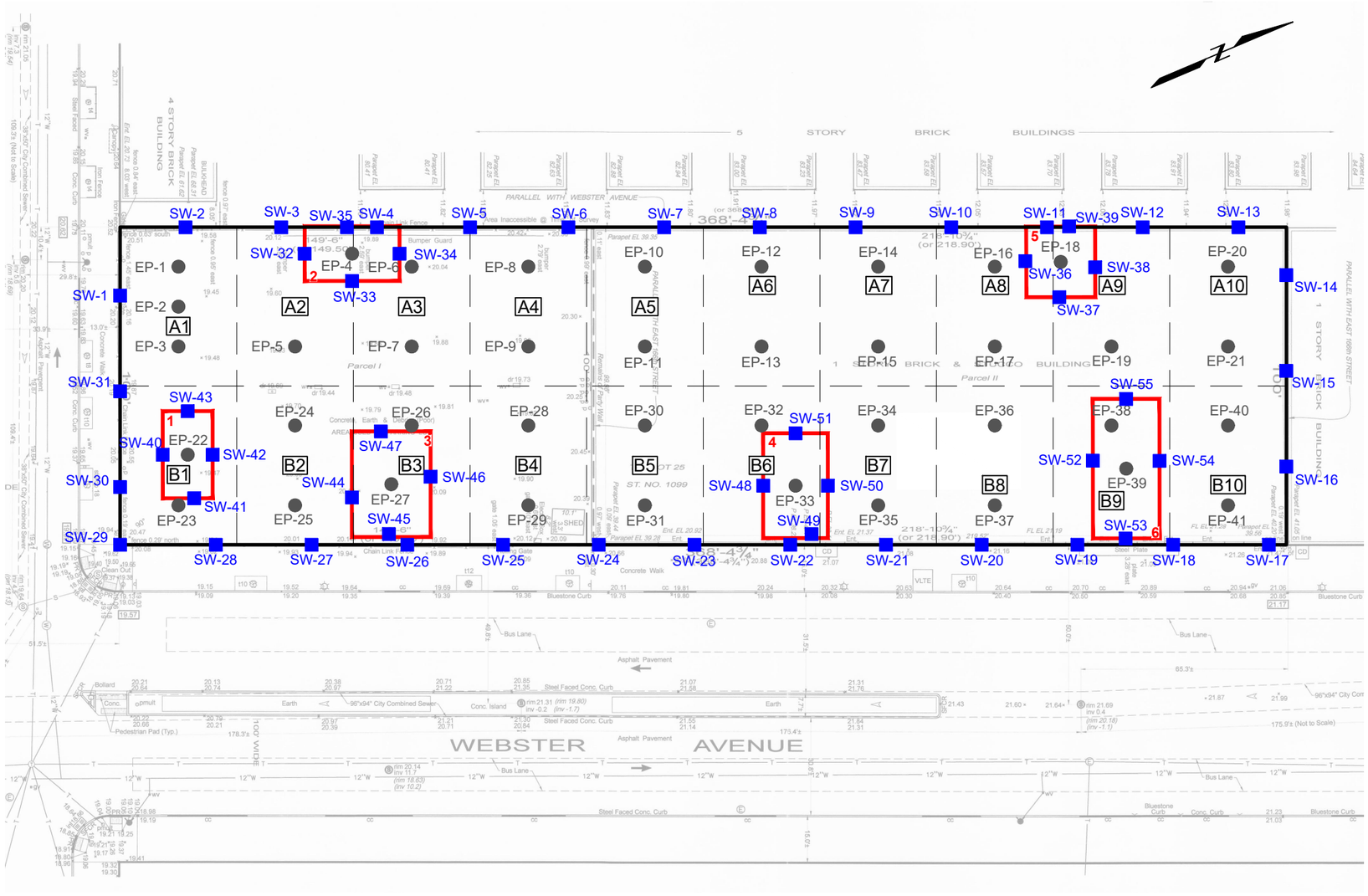
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Long Island City, New York

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PROPOSED EXCAVATION GRID

Project 2203948 | May 2025 | Fig. 10

CASILLAS, DAVID \\geiconsultants.com\data\Data_Storage\Working\MEGA DEVELOPMENT\2203948 Ten 99 Development Project NYSDEC BCP\00_CAD\Figures\RAWP\2203948_RAWP_SP (Dec).dwg - 5/20/2025



LEGEND

- BROWNFIELD CLEAN UP PROGRAM SITE BOUNDARY
- EXCAVATION CELL BOUNDARY
- EP-1 PROPOSED BOTTOM SOIL ENDPOINT SAMPLE LOCATION
- SW-1 PROPOSED SIDE WALL SOIL ENDPOINT SAMPLE LOCATION

PROJECT REMEDIAL AREAS:

SOIL TO BE REMOVED FROM 0 TO 3 FEET BELOW GRADE THROUGHOUT THE ENTIRE SITE.

AREA 1 - SOIL TO BE REMOVED TO 13 FEET BELOW GRADE.
AREA 2 - SOIL TO BE REMOVED TO 7 FEET BELOW GRADE.
AREA 3 - SOIL TO BE REMOVED TO 7 FEET BELOW GRADE.
AREA 4 - SOIL TO BE REMOVED TO 13 FEET BELOW GRADE.
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0 40 80

SCALE: 1" = 40'

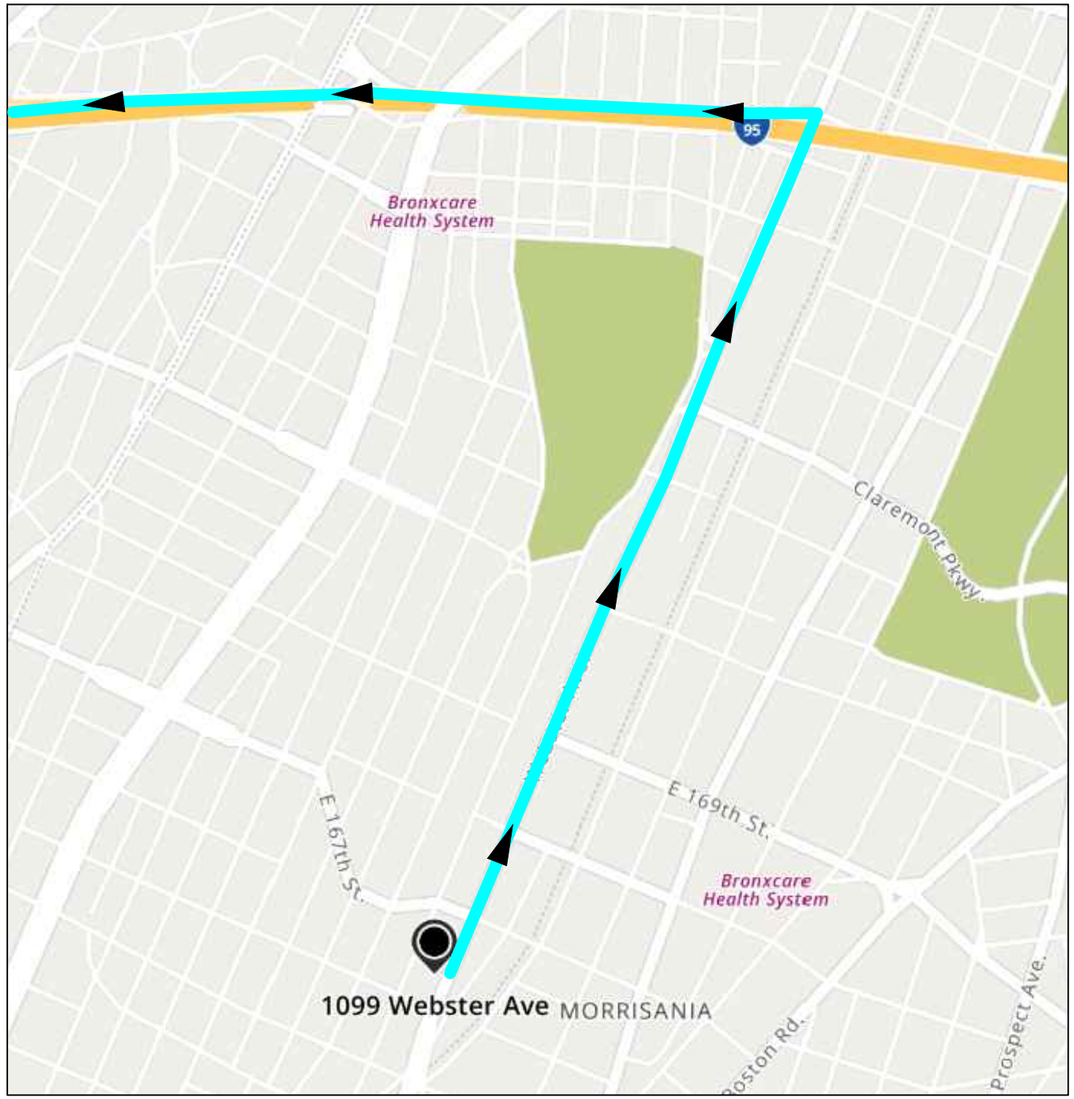
Remedial Action Work Plan
1099 Webster Avenue
Bronx, New York

Mega Development Group
Long Island City, New York

GEI Consultants

PROPOSED ENDPOINT SAMPLE LOCATIONS

Project 2203948 | May 2025 | Fig. 11



N

0 1000 2000

SCALE: 1" = 1000'

SOURCES:

1. FIGURE BASED ON MAP PREPARED BY MAP QUEST

Remedial Action Work Plan 1099 Webster Avenue Bronx, New York		GEI Consultants	TRUCK ROUTE
Mega Development Group Long Island City, New York		Project 2203948	May 2025 Fig. 12

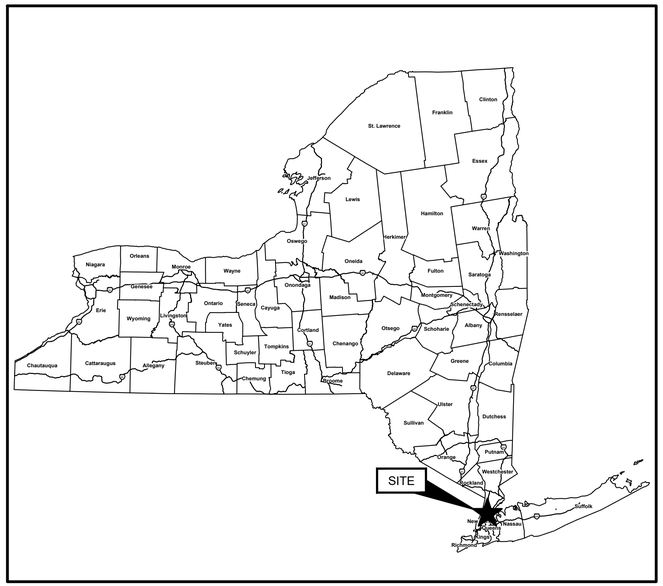
EDDY, DEREK \\geiconsultants.com\Data\Data_Storage\Working\MEGA DEVELOPMENT\2203948 Ten 99 Development Project NYSDEC BCP\00_CAD\Figures\RAWP\2203948_RAWP_SP (Dec).dwg - 5/12/2025

Appendix A

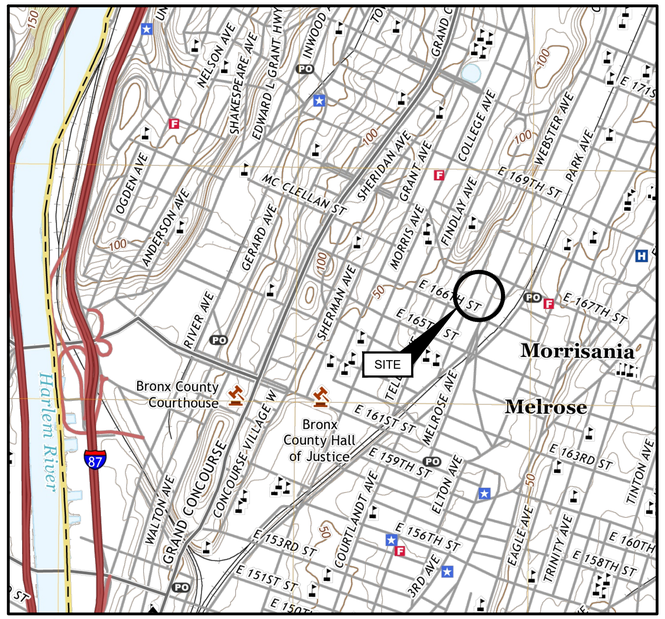
SSDS/VMS Plans

SUB-SLAB DEPRESSURIZATION SYSTEM AND VAPOR MITIGATION SYSTEM DESIGN

1099 WEBSTER AVENUE
BRONX, NEW YORK 10456



STATE MAP
(NOT TO SCALE)



SOURCE:
USGS TOPOGRAPHIC QUADRANGLE, 7.5 MINUTE SERIES: CENTRAL PARK, NY, NJ, 2023

SITE LOCATION MAP
SCALE: 1" = 1000'

SHEET INDEX

SHEET NO.	DRAWING NO.	TITLE
1	G-01	COVER SHEET
2	M-01	VAPOR BARRIER LAYOUT
3	M-02	SUB-SLAB DEPRESSURIZATION AND VAPOR MITIGATION SYSTEM LAYOUT
4	M-03	ROOF PENETRATION PLAN
5	D-01	DETAIL SHEET - 1 OF 2
6	D-02	DETAIL SHEET - 2 OF 2

PREPARED FOR:

MEGA DEVELOPMENT, LLC
ASTORIA, NEW YORK

PREPARED BY:

GEI CONSULTANTS, INC., P.C.
1000 NEW YORK AVENUE
SUITE B
HUNTINGTON STATION, NY 11746
(631)760-9300

GEI Consultants

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GEI PROJECT NO. 2203948

NO.	DATE	ISSUE/REVISION	APP
0	5/20/2025	DRAFT	SC

DRAFT

DWG. NO.
G-01

SHEET NO.
1 OF 6

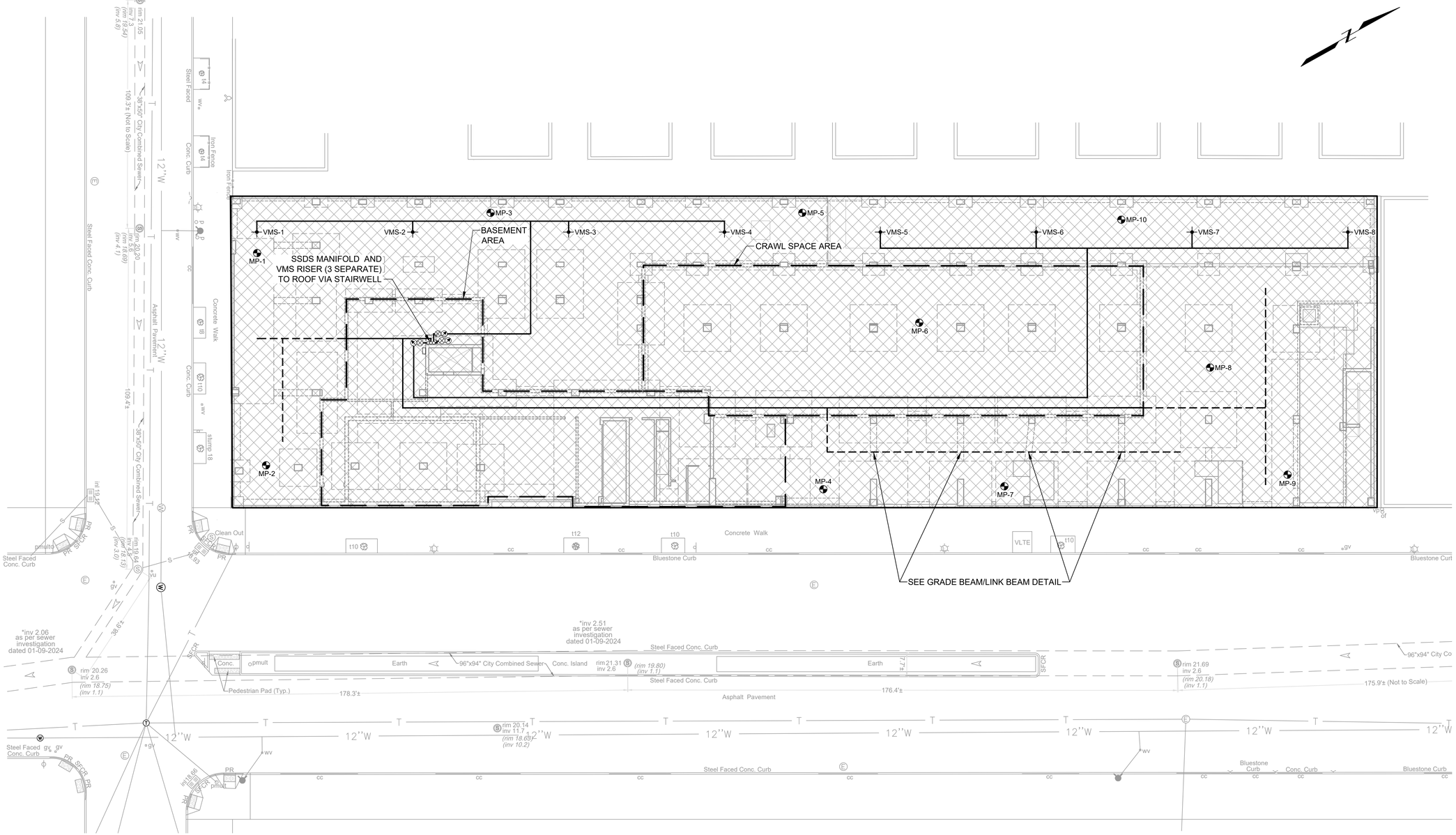
HERIOT_PAUL A \\geiconsultants.com\data\data_storage\Working\mega development\2203948.tsg 99 development project number.tcp\00_CAD\Design\SSDS\1_G-01_Cover Sheet.dwg - 5/20/2025

LEGEND:

- MP-1 — VACUUM MONITORING POINT
- SSDS AND VMS PIPING - 4" SCH 40 PVC PERFORATED VENT PIPE
- SSDS AND VMS PIPING - 4" SCH 40 PVC, OR GALVANIZED STEEL (ABOVE GRADE) SOLID VENT PIPE
- AREA BOUNDARY (CRAWL SPACE AREA, BASEMENT AREA)
- SSDS AND VMS PIPING - GALVANIZED STEEL RISER PIPE
- VAPOR BARRIER LOCATION
- VMS WELL

NOTES:

A 20 MIL VAPOR BARRIER (DRAGO WRAP OR EQUIVALENT) WILL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.



VAPOR BARRIER LAYOUT

SCALE: 1/16" =1'-0"

0 16 32

SCALE, FEET

Attention:

0 1"

If this scale bar does not measure 1" then drawing is not original scale.

DRAFT

Designed:	SC
Drawn:	TM/DE
Checked:	SC
Approved:	SC
P.E. No:	PE#
GEI Project	VALUE

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MEGA DEVELOPMENT, LLC
1099 WEBSTER AVENUE
BRONX, NEW YORK

SUB-SLAB DEPRESSURIZATION SYSTEM AND VAPOR MITIGATION SYSTEM DESIGN

1099 WEBSTER AVENUE
BRONX, NEW YORK

NO	DATE	ISSUE/REVISION	APP
0	5/20/2025	DRAFT	SC

SHEET NAME

VAPOR BARRIER LAYOUT

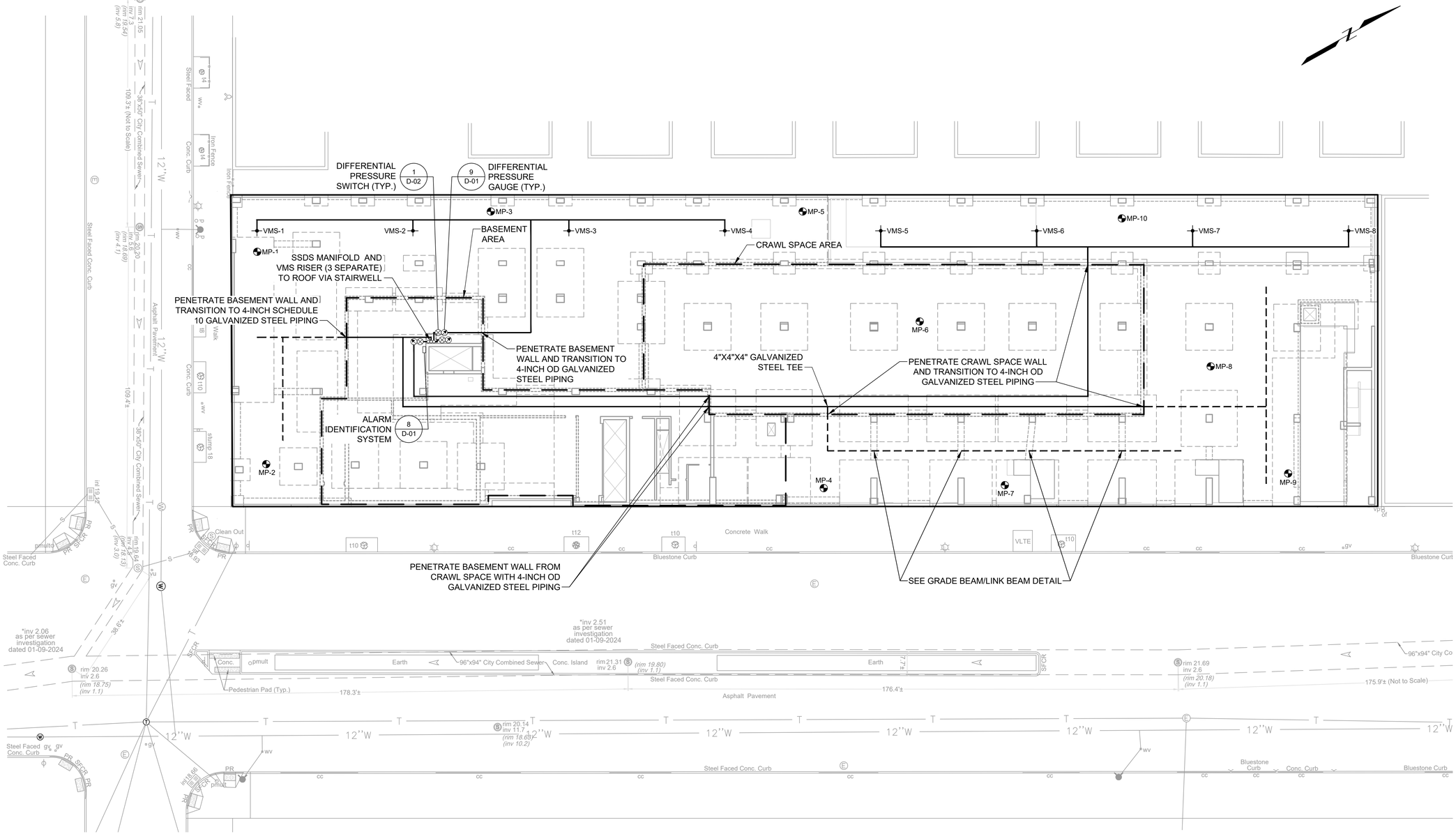
SHEET NO.

M-01

DWG. NO.

2 OF 6

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SUB-SLAB DEPRESSURIZATION SYSTEM

SCALE: 1/16" =1'-0"

0 16 32

SCALE, FEET

LEGEND:

- MP-1 — VACUUM MONITORING POINT
- SSDS AND VMS PIPING - 4" SCH 40 PVC PERFORATED VENT PIPE
- SSDS AND VMS PIPING - 4" SCH 40 PVC, OR GALVANIZED STEEL (ABOVE GRADE) SOLID VENT PIPE
- SSDS AND VMS PIPING - GALVANIZED STEEL RISER PIPE
- VMS WELL

NOTES:

1. SYSTEM PIPING SHALL BE SLEEVED THROUGH FOUNDATION FEATURES SUCH AS GRADE BEAMS. MODIFICATIONS OF SSDS PIPE LAYOUT SHALL BE PRE-APPROVED BY THE ENGINEER.
2. SYSTEM SUBSURFACE LATERALS WILL BE CONSTRUCTED IN ACCORDANCE WITH DETAIL 1 AND 2. MONITORING POINTS WILL BE CONSTRUCTED IN ACCORDANCE WITH DETAIL 3.
3. SYSTEM ABOVE GRADE DUCTS SHALL BE CONSTRUCTED OF 4-INCH OUTSIDE DIAMETER GALVANIZED SCHEDULE 10 PIPE. SSDS SUBSURFACE LATERAL PIPING SHALL BE CONSTRUCTED OF 3-INCH DIAMETER SCHEDULE 40 PERFORATED PVC PIPE.
4. SYSTEM PIPING INSTALLATION SHALL COMPLY WITH CHAPTER 5, SECTION 512 OF THE NYC MECHANICAL CODE (2022).
   - (512.3) EXHAUST SYSTEM DUCTS SHALL NOT BE TRAPPED AND SHALL HAVE A MINIMUM SLOPE OF ONE-EIGHTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (1-PERCENT SLOPE).
   - (512.5) SUBSLAB SOIL EXHAUST DUCTS SHALL BE PERMANENTLY IDENTIFIED AT EACH FLOOR LEVEL BY MEANS OF A TAG, STENCIL OR OTHER APPROVED MARKING.
5. SYSTEM PIPING TO BE SUPPORTED ACCORDING TO LOCAL BUILDING CODES. MAXIMUM HORIZONTAL SUPPORT SPACING FOR PVC PIPE IS 4 FEET ACCORDING TO NYC PLUMBING CODE, TABLE 308.5 (2022).
6. SYSTEM WILL BE EQUIPPED WITH AN ALARM NOTIFICATION SYSTEM CAPABLE OF NOTIFYING THE SYSTEM OPERATOR OF AN ALARM CONDITION. CONDUIT TO BE INSTALLED FOR WIRING REMOTE ALARM TO THE 2ND FLOOR CUSTODIAN OFFICE.
7. A 20 MIL VAPOR BARRIER (DRAGO WRAP OR EQUIVALENT) WILL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. ALL PENETRATIONS WILL BE SEALED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.

Attention:

0 1"

If this scale bar does not measure 1" then drawing is not original scale.

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SUB-SLAB DEPRESSURIZATION SYSTEM AND VAPOR MITIGATION SYSTEM DESIGN

1099 WEBSTER AVENUE
BRONX, NEW YORK

NO	DATE	ISSUE/REVISION	APP
0	5/20/2025	DRAFT	SC

SHEET NAME

SUB-SLAB DEPRESSURIZATION AND VAPOR MITIGATION SYSTEM LAYOUT

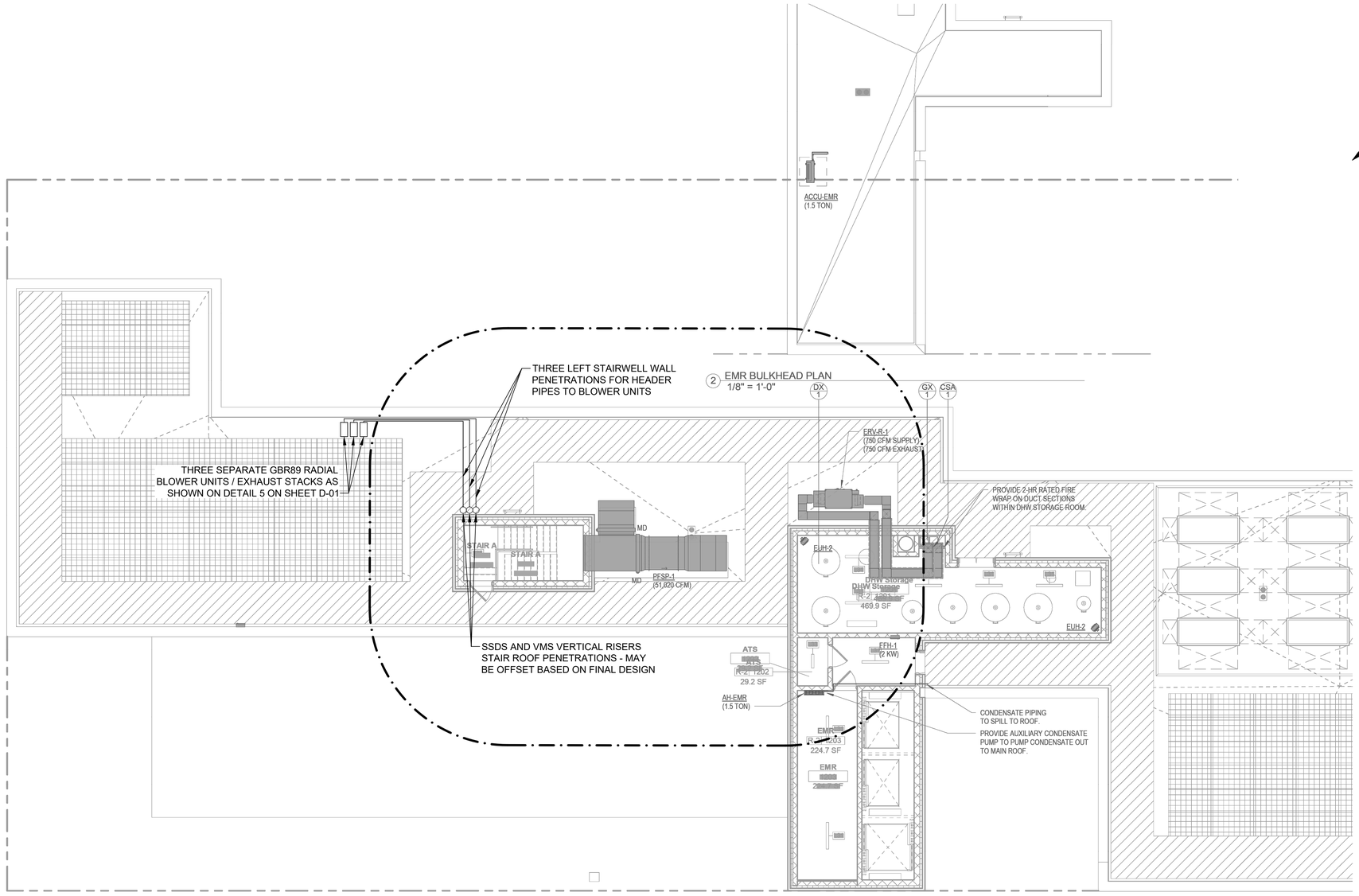
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M-02

DWG. NO.

3 OF 6

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ROOF PENETRATION PLAN

SCALE: 1/8" = 1'-0"

0 8 16

SCALE, FEET

LEGEND:

30' RADIUS AROUND HVAC UNITS

SSDS AND VMS PIPING - GALVANIZED STEEL RISER PIPE

NOTES:

1. EXHAUST STACK DISCHARGE POINT WILL BE LOCATED IN ACCORDANCE WITH CHAPTER 5, SECTION 501 AND 512 OF THE NYC MECHANICAL CODE (2022). THE STACK MUST BE RUN A MINIMUM OF 6 INCHES ABOVE THE ROOF. THE STACK SHOULD BE SPACED AT A MINIMUM OF 30 FEET AWAY FROM ANY OPERABLE OPENING OR AIR INTAKE.
2. SYSTEM DUCTS SHALL BE COMPLETED WITH A RAIN CAP SUITABLE TO THE ARCHITECT THAT COMPLIES WITH SECTION 501.3.2 OF THE NYC MECHANICAL CODE (2022).
   - (501.3.2) EXHAUST OPENINGS THAT TERMINATE OUTDOORS SHALL BE PROTECTED WITH CORROSION-RESISTANT SCREENS, LOUVERS OR GRILLES. OPENINGS IN SCREENS, LOUVERS AND GRILLES SHALL BE SIZED NOT LESS THAN 1/4INCH (6 MM) AND NOT LARGER THAN 1/2 INCH (13 MM). OPENINGS SHALL BE PROTECTED AGAINST LOCAL WEATHER CONDITIONS. OUTDOOR OPENINGS LOCATED IN EXTERIOR WALLS SHALL MEET THE PROVISIONS FOR EXTERIOR WALL OPENING PROTECTIVE IN ACCORDANCE WITH THE NEW YORK CITY BUILDING CODE.

Attention:

0 1"

If this scale bar does not measure 1" then drawing is not original scale.

DRAFT

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Drawn:	TM/DE
Checked:	SC
Approved:	SC
P.E. No:	PE#
GEI Project	VALUE

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SUB-SLAB DEPRESSURIZATION SYSTEM AND VAPOR MITIGATION SYSTEM DESIGN

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SHEET NAME

ROOF PENETRATION PLAN

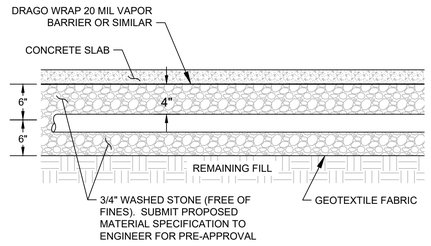
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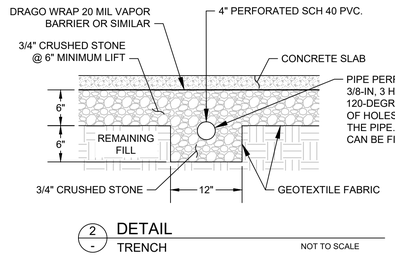
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4 OF 6

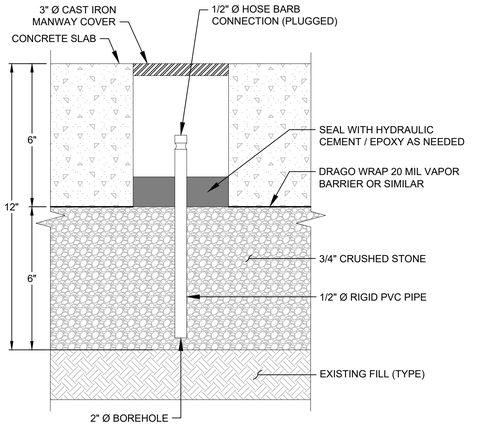
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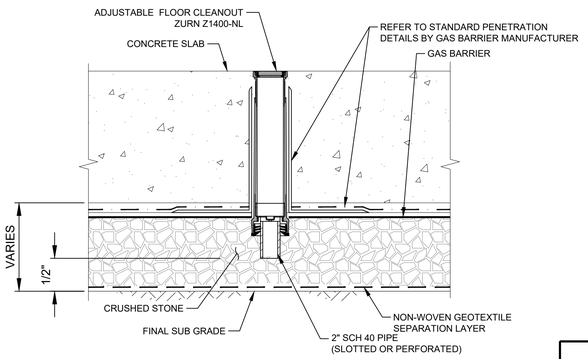
1 - DETAIL
TRENCH AND VAPOR BARRIER INSTALLATION CROSS SECTION
NOT TO SCALE



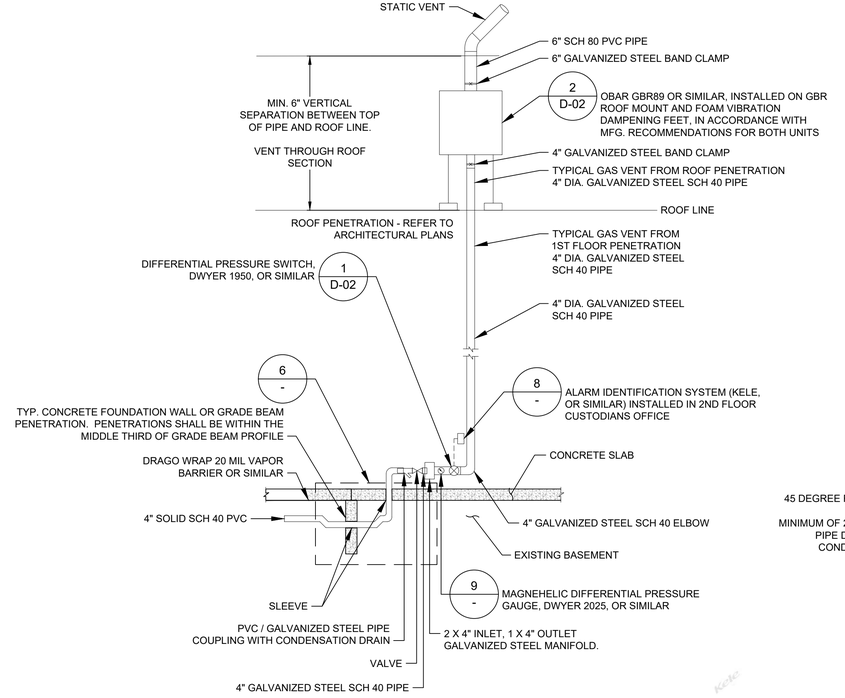
2 - DETAIL
TRENCH
NOT TO SCALE



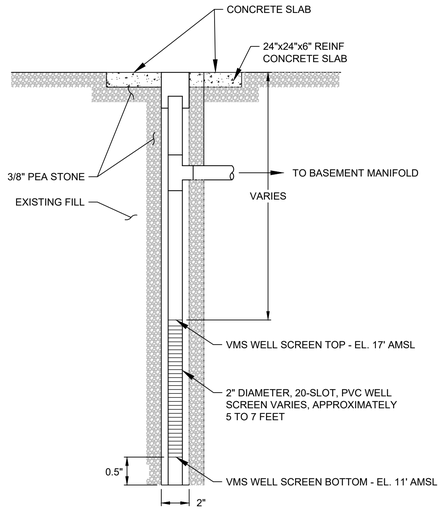
3 - DETAIL
VAPOR MONITORING POINT
NOT TO SCALE



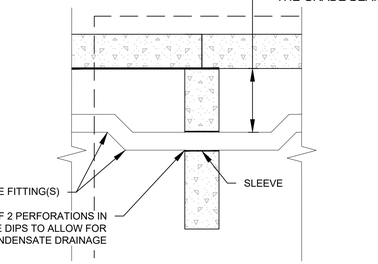
4 - DETAIL
VAPOR BARRIER / BASEMENT AREA CROSS SECTION CROSS SECTION
NOT TO SCALE



5 - DETAIL
SSDS AND VMS RISER DETAIL
NOT TO SCALE



6 - DETAIL
VMS WELL INSTALLATION
NOT TO SCALE



6 - DETAIL
GRADE BEAM PENETRATIONS
NOT TO SCALE

ALARMS & INDICATION

KELE ALARM INDICATION STATION

AIS



AIS Series

DESCRIPTION

The **Kele Model AIS Alarm Indication Station** features an indication light, alarm horn and an alarm horn silence switch. Upon an alarm contact closure, the LED indicator will light and the horn will sound. The horn can be silenced through the alarm silence switch, while the visual indication will continue to be lighted until the alarm condition has been corrected.

SEQUENCE OF OPERATION

Upon an alarm contact closure, the LED indicator will light, and the horn will sound. The horn can be silenced through the alarm silence switch, while the visual indication will continue to be lighted until the alarm condition has been corrected. A power interruption or open alarm contact will reset the AIS.

FEATURES

- ***Long lasting, red LED indication***
- ***Distinct continuous audible tone***
- ***Horn silence switch***
- ***Compact and rugged design***
- ***Available in 24 VDC, 24 VAC, or 120 VAC***
- ***Bright yellow panel face***

APPLICATION

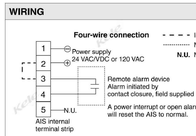
- ***Refrigerant leak alarm indication***
- ***Water level alarm indication***
- ***Pressure alarm indication***
- ***High/Low temperature limits***
- ***Gas leak indication***
- ***Humidity limit alarm indication***
- ***Vibration limit***
- ***Voltage/Current level limit***
- ***Any contact closure alarm application***

SPECIFICATIONS

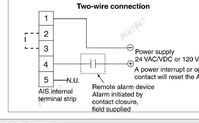
Supply Voltage	24 VAC @ 2.4 VA, 24 VDC @ 100 mA max., 120 VAC
Relay Output	
AIS-24D	24 VDC, 50 mA min
AIS-24A	24 VAC, 90 mA min
AIS-120A	120 VAC, 70 mA min
Alarm Horn	80 db
Mounting	Four screws through back
Dimensions	7.09"H x 4.33"W x 4.52"D (18.0 x 11.0 x 11.47 cm)
Enclosure Rating	NEMA 4, Polystyrene, impact resistant, knock-outs
Weight	1.1 lb (0.5 Kg)
Approvals	RoHS
Warranty	1 year

WIRING

Four-wire connection — Internal; Not Supplied; N.U. Not Used



Two-wire connection



ORDERING INFORMATION

MODEL	DESCRIPTION	
AIS	Alarm indication station	
	12VD	12 VDC powered
	24D	24 VDC powered
	24A	24 VAC powered
	120A	120 VAC powered

AIS - 24A ***Example:*** **AIS-24A** 24 VAC powered alarm indication station

8 - DETAIL
KELE ALARM INDICATION STATION
NOT TO SCALE

PRESSURE

Dwyer
SERIES 2000

MAGNEHELIC® DIFFERENTIAL PRESSURE GAGES

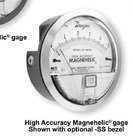
Indicate Positive, Negative or Differential, Accurate within 1%

5 YEAR WARRANTY

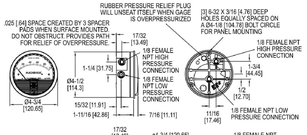
CALIBRATION SERVICES AVAILABLE



Standard Magnehelic® gage



High Accuracy Magnehelic® gage Shown with optional -SS bezel



Select the **Series 2000 Magnehelic® Differential Pressure Gages** for a versatile low differential pressure gage with a wide choice of 81 models and 27 options to choose from. Using Dwyer's simple, frictionless Magnehelic® gage movement, it quickly indicates air or non-corrosive gas pressures–either positive, negative (vacuum) or differential. The design resists shock, vibration, over-pressures and is weatherproof (IP54).

Select the –HA High Accuracy Magnehelic® gage option for an accuracy within 1% of full-scale. Also included with the –HA option at no extra cost are a mirrored scale overlay and a 6 point calibration certificate.

BENEFITS/FEATURES

- Easy to read gage through undistorted plastic face permits viewing from far away
- Patented design provides quick response to pressure changes means no delay in assessing critical situations
- Durable and rugged housing and high-quality components combine to provide long-service life and minimized down-time
- High accuracy option is twice as accurate as the standard Magnehelic® gage

APPLICATIONS

- Filter monitoring
- Air velocity with Dwyer® pitot tube
- Blower vacuum monitoring
- Fan pressure indication
- Duct, room or building pressures
- Clean room positive pressure indication

ACCESSORIES

Model	Description
A-432	Portable kit; combine carrying case with any Magnehelic® gage of standard range, except high pressure connection. Includes 9 ft (2.7 m) of 3/16" ID rubber tubing, standhang bracket and terminal tube with holder
A-605	Air filter gage accessory kit; adapts any standard Magnehelic® gage for use as an air filter gage. Includes aluminum surface mounting bracket with screws, two 5 ft (1.5 m) lengths of 1/4" aluminum tubing, two static pressure tips and two molded plastic vent valves, integral compression fittings on both tips and valves
A-605B	Air filter gage accessory kit; air filter kit with two plastic open/close valves, two 4' steel static tips, plastic tubing and mounting flange
A-605C	Air filter gage accessory kit; air filter kit with two plastic open/close valves, two plastic static tips, plastic tubing and mounting flange

SPECIFICATIONS

Service: Air and non-combustible, compatible gases (natural gas option available). **Note:** May be used with hydrogen. Order a Buna-N diaphragm. Pressures must be less than 35 psi.
Wetted Materials: Consult factory.
Housing: Die cast aluminum case and bezel, with acrylic cover. Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.
Accuracy: ±2% (-HA model ±1) of FS (±3% (-HA ±1.5%) on -0, -100PA, -125PA, -10MM and ±4% (-HA ±2%) on -00, -005PA, -05MM ranges), throughout range at 70°F (21.1°C).
Pressure Limits: -20 in Hg to 15 psig (-0.677 to 1.034 bar); MP option: 35 psig (2.41 bar); HP option: 80 psig (5.52 bar).
Enclosure Rating: IP54
Overpressure: Relief plug opens at approximately 25 psig (1.72 bar), standard gages only.
Temperature Limits: 20 to 140°F (-6.67 to 60°C). -20°F (-28°C) with low temperature option.
Size: 4" (101.6 mm) diameter dial face.
Mounting Orientation: Diaphragm in vertical position. Consult factory for other position orientations.
Process Connections: 1/8" female NPT duplicate high and low pressure taps - one pair side and one pair back.
Weight: 1 lb 2 oz (510 g), MP & HP 2 lb 2 oz (963 g).
Standard Accessories: Two 1/8" NPT plugs for duplicate pressure taps, two 1/8" pipe thread to rubber tubing adaptor, and three flush mounting adapters with screws. (Mounting and snap ring retainer substituted for three adapters in MP & HP gage accessories.)
Compliance: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II). **Note:** -SP models not RoHS approved.

*Low temperature models available as special options.
Note: For applications with high cycle rate within gage total pressure rating, next higher rating is recommended. See Medium and High pressure options.





USA: California Proposition 65
⚠ WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

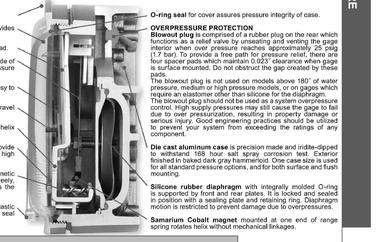
Dwyer
SERIES 2000

MAGNEHELIC® DIFFERENTIAL PRESSURE GAGES

Indicate Positive, Negative or Differential, Accurate within 1%

5 YEAR WARRANTY

CALIBRATION SERVICES AVAILABLE



Bezel provides flange for flush mounting in panel.

Clear plastic face is highly resistant to breakage. Provides undistorted viewing of pointer and scale.

Precision litho-printed scale is accurate and easy to read.

Calibrated range spring is flat spring steel. Small amplitude of motion assures consistency and long life. It reacts to pressure on diaphragm. Live length adjustable for calibration.

Red tipped pointer of heat treated aluminum tubing is easy to see. It is rigidly mounted on the helix shaft.

Pointer stops of molded rubber prevent pointer over-travel without damage.

"Wishbone" assembly provides mounting for helix, helix bearings and pointer shaft.

Jeweled bearings are shock-resistant mounted; provide virtually friction-free motion for helix. Motion damped with high viscosity silicone fluid.

Helix is precision made from an alloy of high magnetic permeability. Mounted in jeweled bearings, it turns freely, following the magnetic field to move the pointer across the scale.

Zero adjustment screw is conveniently located in the plastic cover, and is accessible without removing cover. O-ring seal provides pressure tightness.

O-ring seal for cover assures pressure integrity of case.

OVERPRESSURE PROTECTION
Blowout plug is comprised of a rubber plug on the rear which functions as a relief valve by unseating and venting the gage interior when over pressure reaches approximately 25 psig (1.7 bar). To provide a free path for pressure relief, there are four spacer pads which maintain 0.023" clearance when gage is surface mounted. Do not obstruct the gap created by these pads.
The blowout plug is not used on models above 180" of water pressure, medium or high pressure models, or on gages which see. It is rigidly mounted on the helix shaft.
The blowout plug should not be used as a system overpressure control. High supply pressures may still cause the gage to fail due to over pressurization, resulting in property damage or serious injury. Good engineering practices should be utilized to prevent your system from exceeding the ratings of any component.

Die cast aluminum case is precision made and iridite-dipped to withstand 168 hour salt spray corrosion test. Exterior finished in baked dark gray hammertoid. One case size is used for all standard pressure options, and for both surface and flush mounting.

Silicone rubber diaphragm with integrally molded O-ring is supported by front and rear plates. It is locked and sealed in position with a sealing plate and retaining ring. Diaphragm motion is restricted to prevent damage due to overpressures.

Samarium Cobalt magnet mounted at one end of range spring rotates helix without mechanical linkages.

MODEL CHART

Model	Range, Inches of Water	Model	Range, PSI	Model	Range, MM of Water	Model	Range, kPa	Dual Scale Air Velocity Units For use with pitot tube
2000-00INT††	.05-0-.2	**2201**	0-1	**2000-6MMT**††	0-6	**2000-0.5KPA**	0-0.5	Range, in w.c./ Velocity F.P.M.
2000-00T††	0-.25	**2202**	0-2	**2000-10MMT**††	0-10	**2000-1KPA**	0-1	**Model**
2000-0T†	0-.50	**2203**	0-3	**2000-15MM**	0-15	**2000-1.5KPA**	0-1.5	**2000-00AVT**†† 0-.25/300-2000
2001	0-1.0	**2204**	0-4	**2000-25MM**	0-25	**2000-2KPA**	0-2	**2000-0AV**† 0-.50/500-2800
2002	0-2.0	**2205**	0-5	**2000-30MM**	0-30	**2000-2.5KPA**	0-2.5	**2001AV** 0-1.0/500-4000
2003	0-3.0	**2210***	0-10	**2000-50MM**	0-50	**2000-3KPA**	0-3	**2002AV** 0-2.0/1000-5600
2004	0-4.0	**2215***	0-15	**2000-80MM**	0-80	**2000-4KPA**	0-4	**2005AV** 0-5.0/2000-8800
2005	0-5.0	**2220***	0-20	**2000-100MM**	0-100	**2000-5KPA**	0-5	**2010AV** 0-10/2000-12500
2006	0-6.0	**2230****	0-30	**2000-125MM**	0-125	**2000-6KPA**	0-6	
2008	0-8.0		Range, CM of Water	**2000-150MM**	0-150	**2000-10KPA**	0-10	
2010	0-10			**2000-200MM**	0-200	**2000-15KPA**	0-15	
2012	0-12	**Model**		**2000-250MM**	0-250	**2000-20KPA**	0-20	
2015	0-15	**2000-10CM**	0-10	**2000-300MM**	0-300	**2000-25KPA**	0-25	
2020	0-20	**2000-20CM**	0-20			**2000-30KPA**	0-30	
2025	0-25	**2000-25CM**	0-25					
2030	0-30	**2000-50CM**	0-50					
2040	0-40	**2000-80CM**	0-80	**Zero Center Ranges**		**Zero Center Ranges**		
2050	0-50	**2000-100CM**	0-100	**2300-6MM**††	3-0-3	**2300-1KPA**	.5-0-.5	
2060	0-60	**2000-150CM**	0-150	**2300-10MM**†	5-0-5	**2300-2KPA**	1-0-1	
2080	0-80	**2000-200CM**	0-200	**2300-20MM**†	10-0-10	**2300-2.5KPA**	1.25-0-1.25	
2100	0-100	**2000-250CM**	0-250			**2300-3KPA**	1.5-0-1.5	
2120	0-120	**2000-300CM**	0-300	**Model**	Range, Pa			
2150	0-150			**2000-60INPA**††	10-0-10			
2160	0-160	**Zero Center Ranges**		**2000-30PA**††	0-30	**Dual Scale English/Metric Models**		
2180*	0-180	**2300-4CM**	2-0-2	**2000-60PA**††	0-60			
2250*	0-250	**2300-10CM**	5-0-5	**2000-100PA**†	0-100	**Model**	Range, in w.c.	Range, Pa or kPa
		2300-30CM	15-0-15	**2000-125PA**†	0-125	**2000-60DT**††	0-.25	0-62 Pa
Zero Center Ranges				**2000-250PA**	0-250	**2000-0DT**†	0-.50	0-125 Pa
2300-60T††	(0.125-0-0.125			**2000-300PA**	0-300	**2001D**	0-1.0	0-250 Pa
2300-0T†	.25-0-.25			**2000-500PA**	0-500	**2002D**	0-2.0	0-500 Pa
2301	.5-0-.5			**2000-1000PA**	0-1000	**2003D**	0-3.0	0-750 Pa
2302	1-0-1			**2000-1500PA**	0-1500	**2004D**	0-4.0	0-1.0 kPa
2304	2-0-2			**Zero Center Ranges**		**2005D**	0-5.0	0-1.25 kPa
2310	5-0-5			**Models**	Range, Pa	**2006D**	0-6.0	0-1.5 kPa
2320	10-0-10			**2300-60PA**††	30-0-30	**2008D**	0-8.0	0-2.0 kPa
2330	15-0-15			**2300-150PA**†	150-0-150	**2010D**	0-10	0-2.5 kPa
				2300-120PA	90-0-90	**2015D**	0-15	0-3.7 kPa
				2300-200PA	100-0-100	**2020D**	0-20	0-5 kPa
				2300-250PA	125-0-125	**2025D**	0-25	0-6.2 kPa
				2300-300PA	150-0-150	**2030D**	0-30	0-7.5 kPa
				2300-500PA	250-0-250	**2040D**	0-40	0-12.4 kPa
				2300-1000PA	500-0-500	**2060D**	0-60	0-15 kPa

‡These ranges calibrated for vertical scale position. • Accuracy ±3%. •• Accuracy ±4%. †MP option standard. ††HP option standard.

ACCESSORIES

Model	Description
A-135	Rubber gasket for panel mounting
A-310A	2-way vent valves. In applications where pressure is continuous and the Magnehelic® gage is connected by metal or plastic tubing which cannot be easily removed, we suggest using Dwyer A-310A vent valves to connect gage. Pressure can then be removed to check or re-zero the gage
A-321	Safety relief valve
A-401	Plastic carry cases
A-448	3-piece magnet kit for mounting Magnehelic® gage directly to magnetic surface



USA: California Proposition 65
⚠ WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

VELOCITY AND VOLUMETRIC FLOW UNITS
Scales are available on the Magnehelic® gage, that read in velocity units (FPM, m/s) or volumetric flow units (SCFM, m^3/s, m^3/h).
Stocked velocity units with dual range scales in inches w.c. and feet per minute are shown above. For other ranges contact the factory.
When ordering volumetric flow scales please specify the maximum flow rate and its corresponding pressure.
Example: 0.5 in w.c. = 16,000 CFM.

9 - DETAIL
DWYER SERIES 2000 PRESSURE GAUGE
NOT TO SCALE

Attention: 0 — 1" If this scale bar does not measure 1" then drawing is not original scale.	*DRAFT*	*Designed:* SC *Drawn:* TM/DE *Checked:* SC *Approved:* SC *P.E. No:* PE# *GEI Project* VALUE	GEI Consultants *GEI CONSULTANTS, INC., P.C.* *1000 NEW YORK AVENUE* *SUITE B* *HUNTINGTON STATION, NY 11746* *(631)760-9300*	MEGA DEVELOPMENT, LLC 1099 WEBSTER AVENUE BRONX, NEW YORK	**SUB-SLAB DEPRESSURIZATION SYSTEM AND VAPOR MITIGATION SYSTEM DESIGN** 1099 WEBSTER AVENUE BRONX, NEW YORK	NO	DATE	ISSUE/REVISION	APP
						0	5/20/2025	DRAFT	SC

SHEET NAME: **DETAIL SHEET - 1 OF 2**
SHEET NO.: D-01
DWG. NO.: 5 OF 6

HEROT, PAULA \\geiconsultants.com\data\data_storage\Working\mega development\22203948 ten 99 development project nyc\doc 100_CAD\Design\SSDS\05_D-01_Details_1.dwg - 5/20/2025

Dwyer

SERIES 1950 | EXPLOSION-PROOF DIFFERENTIAL PRESSURE SWITCH

FEATURES/BENEFITS

- **Explosion-proof and weatherproof housing provides device protection for outdoor use or harsh environment operation**
- **External set point screw provides easy access without opening or disassembling enclosure**
- **Easily accessible electrical connection simplifies the installation**



APPLICATIONS

- HVAC applications
- Process applications
- All-weather applications

DESCRIPTION

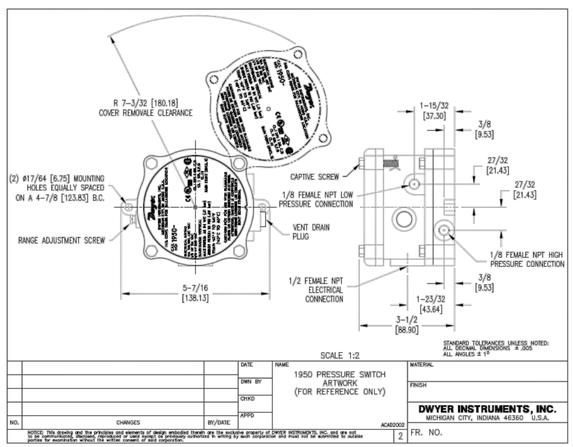
The **Series 1950 Explosion-Proof Differential Pressure Switch** combines the best features of the popular Dwyer® Series 1900 Pressure Switch with an integral explosion-proof and weatherproof housing, making it an exceptional value for either application. It is CE, UL and CSA listed, FM approved for use in Class I, Div 1, Groups C and D, Class II Groups E, F, and G and Class III hazardous atmospheres NEMA 7 & 9. Rain tight NEMA 3 (IP54), weatherproof features include a drain plug and O-ring seal in cover. Electrical connections are easily made by removing front cover. For convenience the set point adjustment screw is located on the outside of the housing. Twelve models offer set points from .03 to 20 in w.c. (0.0075 to 5 kPa) and from .5 to 60 psi (0.035 to 3.5 bar). The unit is very light and compact - about half the weight and bulk of other explosion-proof or weatherproof switches with separate enclosures.

SPECIFICATIONS

Service	Air and non-combustible, compatible gases.
Wetted Materials	Consult factory.
Temperature Limits	-40 to 140°F (-40 to 60°C); 0 to 140°F (-17.8 to 60°C) for 1950P-8, 15, 25, and 50. -30 to 130°F (-34.4 to 54.4°C) for 1950-02.
Pressure Limits (Continuous)	1950's - .45 in w.c. (0.11 bar); 1950P's - .35 psi (2.41 bar); 1950P-50 only - .70 psi (4.83 bar). Surge: 1950's - 10 psi (0.69 bar.); 1950P's - 50 psi (3.45 bar.). 1950P-50 only - 50 psi (6.21 bar).
Enclosure Rating	NEMA 3 (IP54), NEMA 7 & 9
Switch Type	Single-pole double-throw (SPDT).
Electrical Rating	15 A @ 125, 250, 480 VAC, 60 Hz. Resistive 1/8 HP @ 125 VAC, 1/4 HP @ 250 VAC, 60 Hz.
Electrical Connections	3 screw type, common, normally open and normally closed.
Process Connections	1/8" female NPT.
Mounting Orientation	Diaphragm in vertical position. Consult factory for other position orientations.
Set Point Adjustment	Screw type on top of housing.
Weight	3.25 lb (1.5 kg); 1950-02 model, 4.4 lb (2 kg).
Agency Approvals	CE, CSA, FM, UL.

DWYER INSTRUMENTS, INC.
T: 219-879-8000 | F: 219-872-9057 | info@dwyerinst.com
800-872-9141

dwyer-inst.com



1 - DETAIL
PRESSURE SWITCH NOT TO SCALE

THE OBAR GBR89
COMPACT RADIAL BLOWER

Based on 25 years of experience and 2 years of research and development, the patent pending GBR series of compact radial blowers provide the perfect combination of performance and design.



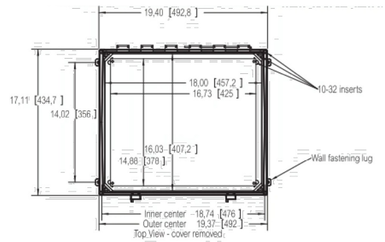
GBR89 WITH ROOF MOUNT

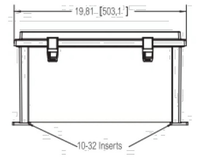
PERFORMANCE

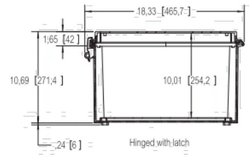
- GBR89 HA 14" WC at 100CFM max flow 500 CFM.
- Built in speed control to customize performance.
- Condensate bypass built in.
- 12 month warranty 40,000 hr sealed bearings.

DESIGN

- Our modular design means the blower and manifold assembly can be removed and replaced as a unit. This makes repairs cost effective and easy and allows contractors to upgrade systems simply by swapping assemblies.
- The GBR series is based on a bypass blower designed to handle combustible materials.
- The housing is not required to be air tight so you can add gauges and alarms without compromising the system.
- Built in condensate bypass.
- Built in speed control.
- Quick disconnect electrical harness.
- All UL listed components including UL listed enclosure for outside use.
- Wall fastening lugs included.
- GBR series roof and wall mounts available to quickly configure the blowers for your installation while providing a custom built look.
- Compact design 18"x 16"x 10" weighing only 18 lbs.
- 4" schedule 40 inlet and 6" schedule 40 exhaust.







Enclosure Specifications
Rating:

Ingress Protection (EN 60529): 66/67

Electrical insulation: Totally insulated

Halogen free (DIN/VDE 0472, Part 815): yes

UV resistance: UL 508

Flammability Rating (UL 746 C 5): complies with UL 508

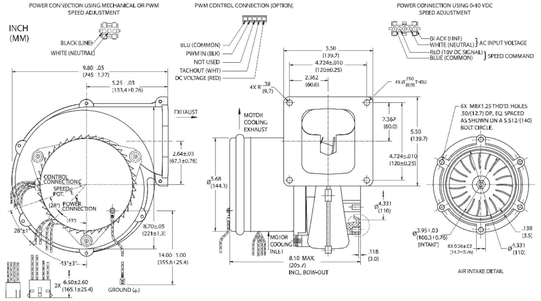
Glow Wire Test (IEC 695-2-1) °C: 960

NEMA Class: UL Type 4, 4X, 6, 6P, 12 and 13

Certificates: Underwriters Laboratories

High Voltage Brushless DC Blowers
Nautilair (TM) 8.9" (226mm) Variable Speed Blower
240 Volt AC Input, Single Phase, High Output

Nautilair



Specification	Units	Part/ Model Number 150240	150241	150242
Speed Control	-	Mechanical	0-10 VDC	PWM

Notes:
- **Input Voltage Range:** 216 - 264 Volts AC RMS, 50/60 Hz, single phase.
- **Input Current:** 10 amps AC RMS
- **Operating Temperature (Ambient Air and Working Air):** 0°C to 50°C
- **Storage Temperature:** -40°C to 85°C
- **Dielectric Testing:** 1800 Volts AC RMS 60 Hz applied for one second between input pins and ground, 3mA leakage maximum.
- **Speed Control Methods:** PWM (Pulse Width Modulation). Speed control input signal of 15 - 45 VDC @ 500 Hz - 10 kHz, and tachometer output (2 Pulses / Revolution). Optional tachometer output (3 Pulses / Revolution).
  0 to 10 VDC with a speed control input current of 5 mA to 20 mA at 10 VDC Input with multi-turn potentiometer set to minimum resistance (fully clockwise).
  Mechanical: A potentiometer is available for speed control of the blower. The potentiometer can be preset for a specific speed. Access for speed adjustment located in motor housing.
  4-20mA speed control available.
- **Approximate Weight:** 9.3 Lbs. / 4.2 Kg.
- **Option Card available for Customization**
- **Regulatory Agency Certification:** Underwriters Laboratories Inc. UL507 Recognized under File E94403 and CSA C22.2#133 under File LR43448
- **Design Features:** Designed to provide variable airflow for low NOx & CO emission in high efficiency gas fired combustion systems. Built with non-sparking materials. Blower housing assembly constructed of die cast aluminum. Impeller constructed from hardened aluminum. Rubber isolation mounts built into blower construction to dampen vibration within the motor. Two piece blower housing assembly sealed with O-ring gasket for combustion applications. Customer is responsible to check for any leakage once the blower is installed into the final application.
- **Miscellaneous:** Blower inlet, discharge, and all motor cooling inlet and discharge vents must not be obstructed. Motor ventilation air to be free of oils and other foreign particles. (i.e. breathing quality air). Blower is to be mounted so ventilation air cannot be re-circulated.
  POWER CONNECTION (3 CAVITY): Blower connector, AMP Universal MATE-N-LOK, part no. 1-480701-0.
  POWER CONNECTION (5 CAVITY): Blower connector, AMP Universal MATE-N-LOK, part no. 350810-1.
  SPEED CONNECTION (5 CAVITY): Blower connector, Molex Mini-Fit Jr., part no. 39-01-4057.
  Mating harnesses available upon request.

This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

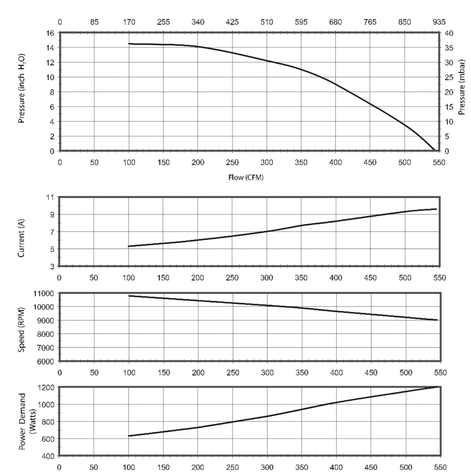
AMETEK TECHNICAL & INDUSTRIAL PRODUCTS
627 Lake Street, Kent OH 44240
USA: +1 215-256-6601 - Europe: +44 (0) 845 366 9664 - Asia: +86 21 5763 1258
www.ametektip.com

AMETEK PRECISION MOTION CONTROL

High Voltage Brushless DC Blowers
Nautilair (TM) 8.9" (226mm) Variable Speed Blower
240 Volt AC Input, Single Phase, High Output

Nautilair

Typical Performance

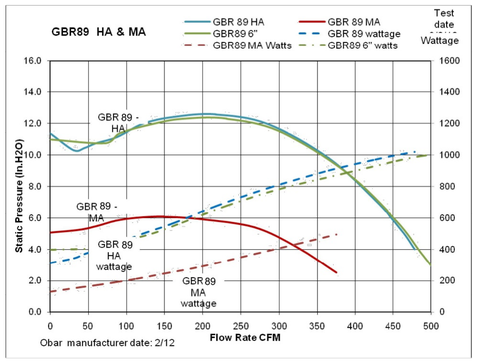


Data presented represents blower performance at STANDARD AIR DENSITY, .075 lb/ft³ (29.92" Hg, Sea Level, 68° F)
Vacuum performance available upon request.

GBR89 HA tested at full voltage with 8 feet of 4" inlet (Blue Lines) and 6" Inlet (Green lines)

Maximum airflow with no exhaust piping and 8' of 6" piping is 529 CFM

GBR89 MA tested with speed control set to half the wattage consumption (Red Line)



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AMETEK TECHNICAL & INDUSTRIAL PRODUCTS
627 Lake Street, Kent OH 44240
USA: +1 215-256-6601 - Europe: +44 (0) 845 366 9664 - Asia: +86 21 5763 1258
www.ametektip.com

AMETEK PRECISION MOTION CONTROL

2 - DETAIL
OBAR GBR89 COMPACT RADIAL BLOWER NOT TO SCALE

Attention:
0 1"
If this scale bar does not measure 1" then drawing is not original scale.

DRAFT

Designed:	SC
Drawn:	TM/DE
Checked:	SC
Approved:	SC
P.E. No:	PE#
GEI Project	VALUE

GEI Consultants
GEI CONSULTANTS, INC., P.C.
1000 NEW YORK AVENUE
SUITE B
HUNTINGTON STATION, NY 11746
(631)760-9300

MEGA DEVELOPMENT, LLC
1099 WEBSTER AVENUE
BRONX, NEW YORK

SUB-SLAB DEPRESSURIZATION SYSTEM AND VAPOR MITIGATION SYSTEM DESIGN

1099 WEBSTER AVENUE
BRONX, NEW YORK

NO	DATE	ISSUE/REVISION	APP
0	5/20/2025	DRAFT	SC

SHEET NAME
DETAIL SHEET - 2 OF 2

SHEET NO.
D-02

DWG. NO.
6 OF 6

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Appendix B

Development Plans



1111 Webster Avenue

Bronx, NY 10456

Affordable and Supportive Housing

GENERAL INFORMATION

Address:	1099 Webster Avenue Bronx, NY
Block:	2426
Lot:	25
Community district:	Bronx 4
City Council district:	16
Zoning District:	R7X with C2-4 overlay (100' deep, parallel to Webster Ave.)
Stories:	11
Height:	115.0 ft.

Eleven11 Webster Ave

1111 Webster Ave.
Bronx NY 10456

M1099 Webster LLC
48-02 25th Ave, Suite 400 C
Astoria, NY 11103

Schur Management Co., Ltd.
2432 Grand Concourse
Bronx, NY 10458

BronxWorks
60 E. Tremont Ave.
Bronx, NY 10453

DattnerArchitects
498 Seventh Ave 20 fl
New York NY 10018
t: 212.247.2660
www.dattner.com

Structural Engineer
DeSimone
140 Broadway, 25th Floor
New York, NY 10005

Mechanical/Electrical/Plumbing Engineer
Skyline Engineering, LLC
42 W. 39th St. 10th Fl.
New York, NY 10004

Landscape Architect
Weintraub Diaz Landscape Arch, PLLC
19 New St.
Nyack, NY 10960

Lighting Designer
HLB Lighting Design
38 E. 32nd St. 11th Fl.
New York, NY 10016

Sustainability Consultant
Ettinger Engineering Associates
505 8th Ave. 24th Fl.
New York, NY 10018

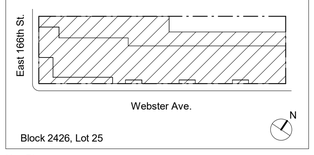
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Block 2426, Lot 25

Key Plan

© 2024 Dattner Architects D.P.C.

Title Sheet

Date	08/30/2024
Scale	1/8" = 1'-0"
Drawn By	DK
Checked By	RE/BG
Project No.	2231

Seal

Sheet No.: T-001.00

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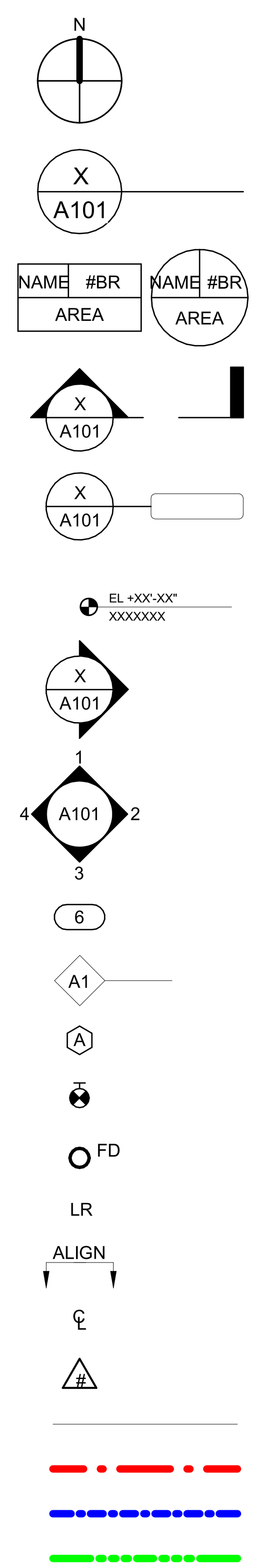
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Abbreviations

Key Name	Element Type
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
ACOUST	ACOUSTIC(AL)
AT	ACOUSTICAL TILE
AWP	ACOUSTICAL WALL PANELS
ADJ	ADJACENT
A/C	AIR-CONDITIONING
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APPROX	APPROXIMATELY
ARCH	ARCHITECT(URAL)
BEL	BELOW
BET	BETWEEN
BLK	BLOCK
BLKG	BLOCKING
BD(S)	BOARD(S)
BS	BOTH SIDES
BOT	BOTTOM
BO	BOTTOM OF
BR	BRONZE
BLDG	BUILDING
205	BUILT-UP ROOFING
B/O	BY OWNER, BY OTHERS
CAB	CABINET(RY)
CEM	CEMENT
CEM. PL.	CEMENT PLASTER
CMT	CERAMIC MOSAIC TILE
CT	CERAMIC TILE
CHAM	CHAMFER
CLR	CLEARANCE
COL	COLUMN
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONST	CONSTRUCTION
CONT	CONTINUOUS
CLL	CONTRACT LIMIT LINE
CONTR	CONTRACT(OR)
CJ	CONTROL JOINT
CTR	COUNTER
DL	DEAD LOAD
DEM	DEMOLISH
DET	DETAIL
DIAG	DIAGONAL
DIAM	DIAMETER
DIM	DIMENSION
DIV	DIVISION
DBL	DOUBLE
DWR	DRAWER
DWG(S)	DRAWING(S)
DF	DRINKING FOUNTAIN
EA	EACH
E	EAST
EWC	ELECTRIC WATER COOLER
ELEC	ELECTRICAL
EL	ELEVATION
ELEV	ELEVATOR
EMERG	EMERGENCY
ENCL	ENCLOSE, ENCLOSURE
EQ	EQUAL
EQP	EQUIPMENT
EST	ESTIMATE(D)
EXIST	EXISTING
EXP	EXPOSED
EXT	EXTERIOR
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
F	FEMALE
FRP	FIBERGLASS REINFORCED PLASTIC
FIN	FINISH
FF	FINISH FLOOR
FA	FIRE ALARM
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FP	FIRE PROOF
FPSC	FIRE PROTECTED SELF CLOSING
FD	FLOOR DRAIN
FLR	FLOOR(ING)
FL	FLOURESCENT
FRMG	FRAMING
FUT	FUTURE
GA	GAGE, GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACT(OR)
GL	GLASS, GLAZING
GWB	GYPSUM BOARD
HCF	HARDENED CONCRETE FINISH
HDW	HARDWARE
HTG	HEATING
HVAC	HEATING, VENTILATION, AIR-CONDITIONING, COOLING
HD	HEAVY DUTY
HT	HEIGHT
HP	HIGH POINT
HC	HOLLOW CORE
HM	HOLLOW METAL
HOR	HORIZONTAL
HDG	HOT-DIP GALVANIZED
INCL	INCLUDE
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR

Abbreviations

Key Name	Element Type
INV	INVERT
IPS	IRON PIPE SIZE
JC	JANITOR'S CLOSET
JT	JOINT
LAM	LAMINATE(D)
LAV	LAVATORY
LH	LEFT HANDED
L	LENGTH
LTWT	LIGHTWEIGHT
LTL	LINTEL
LL	LIVE LOAD
LP	LOW POINT
M	MALE
MFR	MANUFACTURER
MO	MASONRY OPENING
MAT	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MET	METAL
MM	METAL MESH
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MTD	MOUNTED
NOM	NOMINAL
N	NORTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OPG	OPENING
OPP	OPPOSITE
OPH	OPPOSITE HAND
OD	OUTSIDE DIAMETER
OH	OVERHEAD
PNT	PAINT(ED)
PNL	PANEL
PTN	PARTITION
PLAS	PLASTER
PL	PLATE
PLUM	PLUMBING
PT	POINT
PVC	POLYVINYL CHLORIDE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PREFAB	PREFABRICATED
QT	QUARRY TILE
REFRIG	REFRIGERATION
REINF	REINFORCING(MENT)
REM	REMOVE
RVT	RESILIENT VINYL TILE
REV	REVISION
R	RIGHT
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
RT	RUBBER TILE
SEC	SECTION
SED	SEE ELECTRICAL DRAWINGS
SMD	SEE MECHANICAL DRAWINGS
SPD	SEE PLUMBING DRAWINGS
SSD	SEE STRUCTURAL DRAWINGS
SVC	SERVICE
SHT	SHEET
SIM	SIMILAR
SC	SOLID CORE
S	SOUTH
SPEC	SPECIFICATION
SPRINK	SPRINKLER
SQ	SQUARE
S/S	STAINLESS STEEL
STD	STANDARD
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SYN	SYNTHETIC
TEL	TELEPHONE
THK	THICK
TOL	TOLERANCE
T&G	TONGUE AND GROOVE
TO	TOP OF
TOS	TOP OF SLAB
TST	TOP OF STEEL
T	TREAD
TYP	TYPICAL
ULEB	ULTRA-LOW ENERGY BUILDING
UNF	UNFINISHED
V/B	VAPOR BARRIER
VNR	VENEER
VERT	VERTICAL
V	VINYL
VB	VINYL BASE
VT	VINYL TILE
VWC	VINYL WALL COVERING
WTW	WALL TO WALL
WC	WATER CLOSET
WR	WATER RESISTANT(REPELLENT)
WP	WATERPROOF(ING)
W	WEST
WI	WIDE, WIDTH
WIN	WINDOW
W/	WITH
W/O	WITHOUT
WD	WOOD



Drawing List

Sheet Number	Sheet Name	100% SD - 03/15/2023	50% DD - 05/19/2023	DOB Filing Set - 08/04/2023	100% DD - 09/13/2023	50% CD - 12/01/2023	Pricing Set - 08/30/2024
T-001	Title Sheet	■	■	■	■	■	■
T-002	Sheet List, Abbreviations and Symbols	■	■	■	■	■	■
G-001	General Notes, Plot Plan, Cons. Class	■	■	■	■	■	■
G-002	General Notes, Plot Plan, Cons. Class	■	■	■	■	■	■
G-003	Unit Distribution Table		■	■	■	■	■
G-004	Occupancy Summary, Egress Diagrams and Tabulations						■
G-005	Occupancy Summary, Egress Diagrams and Tabulations						■
G-006	Occupancy Summary, Egress Diagrams and Tabulations						■
G-007	Occupancy Summary, Egress Diagrams and Tabulations						■
G-008	Occupancy Summary, Egress Diagrams and Tabulations						■
G-009	Occupancy Summary, Egress Diagrams and Tabulations						■
G-010	Light and Air Calculations						■
G-011	Light and Air Calculations						■
G-012	Light and Air Calculations		■	■	■	■	■
G-013	Light and Air Calculations						■
G-014	Area, Tax and Zoning Map			■		■	■
G-015	Site Photos			■		■	■
G-016	FEMA Flood Map		■	■	■	■	■
G-017	Survey	■	■	■	■	■	■
G-018	Boring Location Plan	■	■	■	■	■	■
Z-001	Zoning Data & Diagrams	■	■	■	■	■	■
Z-002	Zoning Data & Diagrams	■	■	■	■	■	■
Z-003	Zoning Data & Diagrams			■	■	■	■
Z-004	Zoning Gross Area Tabulations		■	■	■	■	■
Z-005	Zoning Gross Area Tabulations		■	■	■	■	■
Z-006	Zoning Deductions Tabulations		■	■	■	■	■
Z-007	Zoning Deductions Tabulations		■	■	■	■	■
Z-008	Zoning Deductions Tabulations		■	■	■	■	■
EN-001	Energy Analysis - Code Analysis & Progress Inspections				■	■	■
EN-002	Energy Analysis - Envelope Assemblies		■		■	■	■
EN-003	Energy Analysis - COMCheck Envelope Compliance Certificate 1					■	■
EN-004	Energy Analysis - COMCheck Envelope Compliance Certificate 2		■			■	■
EN-005	Energy Analysis - Exterior Envelope 1		■		■	■	■
EN-006	Energy Analysis - Exterior Envelope 2		■		■	■	■
EN-007	Energy Analysis - Exterior Envelope 3		■		■	■	■
EN-008	Energy Analysis - Exterior Envelope 4		■		■	■	■
EN-009	Energy Analysis - Air Barrier Continuity 1		■		■	■	■
EN-010	Energy Analysis - Air Barrier Continuity 2		■		■	■	■
EN-011	Energy Analysis - Air Sealing Details		■		■	■	■
EN-331	Energy Analysis - Window Elevations		■	■	■	■	■
EN-332	Energy Analysis - Window, Storefront & Glazing Schedules					■	■
A-001	Architectural Site Plan	■	■	■	■	■	■
A-010	Key Plans	■	■	■	■	■	■
A-114	Cellar Floor Plan - Part Plan A	■	■	■	■	■	■
A-115	Cellar Floor Plan - Part Plan B	■	■	■	■	■	■
A-116	1st Floor Plan - Part Plan A	■	■	■	■	■	■
A-117	1st Floor Plan - Part Plan B	■	■	■	■	■	■
A-118	2nd Floor Plan - Part Plan A	■	■	■	■	■	■
A-119	2nd Floor Plan - Part Plan B	■	■	■	■	■	■
A-120	3rd - 7th Floor Plan - Part Plan A	■	■	■	■	■	■
A-121	3rd - 7th Floor Plan - Part Plan B	■	■	■	■	■	■
A-122	8th - 10th Floor Plan - Part Plan A	■	■	■	■	■	■
A-123	8th - 10th Floor Plan - Part Plan B	■	■	■	■	■	■
A-124	11th Floor Plan - Part Plan A	■	■	■	■	■	■
A-125	11th Floor Plan - Part Plan B	■	■	■	■	■	■
A-126	Roof Floor Plan - Part Plan A	■	■	■	■	■	■
A-127	Roof Floor Plan - Part Plan B	■	■	■	■	■	■
A-128	Bulkhead Roof Plan						■
A-131	Cellar Reflected Ceiling Plan - Part Plan A	■	■	■	■	■	■
A-132	Cellar Reflected Ceiling Plan - Part Plan B	■	■	■	■	■	■
A-133	1st Floor Reflected Ceiling Plan - Part Plan A	■	■	■	■	■	■
A-134	1st Floor Reflected Ceiling Plan - Part Plan B	■	■	■	■	■	■
A-135	2nd Floor Reflected Ceiling Plan - Part Plan A	■	■	■	■	■	■
A-136	2nd Floor Reflected Ceiling Plan - Part Plan B	■	■	■	■	■	■
A-137	3rd - 7th Floor Reflected Ceiling Plan - Part Plan A	■	■	■	■	■	■
A-138	3rd - 7th Floor Reflected Ceiling Plan - Part Plan B	■	■	■	■	■	■
A-139	8th Floor Reflected Ceiling Plan - Part Plan A	■	■	■	■	■	■
A-140	8th Floor Reflected Ceiling Plan - Part Plan B	■	■	■	■	■	■
A-141	9th Floor Reflected Ceiling Plan - Part Plan A	■	■	■	■	■	■
A-142	9th Floor Reflected Ceiling Plan - Part Plan B	■	■	■	■	■	■
A-143	10th Floor Reflected Ceiling Plan - Part Plan A	■	■	■	■	■	■
A-144	10th Floor Reflected Ceiling Plan - Part Plan B	■	■	■	■	■	■
A-145	11th Floor Reflected Ceiling Plan - Part Plan A	■	■	■	■	■	■
A-146	11th Floor Reflected Ceiling Plan - Part Plan B	■	■	■	■	■	■
A-147	Bulkhead Reflected Ceiling Plan						■
A-151	Unit Plans - FL02-FL07 - xx01-xx03, xx27 - xx28		■	■	■	■	■
A-152	Unit Plans - FL02-FL07 - xx04-xx05, xx25-xx26		■	■	■	■	■
A-153	Unit Plans - FL02-FL07 - xx06-xx09, xx22-xx24		■	■	■	■	■
A-154	Unit Plans - FL02-FL07 - xx10-xx13, xx19-xx21		■	■	■	■	■
A-155	Unit Plans - FL02-FL07 - xx14-xx18		■	■	■	■	■
A-156	Unit Plans - FL08-FL11 - xx01-xx03, xx27-xx28		■	■	■	■	■
A-157	Unit Plans - FL08-FL11 - xx04-xx05, xx25-xx26		■	■	■	■	■
A-158	Unit Plans - FL08-FL11 - xx06-xx09, xx22-xx24		■	■	■	■	■
A-159	Unit Plans - FL08-FL11 - xx10-xx13, xx19-xx21		■	■	■	■	■
A-160	Unit Plans - FL08-FL11 - xx14-xx18		■	■	■	■	■
A-161	Unit Plans - Misc. Units		■	■	■	■	■
A-162	Unit Plans - Misc. Units		■	■	■	■	■
A-200	Building Elevations - East	■	■	■	■	■	■
A-201	Building Elevations - North and West	■	■	■	■	■	■
A-202	Building Elevations - South and Bulkhead		■		■	■	■
A-210	Building Sections - Transverse	■	■	■	■	■	■
A-211	Building Sections - Longitudinal	■	■	■	■	■	■
A-300	Wall Sections		■	■	■	■	■
A-301	Misc. and Atypical Wall Sections		■	■	■	■	■
A-302	Misc. and Atypical Wall Sections		■	■	■	■	■
A-303	Misc. and Atypical Wall Sections		■	■	■	■	■
A-304	Typical Wall Assemblies		■		■	■	■
A-310	Foundation and First Floor Details		■	■	■	■	■
A-311	Foundation Details		■	■	■	■	■
A-312	Exterior Wall Section Details		■	■	■	■	■
A-313	Exterior Wall Section Details		■	■		■	■
A-315	Plan Details		■	■	■	■	■
A-331	Window Elevations		■	■	■	■	■
A-332	Window, Storefront & Glazing Schedules					■	■
A-333	Sound Attenuation Diagrams					■	■
A-334	Bird Friendly Diagram					■	■
A-337	Window Details		■	■	■	■	■
A-338	Parapet and Roof Details		■	■	■	■	■
A-339	Parapet and Roof Details		■	■		■	■
A-340	Roof Details		■	■	■	■	■
A-341	Mechanical Screen Details						■
A-351	Storefront & Entry Details		■	■		■	■
A-352	Storefront & Entry Details		■	■		■	■
A-353	Lobby Storefront & Canopy Details		■	■		■	■
A-354	Storefront & Entry Details		■	■		■	■
A-400	Stair A - Plans and Sections		■	■	■	■	■
A-401	Stair B - Plans and Sections		■	■	■	■	■
A-402	Stair C Plans and Sections		■	■	■	■	■
A-403	Elevators - Plans and Sections		■	■		■	■
A-404	Elevators - Plans and Sections		■	■		■	■
A-420	Compactor Room - Section and Details		■	■	■	■	■
A-500	Apt. Kitchen Plans & Elevations 1		■	■	■	■	■
A-501	Apt. Kitchen Plans & Elevations 2		■	■	■	■	■
A-502	Apt. Kitchen Plans & Elevations 3		■	■	■	■	■
A-503	Pantry Plans & Elevations		■	■	■	■	■
A-504	Kitchen Cabinet Standards		■	■	■	■	■
A-505	Kitchen Cabinet Standards		■	■	■	■	■
A-510	Bathroom Notes & Details		■	■	■	■	■
A-511	Apt. Bathroom Plans & Elevations 1		■	■	■	■	■
A-512	Apt. Bathroom Plans & Elevations 2		■	■	■	■	■
A-513	Public Bathroom Plans & Elevations 1		■	■	■	■	■
A-514	Public Bathroom Plans & Elevations 2		■	■	■	■	■
A-520	Ground Floor Lobby Finish Plan		■	■	■	■	■
A-521	Ground Floor Lobby Finish Elevations		■	■	■	■	■

Drawing List

Sheet Number	Sheet Name	100% SD - 03/15/2023	50% DD - 05/19/2023	DOB Filing Set - 08/04/2023	100% DD - 09/13/2023	50% CD - 12/01/2023	Pricing Set - 08/30/2024
A-522	Mailboxes Finish Plan & Elevations		■	■	■	■	■
A-523	Multipurpose Room Finish Plan & Elevations		■	■	■	■	■
A-524	Fitness Room Finish Plan & Elevations		■	■	■	■	■
A-525	Playroom Finish Plan & Elevations		■	■	■	■	■
A-526	Supportive Services Suite Finish Plan		■	■	■	■	■
A-527	Supportive Services Suite Finish Elevations		■	■	■	■	■
A-529	Laundry Room Finish Plan & Elevations		■	■	■	■	■
A-530	2nd Floor Elevator Lobby & Corridor Finish Plan		■	■	■	■	■
A-531	2nd Floor Elevator Lobby & Corridor Finish Elevations		■	■	■	■	■
A-532	Loading Dock Plan and Section		■	■	■	■	■
A-540	Partition Details					■	■
A-541	Partition Details		■	■	■	■	■
A-542	Ceiling Details					■	■
A-600	Partition Types		■	■	■	■	■
A-601	Partition Types		■	■	■	■	■
A-602	Partition Types		■	■	■	■	■
A-603	Interior Details					■	■
A-604	Reception Desk Details					■	■
A-605	Millwork Details 1					■	■
A-606	Millwork Details 2					■	■
A-610	Door Schedule		■	■		■	■
A-611	Door Types & Elevations		■	■	■	■	■
A-612	Door Sill Details		■	■	■	■	■
A-613	Door Head & Jamb Details		■	■	■	■	■
A-621	Finish Legend		■	■	■	■	■
A-622	Finish Schedule		■	■	■	■	■
A-631	Appliance, Fixture & Accessory Schedules		■	■	■	■	■

LA-001	General Notes				■	■	■
LA-010	Site Plan				■	■	■
LA-100	Material & Planting Plan First Floor				■	■	■
LA-110	Material Plan Second Floor				■	■	■
LA-120	Dimension Plan Second Floor					■	■
LA-130	Planting Plan Second Floor						■
LA-140	Green Roof Plan						■
LA-200	Sections Second Floor				■	■	■
LA-300	Planting Details				■	■	■
LA-400	Site Details				■	■	■

Drawing List

Sheet Number	Sheet Name	100% SD - 03/15/2023	50% DD - 05/19/2023	DOB Filing Set - 08/04/2023	100% DD - 09/13/2023	50% CD - 12/01/2023	Pricing Set - 08/02/2024
S-001	GENERAL NOTES AND SHEET INDEX	■	■	■	■	■	■
S-002	GENERAL NOTES	■	■	■	■	■	■
S-003	3D VIEWS	■	■	■	■	■	■
S-004	LOAD MAPS			■	■	■	■
S-005	LOAD MAPS			■	■	■	■
S-006	LOAD MAPS			■	■	■	■
FO-100	CELLAR/FOUNDATION OVERALL FRAMING PLAN	■	■	■	■	■	■
FO-101	CELLAR/FOUNDATION FRAMING PLAN - PART A	■		■	■	■	■
FO-102	CELLAR/FOUNDATION FRAMING PLAN - PART B	■	■	■	■	■	■
FO-111	FOUNDATION DETAILS	■	■	■	■	■	■
FO-112	FOUNDATION DETAILS				■	■	■
FO-121	SHEAR WALL MAT LAYOUT PLANS					■	■
FO-122	SHEAR WALL MAT LAYOUT PLANS						■
FO-123	SHEAR WALL MAT LAYOUT PLANS						■
FO-131	SHEAR WALL MAT SECTION						■
S-200	GROUND FLOOR OVERALL PLAN	■	■	■	■	■	■
S-201	GROUND FLOOR FRAMING PLAN - PART A	■	■	■	■	■	■
S-202	GROUND FLOOR FRAMING PLAN - PART B	■	■	■	■	■	■
S-203	2ND FLOOR OVERALL PLAN	■	■	■	■	■	■
S-204	2ND FLOOR FRAMING PLAN - PART A	■	■	■	■	■	■
S-205	2ND FLOOR FRAMING PLAN - PART B		■	■	■	■	■
S-206	3RD FLOOR OVERALL PLAN		■	■	■	■	■
S-207	3RD FLOOR FRAMING PLAN - PART A		■	■	■	■	■
S-208	3RD FLOOR FRAMING PLAN - PART B	■	■	■	■	■	■
S-209	4TH THRU 7TH FLOOR OVERALL PLAN		■	■	■	■	■
S-210	4TH THRU 7TH FLOOR FRAMING PLAN - PART A		■	■	■	■	■
S-211	4TH THRU 7TH FLOOR FRAMING PLAN - PART B		■	■	■	■	■
S-212	8TH THRU 9TH FLOOR OVERALL PLAN		■	■	■	■	■
S-213	8TH THRU 9TH FLOOR FRAMING PLAN - PART A		■	■	■	■	■
S-214	8TH THRU 9TH FLOOR FRAMING PLAN - PART B		■	■	■	■	■
S-215	10TH FLOOR OVERALL PLAN	■	■	■	■	■	■
S-216	10TH FLOOR FRAMING PLAN - PART A	■	■	■	■	■	■
S-217	10TH FLOOR FRAMING PLAN - PART B	■	■	■	■	■	■
S-218	11TH FLOOR OVERALL PLAN	■	■	■	■	■	■
S-219	11TH FLOOR FRAMING PLAN - PART A	■	■	■	■	■	■
S-220	11TH FLOOR FRAMING PLAN - PART B	■	■	■	■	■	■
S-221	ROOF OVERALL PLAN	■	■	■	■	■	■
S-222	ROOF FRAMING PLAN - PART A	■	■	■	■	■	■
S-223	ROOF FRAMING PLAN - PART B	■	■	■	■	■	■
S-401	COLUMN SCHEDULE				■	■	■
S-402	TYPICAL CONCRETE COLUMN DETAILS		■	■	■	■	■
S-403	TYPICAL CONCRETE COLUMN DETAILS		■	■	■	■	■
S-411	SHEAR WALL REINFORCING PLANS			■	■	■	■
S-412	CMU REINFORCEMENT PLANS			■	■	■	■
S-413	CMU REINFORCEMENT PLANS			■	■	■	■
S-414	CMU REINFORCEMENT PLANS			■	■	■	■
S-415	CMU REINFORCEMENT PLANS			■	■	■	■
S-416	CMU REINFORCEMENT PLANS			■	■	■	■
S-417	CMU REINFORCEMENT PLANS			■	■	■	■
S-418	LINK BEAM SCHEDULE AND DETAILS			■	■	■	■
S-501	TYPICAL CONCRETE DETAILS	■	■	■	■	■	■
S-502	TYPICAL CONCRETE DETAILS	■	■	■	■	■	■
S-503	TYPICAL CONCRETE DETAILS	■	■	■	■	■	■
S-504	TYPICAL CONCRETE DETAILS	■	■	■	■	■	■
S-505	TYPICAL CONCRETE DETAILS	■	■	■	■	■	■
S-601	TYPICAL MASONRY SECTIONS AND DETAILS	■	■	■	■	■	■
S-602	TYPICAL MASONRY SECTIONS AND DETAILS	■	■	■	■	■	■
S-603	TYPICAL MASONRY SECTIONS AND DETAILS	■	■	■	■	■	■
S-604	TYPICAL MASONRY SECTIONS AND DETAILS	■	■	■	■	■	■
S-605	TYPICAL MASONRY SECTIONS AND DETAILS	■	■	■	■	■	■
S-606	TYPICAL MASONRY SECTIONS AND DETAILS	■	■	■	■	■	■
S-607	TYPICAL MASONRY SECTIONS AND DETAILS	■	■	■	■	■	■
M-001	MECHANICAL COVER SHEET			■	■	■	■
M-101	MECHANICAL CELLAR FLOOR PLAN PART PLAN A		■	■	■	■	■
M-102	MECHANICAL CELLAR FLOOR PLAN PART PLAN B		■	■	■	■	■
M-103	MECHANICAL LEVEL 1 FLOOR PLAN PART PLAN A		■	■	■	■	■
M-104	MECHANICAL LEVEL 1 FLOOR PLAN PART PLAN B		■	■	■	■	■
M-105	MECHANICAL LEVEL 2 FLOOR PLAN PART PLAN A		■	■	■	■	■
M-106	MECHANICAL LEVEL 2 FLOOR PLAN PART PLAN B		■	■	■	■	■
M-107	MECHANICAL LEVEL 3-7 (TYPICAL) FLOOR PLAN PART PLAN A		■	■	■	■	■
M-108	MECHANICAL LEVEL 3-7 (TYPICAL) FLOOR PLAN PART PLAN B		■	■	■	■	■
M-109	MECHANICAL LEVEL 8-10 FLOOR PLAN PART PLAN A		■	■	■	■	■
M-110	MECHANICAL LEVEL 8-10 FLOOR PLAN PART PLAN B		■	■	■	■	■
M-111	MECHANICAL LEVEL 11 FLOOR PLAN PART PLAN A		■	■	■	■	■
M-112	MECHANICAL LEVEL 11 FLOOR PLAN PART PLAN B		■	■	■	■	■
M-113	MECHANICAL ROOF FLOOR PLAN PART PLAN A		■	■	■	■	■
M-114	MECHANICAL ROOF FLOOR PLAN PART PLAN B		■	■	■	■	■
M-200	MECHANICAL AIR RISER			■	■	■	■
M-201	MECHANICAL REFRIGERANT RISER			■	■	■	■
M-202	MECHANICAL WATER RISER 1			■	■	■	■
M-203	MECHANICAL WATER RISER 2			■	■	■	■
M-300	MECHANICAL SCHEDULES			■	■	■	■
M-400	MECHANICAL DETAILS			■	■	■	■
M-401	MECHANICAL DETAILS 2			■	■	■	■
M-402	MECHANICAL DETAILS 3				■	■	■
P-001	PLUMBING - SITE PLAN			■	■	■	■
P-099	PLUMBING - UNDERGROUND FLOOR PLAN			■	■	■	■
P-100	PLUMBING - CELLAR FLOOR PLAN - PART A		■	■	■	■	■
P-101	PLUMBING - CELLAR FLOOR PLAN - PART B		■	■	■	■	■
P-102	PLUMBING - 1ST FLOOR PLAN - PART A		■	■	■	■	■
P-103	PLUMBING - 1ST FLOOR PLAN - PART B		■	■	■	■	■
P-104	PLUMBING - 2ND FLOOR PLAN - PART A		■	■	■	■	■
P-105	PLUMBING - 2ND FLOOR PLAN - PART B		■	■	■	■	■
P-106	PLUMBING - 3RD - 7TH FLOOR PLAN - PART A		■	■	■	■	■
P-107	PLUMBING - 3RD - 7TH FLOOR PLAN - PART B		■	■	■	■	■
P-108	PLUMBING - 8TH FLOOR PLAN - PART A		■	■	■	■	■
P-109	PLUMBING - 8TH FLOOR PLAN - PART B		■	■	■	■	■
P-110	PLUMBING - 9TH FLOOR PLAN - PART A		■	■	■	■	■
P-111	PLUMBING - 9TH FLOOR PLAN - PART B		■	■	■	■	■
P-112	PLUMBING - 10TH FLOOR PLAN - PART A		■	■	■	■	■
P-113	PLUMBING - 10TH FLOOR PLAN - PART B		■	■	■	■	■
P-114	PLUMBING - 11TH FLOOR PLAN - PART A		■	■	■	■	■
P-115	PLUMBING - 11TH FLOOR PLAN - PART B		■	■	■	■	■
P-116	PLUMBING -ROOF FLOOR PLAN - PART A		■	■	■	■	■
P-117	PLUMBING -ROOF FLOOR PLAN - PART B		■	■	■	■	■
P-200	PLUMBING - SANITARY RISER DIAGRAM 1			■	■	■	■
P-201	PLUMBING - SANITARY RISER DIAGRAM 2			■	■	■	■
P-202	PLUMBING - SANITARY RISER DIAGRAM 3			■	■	■	■
P-203	PLUMBING - SANITARY RISER DIAGRAM 4			■	■	■	■
P-204	PLUMBING - SANITARY RISER DIAGRAM 5			■	■	■	■
P-205	PLUMBING - DOMESTIC WATER RISER DIAGRAM 1			■	■	■	■
P-206	PLUMBING - DOMESTIC WATER RISER DIAGRAM 2			■	■	■	■
P-207	PLUMBING - DOMESTIC WATER RISER DIAGRAM 3			■	■	■	■
P-208	PLUMBING -GAS & STORM WATER RISER DIAGRAM 1			■	■	■	■
P-209	PLUMBING - STORM WATER RISER DIAGRAM 2			■	■	■	■
P-300	PLUMBING - DETAILS 1			■	■	■	■
P-301	PLUMBING - DETAILS 2			■	■	■	■
P-302	PLUMBING - DETAILS 3			■	■	■	■
P-303	PLUMBING - DETAILS 4						■
P-304	PLUMBING - DETAILS 5						■
SPSD-001	SPRINKLER/STANDPIPE PLOT PLAN						■
SPSD-002	SPRINKLER/STANDPIPE NOTES				■	■	■
SPSD-100	SPRINKLER/STANDPIPE CELLAR FLOOR PLAN PART A		■	■	■	■	■
SPSD-101	SPRINKLER/STANDPIPE CELLAR FLOOR PLAN PART B		■	■	■	■	■
SPSD-102	SPRINKLER/STANDPIPE 1ST FLOOR PLAN PART A		■	■	■	■	■
SPSD-103	SPRINKLER/STANDPIPE 1ST FLOOR PLAN PART B		■	■	■	■	■
SPSD-104	SPRINKLER/STANDPIPE 2ND FLOOR PLAN PART A		■	■	■	■	■
SPSD-105	SPRINKLER/STANDPIPE 2ND FLOOR PLAN PART B		■	■	■	■	■
SPSD-106	SPRINKLER/STANDPIPE 3RD - 7THFLOOR PLAN PART A		■	■	■	■	■
SPSD-107	SPRINKLER/STANDPIPE 3RD - 7THFLOOR PLAN PART B		■	■	■	■	■
SPSD-108	SPRINKLER/STANDPIPE 8TH FLOOR PLAN PART A		■	■	■	■	■
SPSD-109	SPRINKLER/STANDPIPE 8TH FLOOR PLAN PART B		■	■	■	■	■
SPSD-110	SPRINKLER/STANDPIPE 9TH FLOOR PLAN PART A		■	■	■	■	■
SPSD-111	SPRINKLER/STANDPIPE 9TH FLOOR PLAN PART B		■	■	■	■	■
SPSD-112	SPRINKLER/STANDPIPE 10TH FLOOR PLAN PART A		■	■	■	■	■
SPSD-113	SPRINKLER/STANDPIPE 10TH FLOOR PLAN PART B		■	■	■	■	■
SPSD-114	SPRINKLER/STANDPIPE 11TH FLOOR PLAN PART A		■	■	■	■	■
SPSD-115	SPRINKLER/STANDPIPE 11TH FLOOR PLAN PART B		■	■	■	■	■
SPSD-116	SPRINKLER/STANDPIPE ROOF FLOOR PLAN PART A		■	■	■	■	■
SPSD-117	SPRINKLER/STANDPIPE ROOF FLOOR PLAN PART B		■	■	■	■	■
SPSD-200	SPRINKLER/STANDPIPE RISER DIAGRAM				■	■	■
SPSD-300	SPRINKLER/STANDPIPE DETAILS 1				■	■	■
SPSD-301	SPRINKLER/STANDPIPE DETAILS 2				■	■	■

Drawing List

Sheet Number	Sheet Name	100% SD - 03/15/2023	50% DD - 05/19/2023	DOB Filing Set - 08/04/2023	100% DD - 09/13/2023	50% CD - 12/01/2023	Pricing Set - 08/02/2024
E-010	ELECTRICAL NOTES AND SYMBOLS				■	■	■
E-011	ELECTRICAL LIGHTING SCHEDULE					■	■
E-012	ELECTRICAL CONDUIT ROUTING PLAN - CELLAR & 1ST FLR		■			■	■
E-013	ELECTRICAL CONDUIT ROUTING PLAN - 2ND & 3RD FLR		■			■	■
E-014	ELECTRICAL CONDUIT ROUTING PLAN - 4TH & 5TH FLR		■			■	■
E-015	ELECTRICAL CONDUIT ROUTING PLAN - 6TH & 7TH FLR		■			■	■
E-016	ELECTRICAL CONDUIT ROUTING PLAN - 8TH & 9TH FLR		■			■	■
E-017	ELECTRICAL CONDUIT ROUTING PLAN - 10TH & 11TH FLR		■			■	■
E-101L	LIGHTING CELLAR FLOOR PLAN PART PLAN A					■	■
E-102L	LIGHTING CELLAR FLOOR PLAN PART PLAN B					■	■
E-103L	LIGHTING LEVEL 1 FLOOR PLAN PART PLAN A					■	■
E-104L	LIGHTING LEVEL 1 FLOOR PLAN PART PLAN B					■	■
E-105L	LIGHTING LEVEL 2 FLOOR PLAN PART PLAN A					■	■
E-106L	LIGHTING LEVEL 2 FLOOR PLAN PART PLAN B					■	■
E-107L	LIGHTING LEVEL 3-7 (TYPICAL) FLOOR PLAN PART PLAN A					■	■
E-108L	LIGHTING LEVEL 3-7 (TYPICAL) FLOOR PLAN PART PLAN B					■	■
E-109L	LIGHTING LEVEL 8-10 FLOOR PLAN PART PLAN A					■	■
E-110L	LIGHTING LEVEL 8-10 FLOOR PLAN PART PLAN B					■	■
E-111L	LIGHTING LEVEL 11 FLOOR PLAN PART PLAN A					■	■
E-112L	LIGHTING LEVEL 11 FLOOR PLAN PART PLAN B					■	■
E-113L	LIGHTING ROOF FLOOR PLAN PART PLAN A						■
E-114L	LIGHTING ROOF FLOOR PLAN PART PLAN B						■
E-101P	ELECTRICAL POWER CELLAR FLOOR PLAN PART PLAN A		■		■	■	■
E-102P	ELECTRICAL POWER CELLAR FLOOR PLAN PART PLAN B		■		■	■	■
E-103P	ELECTRICAL POWER LEVEL 1 FLOOR PLAN PART PLAN A		■		■	■	■
E-104P	ELECTRICAL POWER LEVEL 1 FLOOR PLAN PART PLAN B		■		■	■	■
E-105P	ELECTRICAL POWER LEVEL 2 FLOOR PLAN PART PLAN A		■		■	■	■
E-106P	ELECTRICAL POWER LEVEL 2 FLOOR PLAN PART PLAN B		■		■	■	■
E-107P	ELECTRICAL POWER LEVEL 3-7 FLOOR PLAN PART PLAN A		■		■	■	■
E-108P	ELECTRICAL POWER LEVEL 3-7 FLOOR PLAN PART PLAN B		■		■	■	■
E-109P	ELECTRICAL POWER LEVEL 8-10 FLOOR PLAN PART PLAN A		■		■	■	■
E-110P	ELECTRICAL POWER LEVEL 8-10 FLOOR PLAN PART PLAN B		■		■	■	■
E-111P	ELECTRICAL POWER LEVEL 11 FLOOR PLAN PART PLAN A		■		■	■	■
E-112P	ELECTRICAL POWER LEVEL 11 FLOOR PLAN PART PLAN B		■		■	■	■
E-113P	ELECTRICAL POWER ROOF FLOOR PLAN PART PLAN A		■		■	■	■
E-114P	ELECTRICAL POWER ROOF FLOOR PLAN PART PLAN B		■		■	■	■
E-200	ELECTRICAL POWER RISER DIAGRAM SHEET NO. 1					■	■
E-201	ELECTRICAL POWER RISER DIAGRAM SHEET NO. 2					■	■
E-202	ELECTRICAL TELECOM RISER DIAGRAM				■	■	■
E-203	ELECTRICAL INTERCOM RISER DIAGRAM				■	■	■
E-300	ELECTRICAL PANEL SCHEDULE SHEET NO. 1					■	■
E-301	ELECTRICAL PANEL SCHEDULE SHEET NO. 2					■	■
E-302	ELECTRICAL PANEL SCHEDULE SHEET NO. 3					■	■
E-303	ELECTRICAL PANEL SCHEDULE SHEET NO. 4					■	■
E-304	ELECTRICAL PANEL SCHEDULE SHEET NO. 5					■	■
E-305	ELECTRICAL PANEL SCHEDULE SHEET NO. 6					■	■
E-400	ELECTRICAL DETAIL SHEET-1				■	■	■
E-401	ELECTRICAL DETAIL SHEET-2				■	■	■
FA-010	FIRE ALARM NOTES		■	■	■	■	■
FA-011	FIRE ALARM RISER						■
FA-012	FIRE ALARM MATRIX		■	■	■	■	■
FA-101	FIRE ALARM CELLAR & 1ST FLOOR PLAN		■	■	■	■	■
FA-102	FIRE ALARM 2ND & 3RD FLOOR PLAN		■	■	■	■	■
FA-103	FIRE ALARM 4TH & 5TH FLOOR PLAN		■	■	■	■	■
FA-104	FIRE ALARM 6TH & 7TH FLOOR PLAN		■	■	■	■	■
FA-105	FIRE ALARM 8TH & 9TH FLOOR PLAN		■	■	■	■	■
FA-106	FIRE ALARM 10TH & 11TH FLOOR PLAN		■	■	■	■	■
FA-107	FIRE ALARM ROOF & BULKHEAD PLAN		■	■	■	■	■

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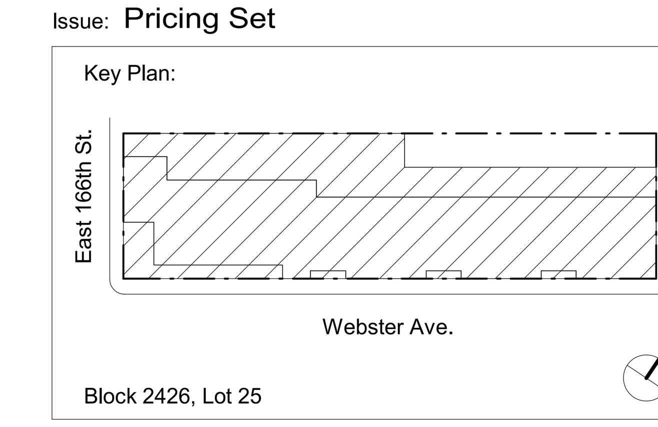
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P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set



Key Plan

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Sheet List, Abbreviations and Symbols

Date	08/30/2024
Scale	1" = 1'-0"
Drawn By	DK/ER/PN
Checked By	RE
Project No.	2231

Seal

Sheet No.:

T-002.00

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Plotted: 8/30/2024 5:15:55 PM

GENERAL INFORMATION

Address: 1099 Webster Avenue
Bronx, NY 10456
Block: 2426
Lot: 25
MDL Class: 1-B
Stories: 11
Height: 115'-0 3/8"

OCCUPANCY AND CONSTRUCTION CLASSIFICATION

Occupancy: The Building is Classified as Occupancy Group R-2, Class A Multiple Dwelling per Section 27-2004(a) of the *New York City Housing Maintenance Code*

Building Occupancy:	Occupancy Group:
Residential	R-2
Retail	M
Community Facility	B

Construction Classification: 1-B (BC Table 601)

PROJECT NARRATIVE

1099 Webster Avenue is an 11-story mixed-use, affordable and supportive housing development providing 259 apartments with ground floor retail and community facility space. It is constructed of masonry bearing walls with a cast-in-place concrete podium.

The design of the proposed building conforms with NYC 2022 Building Code, and the Fair Housing Act. The FHA safe harbor is the HUD Fair Housing Design Manual.

GENERAL NOTES

1. Permits and compliance: All work shall conform to and be performed in strict accordance with the Contract Documents, the 2022 Construction Codes: Building Code (BC), Plumbing Code (PC), Mechanical Codes (MC), Fuel Gas Code (FGC) and Electrical Code (EC) of the City of New York; the New York City Housing Maintenance Code (HMC); the New York State Multiple Dwelling Law (MDL); the New York City Energy Conservation Construction Code; and all other regulations having jurisdiction. The Contractor shall obtain all required permits prior to commencement of the work.

2. Conditions affecting the work: Before proceeding with the work, the Contractor and sub-contractors shall thoroughly examine conditions at the project site to assure that the work can proceed in accordance with the contract documents. Conditions found which will adversely affect the work shall be reported to the Owner's Representative and the Architect prior to proceeding with the work.

3. Notification of adjacent property owners: Five days prior notice shall be given by the Contractor to the owner of each adjoining lot affected by foundation, earthwork or demolition work as per BC 3304.3.2.

4. Commencement of operations: At least 24 hours written notice shall be given by the contractor to the Commissioner of Buildings before commencing of work per BC 105.5.1. Special inspection items require 72 hours prior written notice to persons responsible for inspection (BC Chap.1, Administrative Code, Sec. 28-116.2.3.)

5. Elevation datum: Site elevations shown refer to datum indicated on the survey.

6. Reference datum: Elevations refer to North American Vertical Datum of 1988 (NAVD88) reference datum per BC Chap.1, Administrative Code, 28-104.7.6.

7. Survey and borings: Survey and sub-surface test borings are provided for information only. Dattner Architects is not responsible for the accuracy or completeness of information contained in the survey or test borings prepared by others.

8. Dimensions: Thickness of applied wall finishes are indicated on details and elsewhere in the contract documents.

9. Dimensions verification: Before proceeding with the work, the contractor and sub-contractors shall verify elevation datum and all dimensions. Any dimensional variations between field conditions and proposed new work which will adversely affect the work shall be reported to the Owner's Representative and the Architect prior to proceeding with the work. Do not scale drawings; written dimensions take precedence.

10. Construction classification: The construction classification of this building is construction group "I" non-combustible, class "I-B". All construction elements shall be of the required minimum fire resistance ratings outlined in Table 601 and elsewhere in the Code.

11. Separation of Occupancies: Provide fire separations or divisions between various occupancies as per BC Chap. 5, and Tables 508.4.

12. Rated Assemblies: All materials or assemblies required to have a fire resistance rating shall comply with the appropriate NYC Bldg. Dept. reference standard.

13. Materials, assemblies, equipment and methods of construction and service equipment shall meet the following requirements:

a) They shall have been accepted for use in accordance with OTCR-approved criteria or,

b) They shall have been accepted for use under prescribed test methods as per NYC Building Code.

14. Masonry units shall conform to the Code and masonry walls and construction shall conform to BC Chapter 21. See Structural Drawings for additional information.

15. Special inspections: Provide testing and inspections required by Code. See listing on this sheet, EN-001, and Chapter 17 of Building Code.

16. Firestopping - general: Concealed spaces with partitions, walls, floors, roofs, stairs, furring, pipe spaces, column enclosures, etc., shall be firestopped (except where concealed space is sprinklered) with non-combustible material that can be shaped, fitted and permanently secured in position as per BC 714.

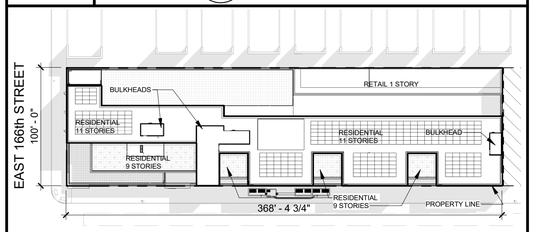
17. Shaft enclosure: Stair, elevator and shaft enclosures shall have a 2 hour fire-resistance rating, complying with the BC 713.

18. Firestopping, ducts, pipes, conduits: Duct, pipes and conduits passing through fire rated construction shall have surrounding spaces not exceeding 1/2" in width packed with firestopping material approved by the code and closed off with close-fitting metal closures. Ductwork penetrations shall be protected by rated self-closing devices, per BC Sec. 717.1.

19. Elevators shall be filed as a separate NYC Bldg. Dept. application by the Contractor. Elevators shall comply with ANSI standards. All openings to elevator shaft shall be provided with self-closing doors and bucks having a 1-1/2 hour rating. All doors to elevator shafts and doors in elevator cabs shall be provided with automatic devices as required. Elevators and accessories shall comply with the requirements for the handicapped and the firemen's recall system. Provide mirrors in elevator cabs (Sec. 51-b MDL & 27-2041 HMC).

20. Work beyond street line: No work shall be performed beyond the street line prior to obtaining approval from NYC Dept. of Transportation (DOT). Permits for all work outside of the NYC street line shall be obtained by the contractor. Sidewalks and street curbing shall be rebuilt in accordance with the requirements of NYC DOT.

PLOT PLAN | BLOCK: 2426 LOT: 25 | ZONING DISTRICT: R7X / C2-4 OVERLAY ZONING SECTIONAL MAP: 3d



21. Structural: For notes referring to live and dead loads, structural work, foundations, concrete and masonry requirements, refer to structural drawings.

22. Temporary Sheet Piling and Underpinning: All sheet piling and underpinning work shall be designed & supervised by a professional engineer licensed in New York State retained by the contractor, acceptable to the engineer of record, filed with and approved by the New York City Department of Buildings.

23. Excavation: Comply with OPPN #26/ 92. If any off-site fill or on-site fill in excess of 300 cubic yards is anticipated, the registered architect shall place the following note on the note sheet, " This Project Requires Fill" which shall comply with fill material Section 16-130a(4) Administrative Code and rules and regulations for operations, Section 16-131 AC for fill material operation.

24. Signs at Stairs and Elevators: Signs shall be posted at stairs and elevators to comply with BC Chapter 10.

25. Minimum Ceiling Heights:

7'-6"	Means of egress	BC 1003.2
7'-0"	Protruding objects at means of egress	BC 1003.3
6'-8"	Stairs at R-2	BC 1011.3.1
7'-0"	Stairs other than R-2	BC 1011.3
7'-0	Egress ramps	BC 1012.5.2
8'-0"	Habitable rooms	BC 1208.2
7'-6"	Occupiable spaces	BC 1208.2
7'-0"	Kitchenettes, storage room, laundry	BC 1208.2

26. Fire resistance ratings: The minimum fire resistance ratings (in hours) required for construction elements in construction class IB by the Code are set forth in Tables 601 and 602 as follows:

Building Construction Elements:
Structural frame, includes, girders, trusses: 2 hr
Structural columns 3 hr
Bearing wall - Exterior: 2 hr
Bearing wall - Interior: 2 hr
Non-bearing walls and partitions:
Exterior
- fire separation < 5 ft. = 1 hr.
- fire separation, from 5 ft to < 10 ft. = 1 hr
- fire separation, from 10 ft to < 30 ft. = 1 hr
- fire separation, > 30 ft. = 0 hr
Interior
- non-bearing walls and partitions = 0 hr
Floor construction, includes supporting beams & joists: 2 hr
Roof construction, includes supporting beams & joists: 1 hr

See Life Safety Notes on Egress Drawings for fire ratings of additional elements.

27. Flame-spread and Smoke Density

a) Flame spread ratings shall comply with Table 803.11.
b) Interior finish: Exit enclosures, exit passageways and corridors in R-2, M, and A-3 occupancy shall be Class B or better: Flame spread 26 to 75. Rooms and enclosed spaces in R-2 occupancy to be Class C or better: Flame spread 76 to 200.
c) Smoke density: No material shall be used for interior finish of exits or corridors that has a smoke developed rating greater than 25, per BC 803.1.1.3.

28. Design Occupant Load: Compliance with Maximum Floor Area Allowances Per Occupant Table 1004.1.3. See Egress drawings.

31. Special & Progress Inspection items shall be performed in accordance with the applicable sections of the New York City Building Code. Inspections include but are not limited to those listed on this drawing sheet and EN-001.

32. Allowable Height and Building Area: per NYC Building Code Table 504.3, 504.4, and 506.2
Allowable Height: 420'-0"
Allowable Stories: Unlimited
Allowable Building Area: Unlimited

33. Rodent Proofing: Comply with BC F101. All Exterior Walls, Floors on grade, Windows and Openings shall be protected as per BC F102. Elements and openings within 2 feet of ground level shall be protected with cement, concrete masonry, metal plates or screening to prevent the passage of rodents.

34. Security Requirements for Doors and Windows:
As per 1010.4.1 Building entrance doors and other exterior exit doors shall be equipped with heavy duty lock sets with auxiliary latch bolts to prevent the latch from being manipulated by means other than a key. Latch sets shall have stop-work in the inside cylinder controlled by a master key only. Outside cylinders of main entrance door locks shall be operated by the tenants' key, which shall not be keyed to also open the tenants' apartment door. A light or lights shall be provided at or near the outside of the front entranceway of the building providing not less than 5-footcandles (53.82 lux) intensity measured at the floor level for the full width of the entranceway.
As per 1010.4.2 Doors to dwelling units shall be equipped with a heavy dutylatch set and a heavy duty dead bolt operable by a key from the outside and a thumb-turn from the inside. Those doors shall also be equipped with a chain guard so as to permit partial opening of the door. Dwelling unit entrance doors shall also be equipped with a viewing device located so as to enable a person on the inside of the entrance door to view a person immediately outside.
As per 1010.4.3 All openable windows shall be equipped with sash locks designed to be openable from the inside only. Grilles lockable from the inside only may be placed on the inside or outside of windows that are accessible from grade but that do not serve to provide access to exits.
As per 1010.4.4 Buildings containing eight or more dwelling units shall be provided with an intercommunication system located at the door giving access to the main entrance lobby, consisting of a device or devices for voice communication between the occupant of each dwelling unit and a person outside the door to the main entrance lobby, and permitting such dwelling unit occupant to release the locking mechanism of said door from the dwelling unit. In buildings provided with a full-time lobby attendant, the intercommunication system may be between each dwelling unit and theattendant's station.

35. Exterior Wall Openings - Maximum Area of Wall openings as per Table 705.8

36. Exits, exit discharge, and public corridors shall be illuminated at all times as per BC 1008.2.

GENERAL NOTES, CONT'D

1. A sign shall be provided at each floor landing in interior vertical exit enclosures connecting more than three stories designating the floor level as per BC 1023.9.2..
2. Exit signs shall be installed in compliance with BC1013.1.
3. Stairway door operation shall be incompliance with BC403.5.3.
4. Elevator shall be incompliance with BC 3003.3.2 and be kept available for immediate use fire Department all hours of the night and day, including holidays, Saturdays and Sundays.
5. Where a floor is serviced by three or fewer elevator cars, every car shall be kept available for sole use by the Fire Department as per BC 3003.3.2.1.
6. Energy Code Professional Statement: "To the best of my knowledge, belief and professional judgment, these plans and specifications are in compliance with the 2020 NYCECC".
7. This project does not include modular construction.
8. A tactile sign indicating "exit" shall be provided adjacent to each door to an egress stair, an exit passageway, and exit discharge area as per BC 1013.4.
9. As per TPPN 10/88 protection shall be provided to avoid damage to historic landmark structures adjacent to property or within 90 feet - Provide diagram indicating 90 foot radius.
10. This building shall be designed in compliance with BC 1601 Structural Design.
11. Dwelling units shall comply with the 2022 Building Code and Chapter 1 through 10 of the ICC A117.1.
12. BC 403.2.3 For all high-rise buildings, exit enclosures and elevator hoistway enclosures shall comply with Sections 403.2.3.1 through 403.2.3.4.
13. Smokeproof enclosures to be provided as per BC 403.5.4 for buildings above 75 feet in height.
14. Doors opening into interior stair enclosures shall not be locked from either side as per BC 403.5.3.
15. Elevator Machine equipment to comply with BC 3005.7 isolator pad with min ½ inch thick to be provided for gear-driven machinery, gearless machinery and motor generators.
16. Adjacent roofs to be protected as per BC 3309.10, Protection shall extend minimum 20 feet from the edge of the building being constructed and material shall be 2" of flame retardant foam under 2" flame retardant plywood".
17. This project does not contain any open web steel joists.
18. Post fire smoke purge system to be provided as per BC 403.4.7.
19. Site shall be in compliance with BC 3301 and all subsequent sections and provide safeguards during construction of new building.
20. Exits, exit discharge, and public corridors shall be illuminated at all times as per BC 1008.2
21. Building entrance doors and other exterior exit doors will be equipped with heavy duty lock sets with auxiliary latch bolts as per BC 1010.4.1.
22. A light or lights shall be provided at or near the outside of the front entranceway of the building providing not less than 5-foot candles (53.82 lux) intensity measured at the floor level for the full width of the entrances way as per BC 1010.4.1. See A-132
23. Doors to dwelling units shall be equipped with a heavy-duty latch set and a heavy-duty dead bolt operable by a key from the outside and a thumb-turn from the inside as well as a chain guard and viewing device as per BC 1010.4.2.
24. All operable windows shall be equipped with sash locks designed to be operable from the inside only as per BC 1010.4.3.
25. Buildings containing 8 or more dwelling units shall be provided with an intercommunication system at the door giving access to the main entrance lobby as per BC 1010.4.4 - See A-103, A-200 and A-520
26. A sign shall be provided at each floor landing in interior vertical exit enclosures connecting more than three stories designating the floor level as per BC 1023.9.
27. Exit signs shall be installed in compliance with BC1013.1
28. Stairway door operation shall be incompliance with BC403.5.3
29. Elevator shall be incompliance with BC 3003.3.2 and be kept available for immediate use fire Department all hours of the night and day, including holidays, Saturdays and Sundays
30. Where a floor is serviced by three or fewer elevator cars, every car shall be kept available for sole use by the Fire Department as per BC 3003.3.2.1
31. Energy Code Professional Statement: "To the best of my knowledge, belief and professional judgment, these plans and specifications are in compliance with the 2020 NYCECCC".
32. This project does not include modular construction.
33. A tactile sign indicating "exit" shall be provided adjacent to each door to an egress stair, an exit passageway, and exit discharge area as per BC 1013.1
34. As per TPPN 10/88 protection shall be provided to avoid damage to historic landmark structures adjacent to property or within 90 feet - see C1/Z-003 landmarks protection plan and monitoring plan needs to be filed.
35. This building shall be designed in compliance with BC 1601 Structural Design
36. Dwelling units shall comply with the 2014 Building Code and Chapter 1 through 10 of the ICC A117.1
37. BC 403.2.1 {2} For high rise buildings not greater than 420 feet (128 000 mm) in building height and constructed to meet the fire-resistance rating requirements of Type IB or IIA construction, the required fire-resistance rating of columns supporting floors shall be constructed to meet Type 1A construction.
38. BC 403.2.3 For all high-rise buildings, exit enclosures and elevator hoist way enclosures shall comply with Sections 403.2.3.1 through 403.2.3.4.
39. BC 403.4.4 An emergency voice/alarm communication system shall be provided in accordance with Section 907.5.2.2
40. BC 403.4.6 Fire command. A fire command center complying with Section 911 shall be provided in a location approved by the Fire Department
41. Smokeproof enclosures to be provided as per BC 403.5.4 for buildings above 75 feet in height.
42. Doors opening into interior stair enclosures shall not be locked from either side as per BC 403.5.3
43. BC 403.5.3.1 Stairway Communication system shall be provided at not less than every fifth floor.
44. Emergency power system shall be designed to support Exit sign and means of egress illumination, Emergency voice communication, Electrically powered fire pumps unless electrical power to the motor is taken ahead of the main form the street side of house service switch as per BC 403.4.8.1
45. Elevator Machine equipment to comply with BC 3005.7 isolator pad with min ½ inch thick to be provided for gear-driven machinery, gearless machinery, and motor generators.

GENERAL NOTES, CONT'D

46. Adjacent roofs to be protected as per BC 3309.10, Protection shall extend minimum 20 feet from the edge of the building being constructed and material shall be 2" of flame-retardant foam under 2" flame retardant plywood."
47. This project does not contain any open web steel joists.
48. Sprayed fire-resistant materials (SFRM) shall be in compliance with BC 403.2.4 and the bond strength of the SFRM installed throughout the building shall be in accordance with Table 403.2.4.
49. Buildings shall be in compliance with BC 403.3 and Shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1. A secondary water supply shall be provided where required by Section 903.3.5.2. 403.3.1 Number of sprinkler risers and system design.
50. Riser location shall be in compliance with BC 403.3.1.1 and each sprinkler riser shall be placed in exit enclosures that are remotely located in accordance with Section 1015.2.
51. Water supply to required fire pumps shall be in compliance with BC 403.3.2 and fire pumps shall be provided with water supply in accordance with Section 905.2 and NFPA 14 as modified by Appendix Q."
52. Elevator cab to be in compliance with BC 3002.4.2 and accommodate ambulance stretcher. Such elevator shall be identified by the international symbol for Emergency Medical Services/Star of Life. See A-403
53. Hoist way lighting shall be in compliance with BC 3007.5.2 and shall be illuminated at not less than 1 footcandle (11 lux) as measured from the top of the car of each fire service access elevator when fire-fighters' emergency operation is active. See RCPs A-130 through A-145
54. Site Connection Plan has been filed with DEP per BC 107.11.1
55. Structural peer review per BC 1618 is not required

Seperate Applications

Item	Application #
Support of Excavation	X00909046-S1
Foundation	X00909046-S2
Structural	X00909046-S3
Mechanical	X00909046-S4
Plumbing	X00909046-S5
Sprinkler/Standpipe	X00909046-S6
Deep Foundation Elements	X00909046-S7
Temp Standpipe	X00909046-S8
Curb Cut	X00909046-S9
Builders Pavement Plan	TBD
Fire Alarm	TBD
ARCS	TBD

HIGH RISE NOTES

BC 403.2.1.2 Building is classified as a high rise building with an occupied floor located above 75'. For high rise buildings not greater than 420 feet in building height and constructed to meet the fire-resistance rating requirements of Type IB or IIA construction, the required fire-resistance rating of columns supporting floors shall be considered to meet Type IB construction.

BC 403.2.3 1. Wall assemblies making up exit enclosures and elevator hoistways shall meet or exceed Soft Body Impact Classification Level 2.
2. The wall assembly shall incorporate not less than one layer of impact-resistant construction material that meets or exceeds Hard Body Impact Classification Level 3 as measured by the test method described in ASTM C 1629/C 1629M.
3. The wall assembly incorporates multiple layers of any material, tested in tandem, that meet or exceed Hard Body Impact Classification Level 3 as measured by the test method described in ASTM C 1629/C 1629M.

BC 403.2.3.3 Concrete or masonry walls shall be deemed to satisfy the requirements of Sections 403.2.3.1 and 403.2.3.2.

BC 403.2.4 The bond strength of the SFRM installed throughout the building shall be in accordance with Table 403.2.4. (430 psf for buildings up to 420 feet)

BC 403.3 Automatic Sprinklers are provided in accordance with Section 903.3.1.1

BC 403.4 The detection, alarm and emergency systems are provided per BC 403.4.1 through 403.4.8.

BC 403.4.1 Smoke detection shall be provided in accordance with Section 907.2.13.1.

BC 403.4.2 A fire alarm system shall be provided in accordance with Section 907.2.13.

BC 403.4.4 An emergency voice/alarm communication system shall be provided in accordance with Section 907.5.2.2.

BC 403.4.5 Emergency responder radio coverage shall be provided in accordance with the New York City Fire Code and Section 907.2.13.2 of this code.

BC 907.2.13.2 Fire Department communication sysyem. Auxiliary Radio Communications Ststem (ARCS) is not required per section BC 916.3 Exception 1. Group R-2 buildings that meet all of the following requirements.
a. The highest occupied floor is less than 125 feet above the lowest level of Fire Department vehicle access;
b. The building has no more than 1 story below grade;
c. The floor area of the building does not exceed 250,000 sqyare feet.

BC 403.4.6 A fire command center complying with Section 911 shall be provided in a location approved by the Fire Department.

BC 403.4.7 A post-fire smoke purge system shall be installed in accordance with Section 916.

BC 403.4.8 A standby power system complying with Section 2702 is not required as the R-2 building is under 125'.

BC 403.4.8.4.3 Emergency power system is not required as the R-2 building is under 125'.

BC 403.5.3 Egress stair doors shall not be locked from either side. Minimum exit stairway enclosures separation, smokeproof exit enclosures and luminous egress path markings are not required in R-2 occupancy.

BC 403.6 Elevator operation and installation shall be in accordance with Chapter 30. Fire Service Access Elevators are not required as the highest occupied floor is less than 120' above the lowest level of fire department vehicle access. Enclosed elevators are not required on R-2 occupancy floors per 708.14.1.5.

BC 403.7 Outdoor air intakes. Not applicable for R-2 as per exception.

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Sustainability Consultant
Ettinger Engineering Associates
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New York, NY 10018

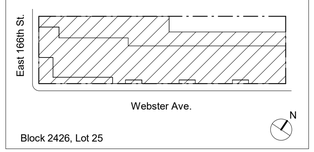
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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General Notes, Plot Plan, Cons. Class

Date	08/30/2024
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MULTIPLE DWELLING AND HOUSING MAINTENANCE CODE NOTES

1. Dwelling unit door hardware: Doors to dwelling units shall be equipped with heavy duty lock and dead bolt operable by key from outside and thumb turn from inside. Doors shall be equipped with self-closing device, chain guard and view device (BC 1008.4.2, Sec. 51-a MDL & Sec. 27-2043 HMC).
2. Building entrance doors: Shall contain at least 5 sq. ft. glazed area. Exterior lighting of entrance area will be provided. (Sec. 35, MDL & 27-2040 HMC).
3. Chimney: The work shall comply with BC Table 601 and Mechanical Code, Chapter 8. Enclosure of interior metal chimney shall be 2 hr. rated.
4. Mechanical Ventilation
   a. Mechanical ventilation systems shall comply with the 2014 City of New York Mechanical Code.
   b. Bathrooms in dwelling units shall be ventilated in accordance with BC 1203.4.1, Sec. 30, 76 MDL and 27- 2065 HMC.
5. Light, Heat and Ventilation
   a. Minimum room dimensions meet BC 1208, Sec. 31 MDL and Sec. 27-2074 HMC.
   b. Apartment windows shall conform to BC 1205.2 and 1203.4; have a transmittal area equal to 10% of room area; and have an operable area equal to 5% of the room area (Sec. 31 to 5 MDL).
   c. Temperature and humidity control requirements shall comply with BC 1204 and Sec. 79 MDL.
   d. Stairs and public halls shall be artificially lit per Sec. 37 MDL and 27-2038-9 HMC.
6. Smoke Detectors: Hardwired smoke detectors shall be provided in dwelling units and mechanical/electrical rooms per BC 907.2.10.1 and 27-2045 HMC. In dwellings, smoke detectors shall be no more than 15'-0" from bedroom door.
7. Carbon Monoxide Detectors: Hardwired carbon monoxide detectors shall be provided in dwelling units and boiler and gas meter rooms (BC 908.7 and 27-2045 HMC). In dwellings, CMD's shall be no more than 15'-0" from bedroom door.
8. Building and Maintenance
   a. Combustible material within 1 ft of cooking apparatus shall be fire protected as required. There shall be at least 2 ft clear above cooking surface (Sec. 23 MDL and 27-2072 HMC).
   b. Provide fire code type gyp. bd. for kitchen walls and ceilings (Sec. 3b MDL and 27-2072 HMC).
   c. Installation of antennae, etc. shall comply with Sec. 62 MDL.
   d. Roofs are provided with metal railings or masonry parapets (Sec. 62 MDL).
   e. Rodent-Proofing. Building shall comply with BC Appendix F, Rodent-Proofing and Sec. 80 MDL.
   f. Owner will comply with maintenance requirements (Sec. 80 MDL) and will provide janitorial services (Sec. 83 MDL and sub-2 art. 13 HMC).
   g. Mailboxes are provided in building lobby (Sec. 57 MDL & 27-2047 HMC).
   h. Floor signs and street numbers are provided (Sec. 27-2048.9 HMC).

ACCESSIBILITY NOTES

Building and all units shall comply with all requirements for accessibility for people having physical disabilities per:
   a. Chapter 11 of the 2022 New York City Building Code.
   b. Fair Housing Accessibility Guidelines (safe harbor) for compliance with Section 804(f)(3)(C) of the federal Fair Housing Act (42 U.S.C. 3604(f)(3)(C)) and implementing regulations at 24 CFR 100.205.

See drawing G-003 - G-004 for Accessibility Compliance Notes and Standards.

FLOOD HAZARD NOTES

Building is not located within a flood zone per FEMA Flood Insurance Rate Map number 3604970204G. See G-009 for Flood Map.

There are no current NYC Building Code or FEMA Flood Insurance purchase requirements for buildings not located within a flood zone.

FIRE CODE NOTES

1. Rooftop Access - Per FC 504.4, at all rooftops and setbacks up to 100 ft, perimeter access shall be provided in accordance with FC 504.4.1, including unobstructed passage across the building parapet, perimeter fence or other obstructions, and a safe landing.

2. Rooftop Access Landings - A safe landing area not less than 6 ft shall be provided at each rooftop perimeter access location in accordance with FC 504.4.3.

3. Rooftop Path - A clear rooftop path not less than 6 ft wide shall be provided in accordance with FC 504.4.4.

4. See Roof Floor Plans for FC compliance.

NOISE CONTROL NOTES

Noise control: The work shall comply with requirements for noise control in multiple dwellings (BC 1207 and Sec. 84 MDL).

1. Walls and ceilings separating dwelling units from other spaces and other dwelling units to be minimum STC of 50 per BC 1207.2 and dwelling unit entrance doors shall have a minimum STC of 30.

2. Minimum IIC for floor/ceiling assemblies separating dwelling units from other spaces and other dwelling units shall be ICC of 50 per BC 1207.3.

3. Refuse chutes shall be free of direct contact with shaft enclosures and shall be supported on isolators per BC 1207.3.1.

4. Mechanical equipment noise shall comply with Table BC 1207.2.2.

SEISMIC NOTES

The design, details, and notes are in compliance with BC section 1613 - Earthquake Loads.

Seismic Design Category:
See structural and geotechnical drawings and notes.

REFUSE CHUTE AND COMPACTOR NOTES

1. Refuse chute and Refuse and Recyclables Storage shall comply with Sec. 81 MDL and BC 1213.

2. Refuse Storage room shall be completely enclosed 2-hr fire rating with self closing protectives having a fire protection rating of 1 1/2 hr to comply with BC 1213.1.1

3. A refuse compacting system for multiple dwellings with an R-2 occupancy, four or more stories in height, and more than 12 dwelling units is required to comply with BC 1213.2. This system is located in a refuse chute termination room constructed with a fire resistance rating of 3 hours with self closing protectives having a fire protection rating of 1 1/2 hr to comply with both BC 1213.2 and BC 713.7. The floor is constructed of concrete and sloped to a floor drain connected to the building sewer to comply with BC 1213.2. A hose connection is provided in this room.

4. Access openings for refuse chutes are located in dedicated rooms completely enclosed with 2-hr fire rating with self closing protectives having a fire protection rating of 1 1/2 hr to comply with BC 713.7

5. Refuse chute has an a shaft enclosure with 2-hr fire rating with self closing opening protectives to comply with BC 713.13.

6. Pest control: the owner shall establish a program to prevent infestation of refuse collection system by insects or rodents and shall maintain records of treatments.

7. Charging chute to comply with noise control requirements of BC 1207.3.1.

8. Maintenance: refuse chute, refuse rooms, hoppers and all parts of the refuse collecting system shall be maintained in a clean and sanitary condition at all times, free of vermin, odors and defects and good operating condition.

GREEN ROOF NOTES

New Building will compy with Local Law 92 of 2019 and Local Law 94 of 2019: Green and Solar Roof Requirements for New Buildings and Complete Roof Replacements. Local Laws 92/94 of 2019 Solar and Green Roof Systems form certifying compliance with the requirements of Local Laws 92 and 94 will be submitted.

ROOF REFLECTANCE AND FIRE CLASSIFICATION

1504.9 Reflectance
Roof coverings on roofs or setbacks with slope equal to or less than two units vertical in 12 units horizontal (17 percent) shall have:

1. A minimum initial solar reflectance of 0.7 in accordance with ASTM C 1549 or ASTM E 1918, and a minimum thermal emittance of 0.75 as determined in accordance with ASTM C 1371 or ASTM E 408; or
2. A minimum SRI of 82 as determined in accordance with ASTM E 1980.

Exceptions:
1. Terraces on setbacks comprising less than 25 percent of the area of the largest floor plate in the building.

2. Any portion of a roof covered by a green roof system, including such a system with agricultural plantings, in compliance with Section 1507.16 of this code.

3. Any portion of a roof used as outdoor recreation space by the occupants of the building that is landscaped, covered by wood decking or covered with a walking surface or other protective surface, provided that such walking surface or protective surface has a minimum initial solar reflectance of 0.3 as determined in accordance with ASTM C 1549 or ASTM E 1918.

4. Ballasted roofs, provided that the ballast has a minimum initial solar reflectance of 0.2 as determined in accordance with ASTM C 1549 or ASTM E 1918.

5. Any portion of a roof that is under mechanical equipment, duckboarding, decking, platform, roof tank, cooling tower or any other rooftop structure or equipment exempted by rule by the commissioner.

6. Any roof or portion of a roof composed of glass, metal, clay or concrete tile or plastic/rubber intended to simulate clay or concrete tile, wood, or slate.

7. Any portion of a roof used by a school or daycare center as a playground for children.

8. Any roof, if the amount of rooftop space not subject to exceptions 1 through 7 is in the aggregate less than 100 square feet (9.3 m2).

1505.1 General
Roof assemblies shall be divided into the classes defined below. Class A, B and C roof assemblies and roof coverings required to be listed by this section shall be tested in accordance with ASTM E 108 or UL 790. In addition, fire-retardant-treated wood roof coverings shall be tested in accordance with ASTM D 2898. The minimum roof coverings installed on buildings shall comply with Table 1505.1 of this code based on the type of construction of the building.
Exception: Skylights and sloped glazing that comply with Chapter 24 or Section 2610 of this code.

TABLE 1505.1a,b
MINIMUM ROOF COVERING CLASSIFICATION FOR TYPES OF CONSTRUCTION

IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB
B	B	B	B	B	B	B	B	C[b]

1505.3 Class B Roof Assemblies
Class B roof assemblies are those that are effective against moderate fire-test exposure. Class B roof assemblies and roof coverings shall be listed and identified as Class B by an approved testing agency.

SPECIAL INSPECTIONS AND SPECIAL APPLICATIONS

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Ettinger Engineering Associates
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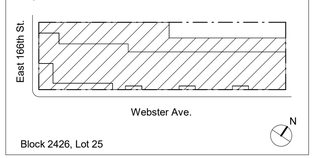
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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General Notes, Plot Plan, Cons. Class

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LEGEND

- Studio Apartment
- 1 Bedroom Apartment
- 2 Bedroom Apartment
- 3 Bedroom Apartment

- HV — Section 504 "UFAS" Unit - For Hearing Or Visually Impaired
- M — Section 504 "UFAS" Unit - For Mobility Impaired

- IH — Inclusionary Housing
- AH — Affordable Housing
- SH — Supportive Housing

- **IH #-BR** — Inclusionary Housing "IH" Unit (Aka 'affordable housing Unit')
- **SH #-BR** — Supportive Housing "SH" Unit

UNIT DISTRIBUTION

8/29/2024

1111 Webster Ave

Floor		Unit Lines ##01	##02	##03	##04	##05	##06	##07	##08	##09	##10	##11	##12	##13	##14	##15	##16	##17	##18	##19	##20	##21	##22	##23	##24	##25	##26	##27	##28	TOTAL UNITS	TOTAL 0BR	TOTAL 1BR	TOTAL 2BR	TOTAL 3BR
11##	#BR	2-BR	0-BR	1-BR	IH 1-BR	2-BR	0-BR	0-BR	1-BR	0-BR	2-BR	IH 1-BR	0-BR	0-BR	1-BR	IH 3-BR	2-BR	1-BR		IH 2-BR	1-BR		2-BR	1-BR					IH 0-BR	22	7	8	6	1
	NET SF	709	381	509	509	699	390	391 M	504	383	704	504	391	391	504	965	741	562		774	552		728	509					402					
10##	#BR	IH 2-BR	0-BR	IH 1-BR	1-BR	IH 2-BR	0-BR	0-BR	IH 1-BR	0-BR	2-BR	1-BR	0-BR	0-BR	1-BR	3-BR	2-BR	1-BR	1-BR	2-BR	1-BR	IH 1-BR	2-BR	1-BR	IH 1-BR	IH 0-BR	2-BR	3-BR	0-BR	28	8	11	7	2
	NET SF	709	381	509	509	699	393	391 M	504	383	704	504	391	391	504	962	737	562	513	774	547 M	513	728	509	522	384	680	939	402					
09##	#BR	2-BR	0-BR	1-BR	IH 1-BR	2-BR	0-BR	0-BR	IH 1-BR	0-BR	2-BR	1-BR	0-BR	0-BR	1-BR	3-BR	2-BR	1-BR	1-BR	2-BR	IH 1-BR	1-BR	2-BR	1-BR	1-BR	IH 0-BR	2-BR	3-BR	0-BR	28	8	11	7	2
	NET SF	709	381	509	509	699	393	391 M	504	383	704	504	391	391	504	962 HV	737	562	513	774	547 M	513	728	509	522	384	680	939	402					
08##	#BR	IH 2-BR	0-BR	1-BR	1-BR	2-BR	0-BR	0-BR	1-BR	0-BR	2-BR	1-BR	0-BR	0-BR	IH 1-BR	3-BR	2-BR	1-BR	IH 1-BR	IH 2-BR	1-BR	IH 1-BR	2-BR	1-BR	1-BR	0-BR	2-BR	3-BR	0-BR	28	8	11	7	2
	NET SF	709	381	509	509	699	393	391 M	504	383	704	504	391	391	504	962	737	562	513	774	547 M	513	728	509 HV	522	384	680	939	402					
07##	#BR	2-BR	0-BR	1-BR	1-BR	IH 2-BR	0-BR	IH 0-BR	1-BR	0-BR	2-BR	1-BR	0-BR	0-BR	IH 1-BR	3-BR	2-BR	1-BR	IH 1-BR	IH 2-BR	1-BR	IH 1-BR	2-BR	1-BR	1-BR	0-BR	2-BR	3-BR	0-BR	28	8	11	7	2
	NET SF	695	378	504	504	691	390	388	500	380	698	500	388	388	500	955	732	554	512	764	544 M	512	718	501	522	381	675 HV	922	395					
06##	#BR	IH 2-BR	IH 0-BR	IH 1-BR	1-BR	2-BR	0-BR	0-BR	1-BR	0-BR	2-BR	1-BR	0-BR	0-BR	1-BR	IH 3-BR	2-BR	1-BR	IH 1-BR	2-BR	IH 1-BR	IH 1-BR	2-BR	1-BR	1-BR	0-BR	IH 2-BR	3-BR	0-BR	28	8	11	7	2
	NET SF	695	378	504	504	691	390	388	500	380	698	500	388	388	500	955	732	554	512	764	544 M	512	718	501	522	381	675 M	922	395					
05##	#BR	IH 2-BR	0-BR	IH 1-BR	1-BR	2-BR	0-BR	0-BR	IH 1-BR	0-BR	2-BR	IH 1-BR	0-BR	0-BR	IH 1-BR	IH 3-BR	2-BR	1-BR	IH 1-BR	2-BR	IH 1-BR	1-BR	2-BR	1-BR	1-BR	0-BR	2-BR	3-BR	0-BR	28	8	11	7	2
	NET SF	695	378	504	504	691	390 HV	388	500	380	698	500	388	388	500	955	732	554	512	764	544 M	512	718	501	522	381	675 M	922	395					
04##	#BR	2-BR	0-BR	1-BR	1-BR	2-BR	0-BR	0-BR	IH 1-BR	0-BR	IH 2-BR	IH 1-BR	0-BR	0-BR	1-BR	IH 3-BR	2-BR	1-BR	1-BR	2-BR	IH 1-BR	1-BR	IH 2-BR	IH 1-BR	IH 1-BR	0-BR	2-BR	3-BR	0-BR	28	8	11	7	2
	NET SF	695	378	504	504	691	390	388	500	380	698	500	388	388	500	955	732	554	512	764	544	512	718	501	522	381	675 M	922	395					
03##	#BR	2-BR	0-BR	1-BR	1-BR	2-BR	0-BR	0-BR	1-BR	0-BR	IH 2-BR	IH 1-BR	0-BR	0-BR	IH 1-BR	IH 3-BR	2-BR	1-BR	IH 1-BR	2-BR	1-BR	1-BR	2-BR	IH 1-BR	IH 1-BR	IH 0-BR	2-BR	IH 3-BR	0-BR	28	8	11	7	2
	NET SF	695	378	504	504	691	390	388	500 HV	380	698	500	388	388	500	955	732	554	512	764	544	512	718	501	522	381	675	922 M	395					
02##	#BR						0-BR	0-BR	IH 1-BR	0-BR	2-BR	1-BR	0-BR	0-BR	IH 1-BR	IH 3-BR	2-BR	1-BR	1-BR	2-BR	1-BR	IH 1-BR	2-BR	1-BR	IH 1-BR					19	5	9	4	1
	NET SF						377	388 HV	500	380	698	500	388	388	500	955	728	552	512	749	544	512	698	501	522									
01##	#BR																																	
	NET SF																																	
TOTALS	UNITS	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	9	10	10	9	8	8	8	9	265	76	105	66	18
	IH UNITS	4	1	3	2	2	0	1	5	0	2	4	0	0	5	6	0	0	4	2	5	4	1	2	4	3	1	1	1	IH UNITS	28.7%	39.6%	24.9%	6.8%
	UFAS (M)	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	3	1	0	UFAS (M)				
	UFAS (HV)	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	UFAS (HV)				

UNIT MIX

Unit Mix: TOTAL IH UNITS	IH %	TOTAL SH UNITS	SH%	UFAS (M)	UFAS (HV)	TOTAL UFAS
5	22.7%	0	0.0%	1	0	1
7	25.0%	0	0.0%	2	0	2
4	14.3%	0	0.0%	2	1	3
5	17.9%	0	0.0%	2	1	3
4	14.3%	0	0.0%	1	1	2
8	28.6%	0	0.0%	2	0	2
8	28.6%	0	0.0%	2	1	3
8	28.6%	0	0.0%	1	0	1
9	32.1%	0	0.0%	1	1	2
5	26.3%	0	0.0%	0	1	1
63	23.8%					
		0				20
				14		
					6	2.3%

Zoning Area & Occupant Load

RES. ZONING FLOOR AREA	RESIDENTIAL AREA (NET)	NET SF OF IH UNITS (LI)	NET SF NON-IH UNITS (MR)	OCCUPANT LOAD
16,000.00	12,203.90	3,153.60	9,050.30	61
16,000.00	15,743.10	3,840.00	11,903.10	79
16,000.00	15,743.10	1,944.20	13,798.90	79
16,000.00	15,743.10	3,012.90	12,730.20	79
16,000.00	15,590.70	2,123.10	13,467.60	78
16,000.00	15,590.70	4,775.10	10,815.60	78
16,000.00	15,590.70	4,710.10	10,880.60	78
16,000.00	15,590.70	4,938.20	10,652.50	78
16,000.00	15,590.70	5,491.00	10,099.70	78
16,000.00	10,392.00	2,989.00	7,403.00	52
160,000 SF	147,779 SF	36,977 SF	110,802 SF	739

IH CALCULATIONS

AVERAGE UNIT SIZE - ZR 23-96(d)(1)

Average Unit Size by Type

	Whole Building Area	Whole Building #-BR	Whole Building # Units / Total Units	Inclusionary Housing Area	Inclusionary Housing IH #-BR	Inclusionary Housing IH #-BR / #-BR	Non-Inclusionary Housing Area	Non-Inclusionary Housing nIH #-BR	Non-Inclusionary Housing nIH #-BR / #-BR
0-BR	387 SF	76 units	28.7%	386 SF	6 units	7.9%	387 SF	70 units	92.1%
1-BR	516 SF	105 units	39.6%	512 SF	38 units	36.2%	518 SF	67 units	63.8%
2-BR	715 SF	66 units	24.9%	711 SF	12 units	18.2%	716 SF	54 units	81.8%
3-BR	945 SF	18 units	6.8%	952 SF	7 units	38.9%	941 SF	11 units	61.1%
TOTALS	558 SF	265 units	100.0%	587 SF	63 units	23.8%	483 SF	202 units	76.2%

Total Unit Area by Type

	Whole Building Area	Whole Building % of Total Unit Area	Inclusionary Housing Area	Inclusionary Housing IH % of #-BR Total	Non-Inclusionary Housing Area	Non-Inclusionary Housing nIH % of #-BR Total
0-BR	29,440 SF	19.9%	2,317 SF	7.9%	27,123 SF	92.1%
1-BR	54,147 SF	36.6%	19,464 SF	35.9%	34,683 SF	64.1%
2-BR	47,184 SF	31.9%	8,535 SF	18.1%	38,649 SF	81.9%
3-BR	17,008 SF	11.5%	6,662 SF	39.2%	10,346 SF	60.8%
TOTALS	147,779 SF	100.0%	36,977 SF	25.0%	110,802 SF	75.0%

BEDROOM MIX - ZR 23-96(c)(1)(i)

Bedroom Mix

	Whole Building #-BR	Whole Building # Units / Total Units	Inclusionary Housing IH #-BR	Inclusionary Housing IH #-BR / #-BR	Non-Inclusionary Housing nIH #-BR	Non-Inclusionary Housing nIH #-BR / #-BR
0-BR	76 units	28.7%	6 units	9.5%	70 units	34.7%
1-BR	105 units	39.6%	38 units	60.3%	67 units	33.2%
2-BR	66 units	24.9%	12 units	19.0%	54 units	26.7%
3-BR	18 units	6.8%	7 units	11.1%	11 units	5.4%
TOTALS	265 units	100.0%	63 units	100.0%	202 units	100.0%

BEDROOM MIX - ZR 23-96(c)(1)(ii)

IH: 2BR+3BR

19 units

30.2% **> 50% = Complies**

IH: 1BR+2BR+3BR

57 units

90.5% **> 75% = Complies**

UFAS SECTION 504

Mobility Impaired Units:

5% Mobility Impaired Units Required = 265 x 5% = 14 Units

Total MI Studio Provided: 4 (0807, 0907, 1007, 1107)
Total MI 1BR Provided: 6 (0520, 0620, 0720, 0820, 0920, 1020)
Total MI 2BR Provided: 3 (0426, 0526, 0626)
Total MI 3BR Provided: 1 (0327)
14 MI Units Provided - Complies

Hearing / Vision Impaired Units:

2% Hearing / Vision Impaired Units Required = 265 x 2% = 6 Units

Total HV Studio Provided: 2 0207, 0506)
Total HV 1BR Provided: 2 (0308, 0823)
Total HV 2BR Provided: 1 (0726)
Total HV 3BR Provided: 1 (0915)
6 HV Units Provided - Complies

NOTES

TWO OPTIONS

1 SECTION 504 / "UFAS" UNITS: PURSUANT TO CHAPTER 11 OF THE NYC BUILDING CODE AND SECTION 504 OF THE REHABILITATION ACT OF 1973 (29 U.S.C. 794):
REQUIRED MOBILITY-IMPAIRED UNITS: 5%, REQUIRED HEARING OR VISUALLY-IMPAIRED UNITS: 2% --> COMPLIES: SEE TABLE "TOTAL UFAS UNITS" COLUMN

2 INCLUSIONARY HOUSING - APPLICABILITY: PROJECT IS LOCATED IN A MANDATORY INCLUSIONARY HOUSING DISTRICT, PER NYC ZONING ZR 23-933.
SITE IS LOCATED WITHIN BRONX COMMUNITY DISTRICT 4; REFER TO ASSOCIATED MAP 3, APPENDIX F OF NYC ZONING TEXT.
OPTION 1 IS SELECTED - 25% OF UNITS

3 INCLUSIONARY HOUSING - FLOOR DISTRIBUTION: PER ZR 23-96(b)(1), AFFORDABLE HOUSING UNITS SHALL BE DISTRIBUTED ON NOT LESS THAN 65% OF RESIDENTIAL STORIES
PROPOSED UNITS ARE DISTRIBUTED ON 100% OF RESIDENTIAL STORIES.

4 INCLUSIONARY HOUSING - MAX UNITS PER FLOOR: PER ZR 23-96(b)(2), NOT MORE THAN 1/3 OF THE DWELLING UNITS ON ANY STORY SHALL BE AFFORDABLE HOUSING UNITS
SEE DISTRIBUTION TABLE, "IH # OF UNITS %" COLUMN --> COMPLIES

5 INCLUSIONARY HOUSING - DISTRIBUTION BY # OF BEDROOMS: PER ZR 23-96(c)(1)(ii), NOT LESS THAN 50% OF AFFORDABLE UNITS SHALL CONTAIN 2 OR MORE BEDROOMS, AND NOT LESS THAN 75% OF UNITS SHALL CONTAIN 1 OR MORE BEDROOMS.
SEE 'AVERAGE UNIT SIZE' TABLE (SUMMARY AT FAR RIGHT) --> COMPLIES

6 INCLUSIONARY HOUSING - UNIT SIZES: PER ZR 23-96(d)(1), THE MIN. SIZES FOR IH UNITS ARE 400 SF FOR 0-BR, 575 SF FOR 1-BR, 775 SF FOR 2-BR, AND 950 SF FOR 3-BR, OR THE AVERAGE SIZE OF IH UNITS OF A PARTICULAR BEDROOM COUNT MUST NOT BE LESS THAN THE AVERAGE SIZE OF NON-IH UNITS, WHICHEVER IS LESS
SEE 'AVERAGE UNIT SIZE' TABLE --> COMPLIES (USING AVERAGE SIZE COMPARED TO NON-IH UNITS'

7 INCLUSIONARY HOUSING - % AREA OF AFFORDABLE UNITS (OPTION 1): PER ZR 12-154(d)(3)(ii), 25% OF RESIDENTIAL FLOOR AREA, MINIMUM, MUST BE AFFORDABLE
SEE AFHA CALCULATION --> COMPLIES

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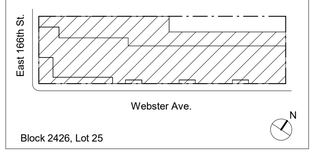
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Unit Distribution Table

Date	08/30/2024
Scale	
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

G-003.00

EGRESS LEGEND

- EXIT SIGN
- 1-HR RATED WALL
- 2-HR RATED WALL
- 3-HR RATED WALL
- MAX TRAVEL DISTANCE
- COMMON PATH OF TRAVEL

EGRESS - GENERAL NOTES:

MAX COMMON PATH OF TRAVEL PERMITTED PER BC 1006.2.1:
M = 75'-0" (SPRINKLERED)
R-2 = 125'-0" (SPRINKLERED)

MAX EXIT ACCESS TRAVEL DISTANCE PERMITTED PER BC TABLE 1017.2:
R-2, M = 200'-0" (SPRINKLERED)

MAX DEAD END IN CORRIDOR PERMITTED PER BC 1020.4:
M = 50'-0" (SPRINKLERED)
R-2 = 80'-0" (EXCEPTION 4)

Travel Distances - Cellar

Path ID	Line Type	Travel Distance
00-C1	Common Path of Travel	49' - 8"
00-C2	Common Path of Travel	29' - 0"
00-C3	Common Path of Travel	37' - 6"
00-D1	Dead End	29' - 0"
00-D2	Dead End	12' - 3"
00-T1	Travel Distance	55' - 1"
00-T2	Travel Distance	57' - 6"

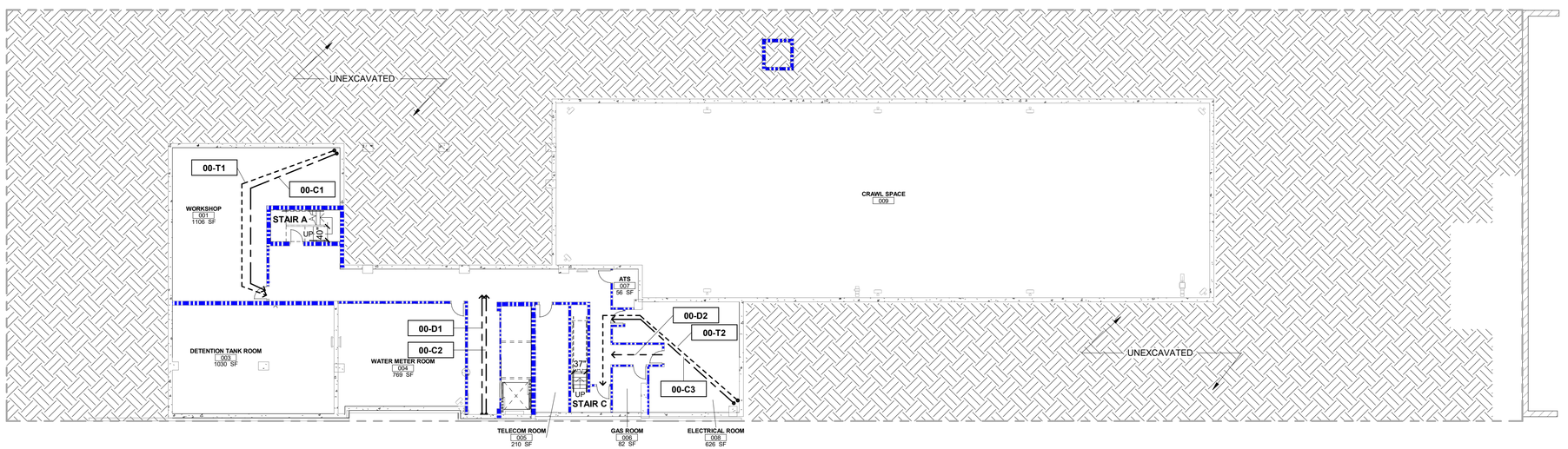
Egress Width - Cellar

	Stair Width Capacity		Door Width Capacity		Max. Occupant Load (p)
	Stair Width Calculation	Occupant Load (p)	Door Width Calculation	Occupant Load (p)	
Stair A	40" / 0.3" =	133	34" / 0.2" =	170	133
Stair C	37" / 0.3" =	123	34" / 0.2" =	170	123
Total Floor Occupants = 17 < 256					

* Clear opening for 36" door assumed to be 34"

Occupancy Load - Cellar

Rm. No.	Name	Area	Use Group	Occupancy	Room Occupancy	SF per Person	Occupany S.F. Type	Occupants
Circulation (Corridors)								
009	CRAWL SPACE	7353.1 SF			(none)			
Residential								
001	WORKSHOP	1106.4 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	4
003	DETENTION TANK ROOM	1030.2 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	4
004	WATER METER ROOM	769.5 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	3
005	TELECOM ROOM	210.5 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
006	GAS ROOM	82.4 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
007	ATS	56.0 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
008	ELECTRICAL ROOM	625.9 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	3
		11234.0 SF						17



C1 Cellar-Egress
1/16" = 1'-0"

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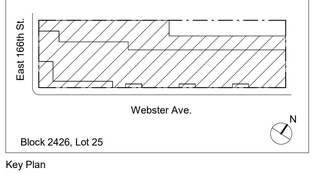
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Revisions:

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Issue: Pricing Set

Key Plan:



Key Plan

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Occupancy Summary, Egress Diagrams and Tabulations

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

G-004.00

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MAX DEAD END IN CORRIDOR PERMITTED PER BC 1020.4:
M = 50'-0" (SPRINKLERED)
R-2 = 80'-0" (EXCEPTION 4)

Travel Distances - Level 1

Path ID	Line Type	Travel Distance
01-C2	Common Path of Travel	166' - 7"
01-C4	Common Path of Travel	15' - 0"
01-T1	Travel Distance	91' - 1"
01-T2	Travel Distance	153' - 0"
01-T3	Travel Distance	134' - 7"
01-T4	Travel Distance	187' - 7"

Occupancy Load - Level 1

Rm. No.	Name	Area	Use Group	Occupancy	Room Occupancy	SF per Person	Occupany S.F. Type	Occupants
Commercial								
121	RETAIL	16983.8 SF	6A	M	Mercantile - Basement and Grade Floor Areas	30	Gross	567
131	LOADING DOCK	1147.3 SF	6A	M	Mercantile - Storage, Stock, Shipping Areas	300	Gross	4
		18131.1 SF						571
Community Facility								
CF-01	COMMUNITY FACILITY	5010.3 SF	4A	E	Educational Classroom area	20	Net	251
		5010.3 SF						251
Residential								
103	MAIL	573.9 SF	2	R-2	Residential	200	Gross	3
104	PACKAGE RM.	243.4 SF	2	S-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
105	STAFF RM.	174.1 SF	2	R-2	Locker Rooms	50	Gross	4
105A	STAFF W.C.	41.7 SF	2	R-2	Locker Rooms	50	Gross	1
106	BIKE STORAGE	1590.8 SF	2	S-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	6
107	COMPACTOR ROOM	1227.0 SF	2	U	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	5
107A	ORGANICS	105.3 SF	2	U	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
107B	SUMP PUMP	69.6 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
		4025.9 SF						22
		27167.2 SF						844

Exit 1 Load Tabulations

		Occupant Load	Door Width Calculation	Max Occupant Load
Comm. Facility	50% of Community Facility 50% of 251	126	34"* / 0.2"	170
Total		126 < 170 COMPLIES		

Exit 2 Load Tabulations

		Occupant Load	Door Width Calculation	Max Occupant Load
Comm. Facility	50% of Community Facility 50% of 251	126	70"* / 0.2"	350
Total		126 < 350 COMPLIES		

Exit 3 Load Tabulations

		Occupant Load	Door Width Calculation	Max Occupant Load
Stair A	(50% of Level 2) + (50% of Cellar) (50% of 158) + (50% of 17)	88	70"* / 0.2"	350
Res BOH	100% of Bicycle Room, Staff Rm, Sump Pump 100% of 12	12		
Res Lobby	100% of Package, Mail 100% of 4	4		
Total		104 < 350 COMPLIES		

Exit 4 Load Tabulations

		Occupant Load	Door Width Calculation	Max Occupant Load
Stair C	50% of Cellar 50% of 17	9	34"* / 0.2"	170
Res BOH	100% of Comp. & Organics Rooms 100% of 6	6	34"* / 0.2"	170
Total		15 < 170 COMPLIES		

Exit 5 Load Tabulations

		Occupant Load	Door Width Calculation	Max Occupant Load
Retail	33% of Retail 33% of 567	189	70"* / 0.2"	350
Total		189 < 350 COMPLIES		

Exit 6 Load Tabulations

		Occupant Load	Door Width Calculation	Max Occupant Load
Retail	33% of Retail 33% of 567	189	70"* / 0.2"	350
Total		189 < 350 COMPLIES		

Exit 7 Load Tabulations

		Occupant Load	Door Width Calculation	Max Occupant Load
Retail	33% of Retail 33% of 567	189	70"* / 0.2"	350
Total		189 < 350 COMPLIES		

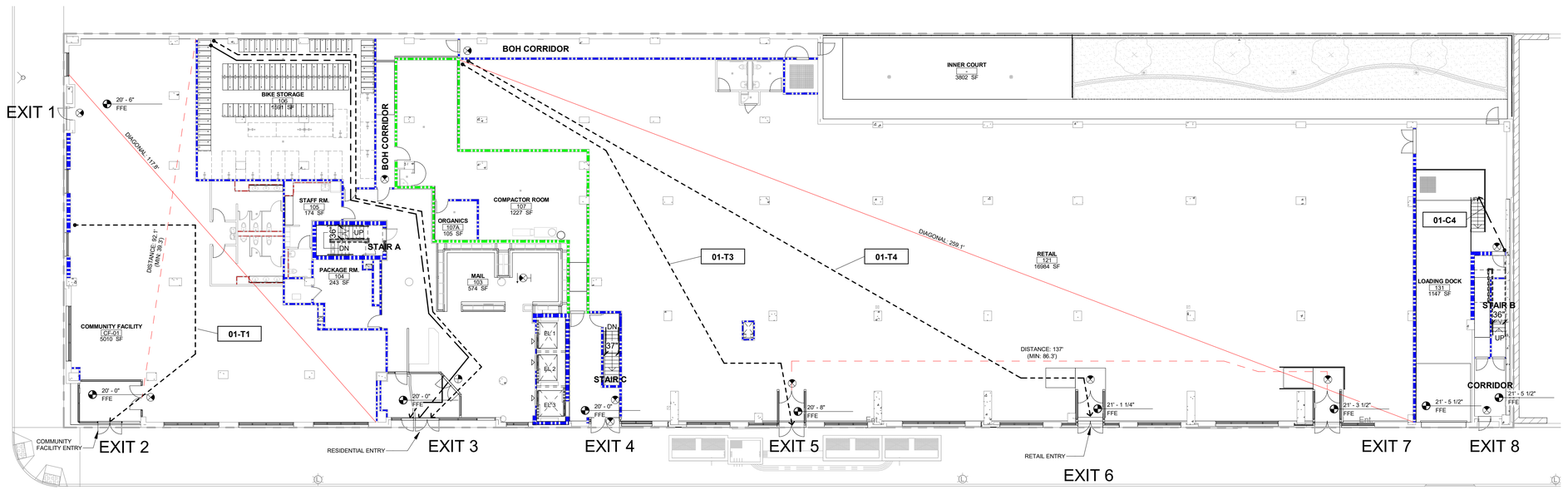
Exit 8 Load Tabulations

		Occupant Load	Door Width Calculation	Max Occupant Load
Stair B	50% of Level 2 50% of 158	79	34"* / 0.2"	170
Retail Loading		4		
Total		83 < 170 COMPLIES		

Stair Exit Discharge Load Tabulations

		Occupant Load
Stair A	(50% of Level 2) + (50% of Cellar) (50% of 158) + (50% of 17)	88
Stair B	50% of Level 2 50% of 158	79
Stair C	50% of Cellar 50% of 17	9

Max occupancy at Level 2 for Stair A & B. Refer to G-006 for occupancy load calculations



C1 Level 1-Egress
1/16" = 1'-0"

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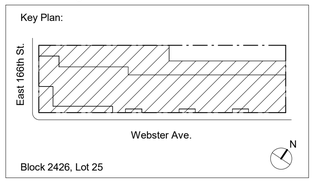
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Occupancy Summary, Egress Diagrams and Tabulations

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

G-005.00

EGRESS LEGEND

- EXIT SIGN
- 1-HR RATED WALL
- 2-HR RATED WALL
- 3-HR RATED WALL
- MAX TRAVEL DISTANCE
- COMMON PATH OF TRAVEL

EGRESS - GENERAL NOTES:

MAX COMMON PATH OF TRAVEL PERMITTED PER BC 1006.2.1:
M = 75'-0" (SPRINKLERED)
R-2 = 125'-0" (SPRINKLERED)

MAX EXIT ACCESS TRAVEL DISTANCE PERMITTED PER BC TABLE 1017.2:
R-2, M = 200'-0" (SPRINKLERED)

MAX DEAD END IN CORRIDOR PERMITTED PER BC 1020.4:
M = 50'-0" (SPRINKLERED)
R-2 = 80'-0" (EXCEPTION 4)

Travel Distances - Level 2

Path ID	Line Type	Travel Distance
02-C1	Common Path of Travel	99' - 1"
02-C2	Travel Distance	25' - 5"
02-C3	Common Path of Travel	29' - 7"
02-C4	Common Path of Travel	138' - 0"
02-C5	Common Path of Travel	120' - 4"
02-D1	Dead End	27' - 5"
02-T1	Travel Distance	98' - 4"
02-T2	Travel Distance	160' - 8"
02-T3	Travel Distance	168' - 7"
02-T4	Travel Distance	172' - 3"
02-T5	Travel Distance	139' - 4"

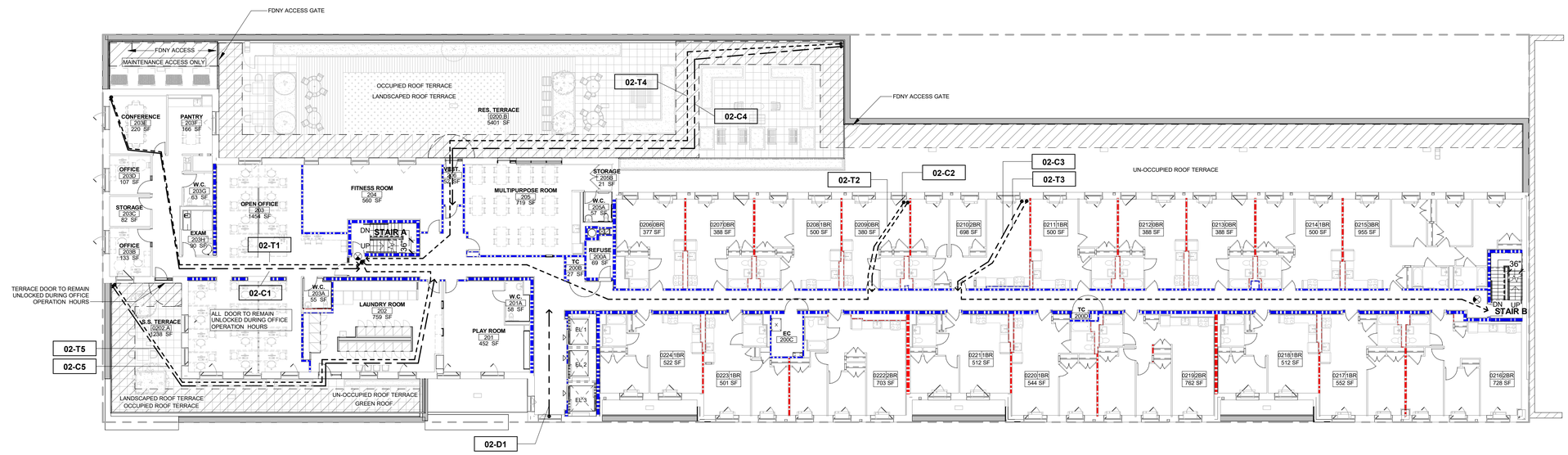
Egress Width - Level 2

	Stair Width Capacity		Door Width Capacity		Max. Occupant Load (p)
	Stair Width Calculation	Occupant Load (p)	Door Width Calculation	Occupant Load (p)	
Stair A	36" / 0.3" =	120	34" / 0.2" =	170	120
Stair B	36" / 0.3" =	120	34" / 0.2" =	170	120
Total Floor Occupants = 158 <					240

* Clear opening for 36" door assumed to be 34"

Occupancy Load - Level 2

Rm. No.	Name	Area	Use Group	Occupancy	Room Occupancy	SF per Person	Occupany S.F. Type	Occupants
Residential								
0200.B	RES. TERRACE	5400.7 SF	2	R-2	Residential Amenity - R-2 Accessory - Rooftop or Terrace	200	Gross	28
201	PLAY ROOM	451.9 SF	2	R-2	Residential Amenity - R-2 Accessory - Indoor Unconcentrated	50	Gross	10
202	LAUNDRY ROOM	758.7 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	3
0202.A	S.S. TERRACE	1238.5 SF	2	B	Residential Amenity - R-2 Accessory - Rooftop or Terrace	200	Gross	7
203	OPEN OFFICE	1454.0 SF	2	B	Business Areas	100	Gross	15
203B	OFFICE	132.9 SF	2	B	Business Areas	100	Gross	2
203D	OFFICE	107.4 SF	2	B	Business Areas	100	Gross	2
203E	CONFERENCE	220.1 SF	2	B	Business Areas	100	Gross	3
203F	PANTRY	165.9 SF	2	B	Business Areas	100	Gross	2
203H	EXAM	89.9 SF	2	B	Business Areas	100	Gross	1
204	FITNESS ROOM	559.6 SF	2	R-2	Residential Amenity - R-2 Accessory - Indoor Unconcentrated	50	Gross	12
205	MULTIPURPOSE ROOM	719.1 SF	2	R-2	Residential Amenity - R-2 Accessory - Indoor Unconcentrated	50	Gross	15
0206	0BR	376.9 SF	2	R-2	Residential	200	Gross	2
0207	0BR	387.9 SF	2	R-2	Residential	200	Gross	2
0208	1BR	500.4 SF	2	R-2	Residential	200	Gross	3
0209	0BR	380.1 SF	2	R-2	Residential	200	Gross	2
0210	2BR	698.4 SF	2	R-2	Residential	200	Gross	4
0211	1BR	500.4 SF	2	R-2	Residential	200	Gross	3
0212	0BR	387.7 SF	2	R-2	Residential	200	Gross	2
0213	0BR	387.7 SF	2	R-2	Residential	200	Gross	2
0214	1BR	500.4 SF	2	R-2	Residential	200	Gross	3
0215	3BR	954.8 SF	2	R-2	Residential	200	Gross	5
0216	2BR	728.0 SF	2	R-2	Residential	200	Gross	4
0217	1BR	551.9 SF	2	R-2	Residential	200	Gross	3
0218	1BR	512.2 SF	2	R-2	Residential	200	Gross	3
0219	2BR	761.8 SF	2	R-2	Residential	200	Gross	4
0220	1BR	544.1 SF	2	R-2	Residential	200	Gross	3
0221	1BR	512.2 SF	2	R-2	Residential	200	Gross	3
0222	2BR	703.2 SF	2	R-2	Residential	200	Gross	4
0223	1BR	500.8 SF	2	R-2	Residential	200	Gross	3
0224	1BR	521.8 SF	2	R-2	Residential	200	Gross	3
		21709.5 SF						158



C1 Level 2 Egress
1/16" = 1'-0"

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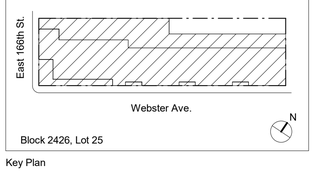
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Occupancy Summary, Egress Diagrams and Tabulations

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

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Sheet No.:

G-006.00

EGRESS LEGEND

- EXIT SIGN
- 1-HR RATED WALL
- 2-HR RATED WALL
- 3-HR RATED WALL
- MAX TRAVEL DISTANCE
- COMMON PATH OF TRAVEL

EGRESS - GENERAL NOTES:

MAX COMMON PATH OF TRAVEL PERMITTED PER BC 1006.2.1:
M = 75'-0" (SPRINKLERED)
R-2 = 125'-0" (SPRINKLERED)

MAX EXIT ACCESS TRAVEL DISTANCE PERMITTED PER BC TABLE 1017.2:
R-2, M = 200'-0" (SPRINKLERED)

MAX DEAD END IN CORRIDOR PERMITTED PER BC 1020.4:
M = 50'-0" (SPRINKLERED)
R-2 = 80'-0" (EXCEPTION 4)

Travel Distances - Levels 3-10

Path ID	Line Type	Travel Distance
03-C1	Common Path of Travel	96' - 10"
03-C2	Travel Distance	26' - 1"
03-C3	Common Path of Travel	29' - 10"
03-D1	Dead End	58' - 9"
03-D2	Dead End	29' - 6"
03-T1	Travel Distance	97' - 11"
03-T2	Travel Distance	162' - 1"
03-T3	Travel Distance	168' - 1"

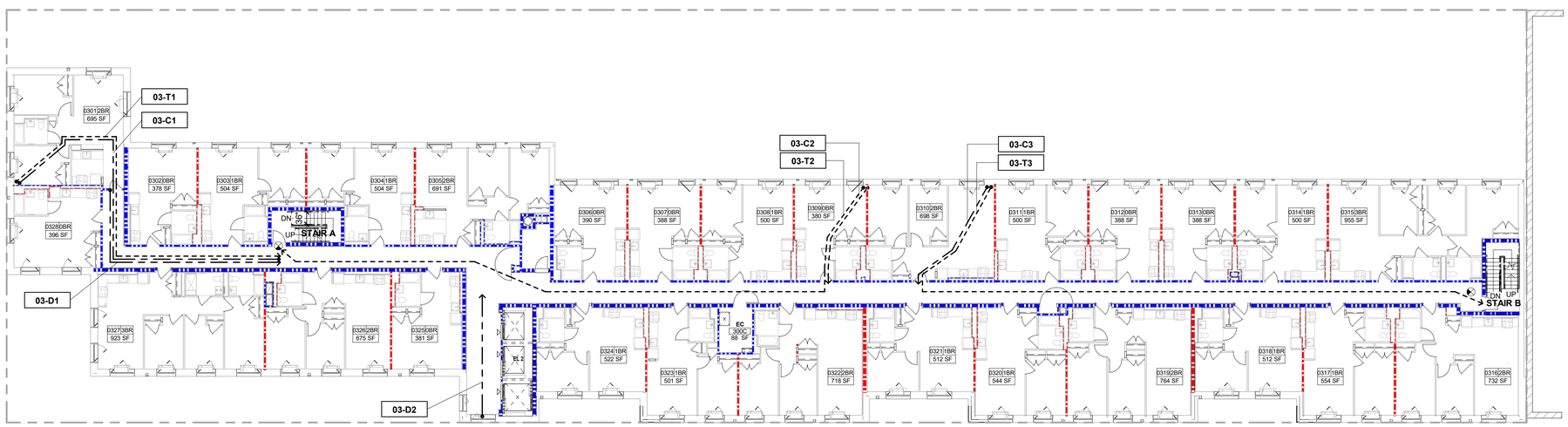
Egress Width - Levels 3-10

	Stair Width Capacity		Door Width Capacity		Max. Occupant Load (p)
	Stair Width Calculation	Occupant Load (p)	Door Width Calculation	Occupant Load (p)	
Stair A	36" / 0.3" =	120	34" / 0.2" =	170	120
Stair B	36" / 0.3" =	120	34" / 0.2" =	170	120
Total Floor Occupants = 91 < 240					

* Clear opening for 36" door assumed to be 34"

Occupancy Load- Levels 3-10

Rm. No.	Name	Area	Use Group	Occupancy	Room Occupancy	SF per Person	Occupany S.F. Type	Occupants
Residential								
300A	REFUSE	69.2 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
300B	TC	6.7 SF	2	U	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
300C	EC	88.0 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
300D	TC	6.7 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
0301	2BR	694.9 SF	2	R-2	Residential	200	Gross	4
0302	0BR	378.2 SF	2	R-2	Residential	200	Gross	2
0303	1BR	504.2 SF	2	R-2	Residential	200	Gross	3
0304	1BR	504.2 SF	2	R-2	Residential	200	Gross	3
0305	2BR	690.8 SF	2	R-2	Residential	200	Gross	4
0306	0BR	389.9 SF	2	R-2	Residential	200	Gross	2
0307	0BR	387.9 SF	2	R-2	Residential	200	Gross	2
0308	1BR	500.4 SF	2	R-2	Residential	200	Gross	3
0309	0BR	380.1 SF	2	R-2	Residential	200	Gross	2
0310	2BR	698.4 SF	2	R-2	Residential	200	Gross	4
0311	1BR	500.4 SF	2	R-2	Residential	200	Gross	3
0312	0BR	387.7 SF	2	R-2	Residential	200	Gross	2
0313	0BR	387.7 SF	2	R-2	Residential	200	Gross	2
0314	1BR	500.4 SF	2	R-2	Residential	200	Gross	3
0315	3BR	954.8 SF	2	R-2	Residential	200	Gross	5
0316	2BR	731.7 SF	2	R-2	Residential	200	Gross	4
0317	1BR	553.6 SF	2	R-2	Residential	200	Gross	3
0318	1BR	512.2 SF	2	R-2	Residential	200	Gross	3
0319	2BR	764.4 SF	2	R-2	Residential	200	Gross	4
0320	1BR	544.1 SF	2	R-2	Residential	200	Gross	3
0321	1BR	512.2 SF	2	R-2	Residential	200	Gross	3
0322	2BR	718.1 SF	2	R-2	Residential	200	Gross	4
0323	1BR	500.8 SF	2	R-2	Residential	200	Gross	3
0324	1BR	521.8 SF	2	R-2	Residential	200	Gross	3
0325	0BR	381.3 SF	2	R-2	Residential	200	Gross	2
0326	2BR	675.0 SF	2	R-2	Residential	200	Gross	4
0327	3BR	922.5 SF	2	R-2	Residential	200	Gross	5
0328	0BR	395.6 SF	2	R-2	Residential	200	Gross	2
		15764.3 SF						91



C1 Level 3-10 Egress
1/16" = 1'-0"

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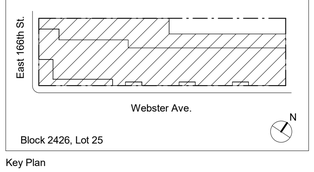
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Occupancy Summary, Egress Diagrams and Tabulations

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Scale	As indicated
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Checked By	DA
Project No.	2231

Seal

Sheet No.:

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EGRESS LEGEND

- EXIT SIGN
- 1-HR RATED WALL
- 2-HR RATED WALL
- 3-HR RATED WALL
- MAX TRAVEL DISTANCE
- COMMON PATH OF TRAVEL

EGRESS - GENERAL NOTES:

MAX COMMON PATH OF TRAVEL PERMITTED PER BC 1006.2.1:
M = 75'-0" (SPRINKLERED)
R-2 = 125'-0" (SPRINKLERED)

MAX EXIT ACCESS TRAVEL DISTANCE PERMITTED PER BC TABLE 1017.2:
R-2, M = 200'-0" (SPRINKLERED)

MAX DEAD END IN CORRIDOR PERMITTED PER BC 1020.4:
M = 50'-0" (SPRINKLERED)
R-2 = 80'-0" (EXCEPTION 4)

Travel Distances - Level 11

Path ID	Line Type	Travel Distance
10-C1	Common Path of Travel	96' - 10"
10-C2	Travel Distance	25' - 7"
10-C3	Common Path of Travel	29' - 10"
10-D1	Dead End	58' - 2"
10-D2	Dead End	29' - 6"
10-T1	Travel Distance	98' - 1"
10-T2	Travel Distance	161' - 1"
10-T3	Travel Distance	168' - 0"

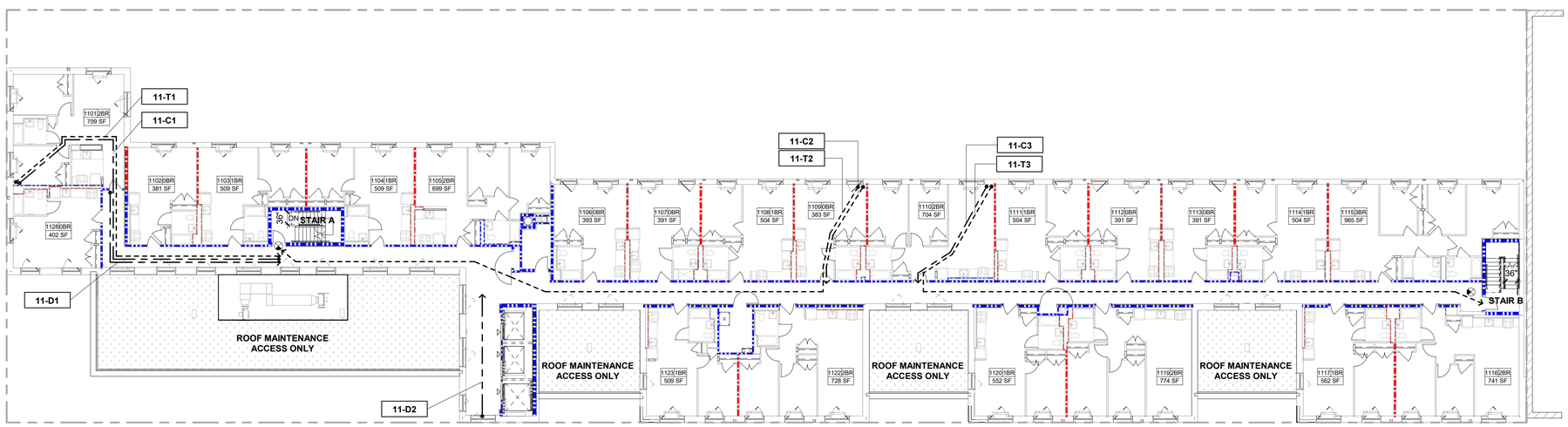
Egress Width - Level 11

	Stair Width Capacity		Door Width Capacity		Max. Occupant Load (p)
	Stair Width Calculation	Occupant Load (p)	Door Width Calculation	Occupant Load (p)	
Stair A	36" / 0.3" =	120	34" / 0.2" =	170	120
Stair B	36" / 0.3" =	120	34" / 0.2" =	170	120
Total Floor Occupants = 72 <					240

* Clear opening for 36" door assumed to be 34"

Occupancy - Level 11

Rm. No.	Name	Area	Use Group	Occupancy	Room Occupancy	SF per Person	Occupany S.F. Type	Occupants
Residential								
1100A	REFUSE	71.6 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
1100B	TC	8.6 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
1100C	EC	88.0 SF	2	U	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
1100D	TC	6.7 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
1101	2BR	708.5 SF	2	R-2	Residential	200	Gross	4
1102	0BR	381.0 SF	2	R-2	Residential	200	Gross	2
1103	1BR	508.5 SF	2	R-2	Residential	200	Gross	3
1104	1BR	508.5 SF	2	R-2	Residential	200	Gross	3
1105	2BR	698.9 SF	2	R-2	Residential	200	Gross	4
1106	0BR	392.9 SF	2	R-2	Residential	200	Gross	2
1107	0BR	390.9 SF	2	R-2	Residential	200	Gross	2
1108	1BR	504.1 SF	2	R-2	Residential	200	Gross	3
1109	0BR	383.0 SF	2	R-2	Residential	200	Gross	2
1110	2BR	703.5 SF	2	R-2	Residential	200	Gross	4
1111	1BR	504.1 SF	2	R-2	Residential	200	Gross	3
1112	0BR	390.6 SF	2	R-2	Residential	200	Gross	2
1113	0BR	390.6 SF	2	R-2	Residential	200	Gross	2
1114	1BR	504.1 SF	2	R-2	Residential	200	Gross	3
1115	3BR	964.6 SF	2	R-2	Residential	200	Gross	5
1116	2BR	740.7 SF	2	R-2	Residential	200	Gross	4
1117	1BR	561.8 SF	2	R-2	Residential	200	Gross	3
1119	2BR	773.9 SF	2	R-2	Residential	200	Gross	4
1120	1BR	552.2 SF	2	R-2	Residential	200	Gross	3
1122	2BR	727.6 SF	2	R-2	Residential	200	Gross	4
1123	1BR	508.9 SF	2	R-2	Residential	200	Gross	3
1128	0BR	401.7 SF	2	R-2	Residential	200	Gross	3
		12375.5 SF						72



C1 Level 11 Egress
1/16" = 1'-0"

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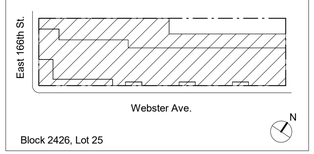
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Occupancy Summary, Egress Diagrams and Tabulations

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

G-008.00

EGRESS LEGEND

- EXIT SIGN
- 1-HR RATED WALL
- 2-HR RATED WALL
- 3-HR RATED WALL
- MAX TRAVEL DISTANCE
- COMMON PATH OF TRAVEL

EGRESS - GENERAL NOTES:

MAX COMMON PATH OF TRAVEL PERMITTED PER BC 1006.2.1:
M = 75'-0" (SPRINKLERED)
R-2 = 125'-0" (SPRINKLERED)

MAX EXIT ACCESS TRAVEL DISTANCE PERMITTED PER BC TABLE 1017.2:
R-2, M = 200'-0" (SPRINKLERED)

MAX DEAD END IN CORRIDOR PERMITTED PER BC 1020.4:
M = 50'-0" (SPRINKLERED)
R-2 = 80'-0" (EXCEPTION 4)

Travel Distances - Roof

Path ID	Line Type	Travel Distance

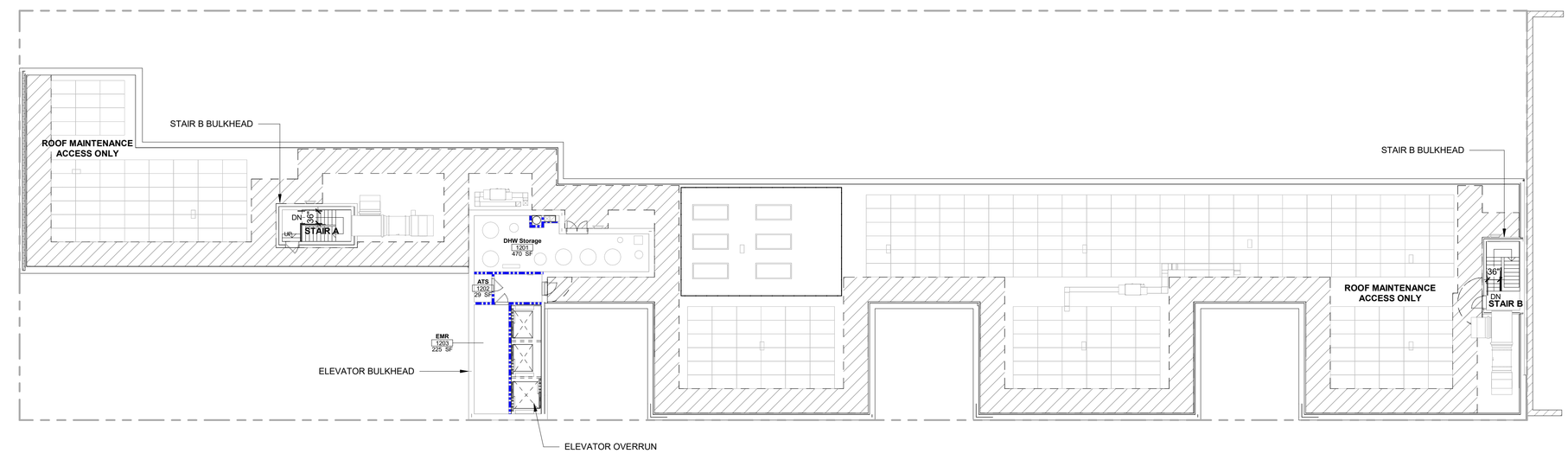
Occupancy Load - Roof

Rm. No.	Name	Area	Use Group	Occupancy	Room Occupancy	SF per Person	Occupany S.F. Type	Occupants
Residential								
1201	DHW Storage	469.9 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	2
1202	ATS	29.2 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
1203	EMR	224.7 SF	2	R-2	Accessory Storage Areas, Mechanical Equipment Room	300	Gross	1
		723.8 SF						4

Egress Width - Roof

	Stair Width Capacity		Door Width Capacity		Max. Occupant Load (p)
	Stair Width Calculation	Occupant Load (p)	Door Width Calculation	Occupant Load (p)	
Stair A	36" / 0.3" =	120	34" / 0.2" =	170	120
Stair B	36" / 0.3" =	120	34" / 0.2" =	170	120
Total Floor Occupants = 3 <					240

* Clear opening for 36" door assumed to be 34"



C1 Roof Egress
1/16" = 1'-0"

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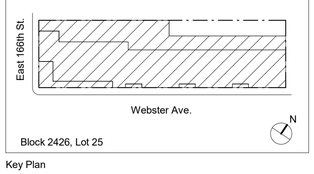
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Occupancy Summary, Egress Diagrams and Tabulations

Date	08/30/2024
Scale	As indicated
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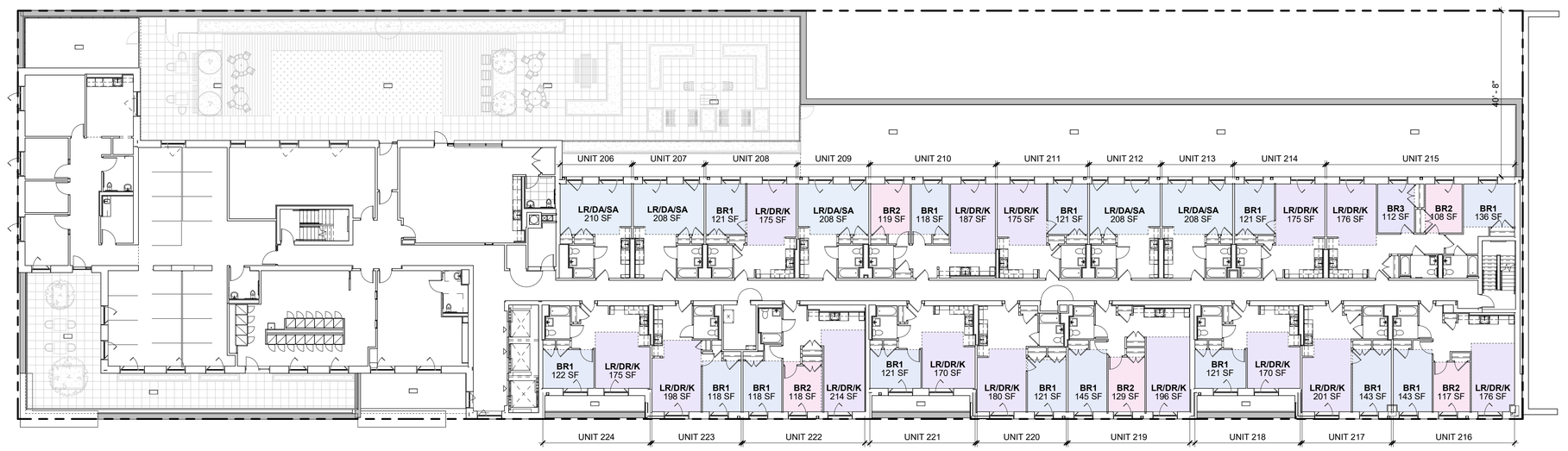
Seal

Sheet No.:

G-009.00

Light & Air Calculations - Level 2								
			Light Areas			Air Areas		
Room Name	Room Area	Window Type	Required	Provide	Provided %	Required	Provided	Provided %
206								
LR/DA/SA	210.1 SF	Multiple, see plans	21.0 SF	50.6 SF	24%	10.5 SF	37.1 SF	18%
207								
LR/DA/SA	208.4 SF	Multiple, see plans	20.8 SF	50.6 SF	24%	10.4 SF	37.1 SF	18%
208								
BR1	120.6 SF	W2	12.1 SF	23.6 SF	20%	6.0 SF	20.1 SF	17%
LR/DR/K	175.1 SF	W1	17.5 SF	31.1 SF	18%	8.8 SF	20.3 SF	12%
209								
LR/DA/SA	208.4 SF	Multiple, see plans	20.8 SF	50.6 SF	24%	10.4 SF	37.1 SF	18%
210								
BR1	118.2 SF	W2	11.8 SF	23.6 SF	20%	5.9 SF	20.1 SF	17%
BR2	119.4 SF	W2	11.9 SF	23.6 SF	20%	6.0 SF	20.1 SF	17%
LR/DR/K	186.9 SF	W1	18.7 SF	31.1 SF	17%	9.3 SF	20.3 SF	11%
311								
BR1	120.6 SF	W2	12.1 SF	23.6 SF	20%	6.0 SF	20.1 SF	17%
LR/DR/K	175.1 SF	W1	17.5 SF	31.1 SF	18%	8.8 SF	20.3 SF	12%
312								
LR/DA/SA	208.2 SF	Multiple, see plans	20.8 SF	50.6 SF	24%	10.4 SF	37.1 SF	18%
313								
LR/DA/SA	208.2 SF	Multiple, see plans	20.8 SF	50.6 SF	24%	10.4 SF	37.1 SF	18%
314								
BR1	120.6 SF	W2	12.1 SF	23.6 SF	20%	6.0 SF	20.1 SF	17%
LR/DR/K	175.1 SF	W1	17.5 SF	31.1 SF	18%	8.8 SF	20.3 SF	12%
315								
BR1	135.5 SF	W2	13.6 SF	23.6 SF	17%	6.8 SF	20.1 SF	15%
BR2	108.2 SF	W2	10.8 SF	23.6 SF	22%	5.4 SF	20.1 SF	19%
BR3	112.0 SF	W2	11.2 SF	23.6 SF	21%	5.6 SF	20.1 SF	18%
LR/DR/K	176.2 SF	W1	17.6 SF	31.1 SF	18%	8.8 SF	20.3 SF	12%

Light & Air Calculations - Level 2								
			Light Areas			Air Areas		
Room Name	Room Area	Window Type	Required	Provide	Provided %	Required	Provided	Provided %
316								
BR1	143.0 SF	W7	14.3 SF	16.5 SF	12%	7.2 SF	20.1 SF	14%
BR2	117.1 SF	W7	11.7 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
LR/DR/K	175.7 SF	W6	17.6 SF	21.6 SF	12%	8.8 SF	20.3 SF	12%
317								
BR1	142.9 SF	W7	14.3 SF	16.5 SF	12%	7.1 SF	20.1 SF	14%
LR/DR/K	201.4 SF	W6	20.1 SF	21.6 SF	11%	10.1 SF	20.3 SF	10%
318								
BR1	121.2 SF	W1	12.1 SF	31.1 SF	26%	6.1 SF	20.3 SF	17%
LR/DR/K	169.6 SF	W1	17.0 SF	31.1 SF	18%	8.5 SF	20.3 SF	12%
319								
BR1	144.7 SF	W2	14.5 SF	23.6 SF	16%	7.2 SF	20.1 SF	14%
BR2	129.0 SF	W2	12.9 SF	23.6 SF	18%	6.4 SF	20.1 SF	16%
LR/DR/K	195.6 SF	W1	19.6 SF	31.1 SF	16%	9.8 SF	20.3 SF	10%
320								
BR1	121.4 SF	W2	12.1 SF	23.6 SF	19%	6.1 SF	20.1 SF	17%
LR/DR/K	179.7 SF	W1	18.0 SF	31.1 SF	17%	9.0 SF	20.3 SF	11%
321								
BR1	120.9 SF	W1	12.1 SF	31.1 SF	26%	6.0 SF	20.3 SF	17%
LR/DR/K	169.6 SF	W1	17.0 SF	31.1 SF	18%	8.5 SF	20.3 SF	12%
322								
BR1	118.4 SF	W2	11.8 SF	23.6 SF	20%	5.9 SF	20.1 SF	17%
BR2	118.3 SF	W2	11.8 SF	23.6 SF	20%	5.9 SF	20.1 SF	17%
LR/DR/K	213.8 SF	W1	21.4 SF	31.1 SF	15%	10.7 SF	20.3 SF	9%
323								
BR1	118.4 SF	W2	11.8 SF	23.6 SF	20%	5.9 SF	20.1 SF	17%
LR/DR/K	198.3 SF	W1	19.8 SF	31.1 SF	16%	9.9 SF	20.3 SF	10%
324								
BR1	121.8 SF	W1	12.2 SF	31.1 SF	26%	6.1 SF	20.3 SF	17%
LR/DR/K	174.8 SF	W1	17.5 SF	31.1 SF	18%	8.7 SF	20.3 SF	12%



1 Light & Air - Level 2
1/16" = 1'-0"

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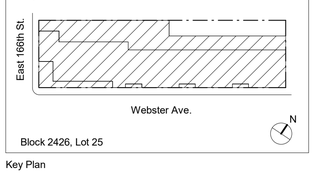
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Light and Air Calculations

Date	08/30/2024
Scale	1/16" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

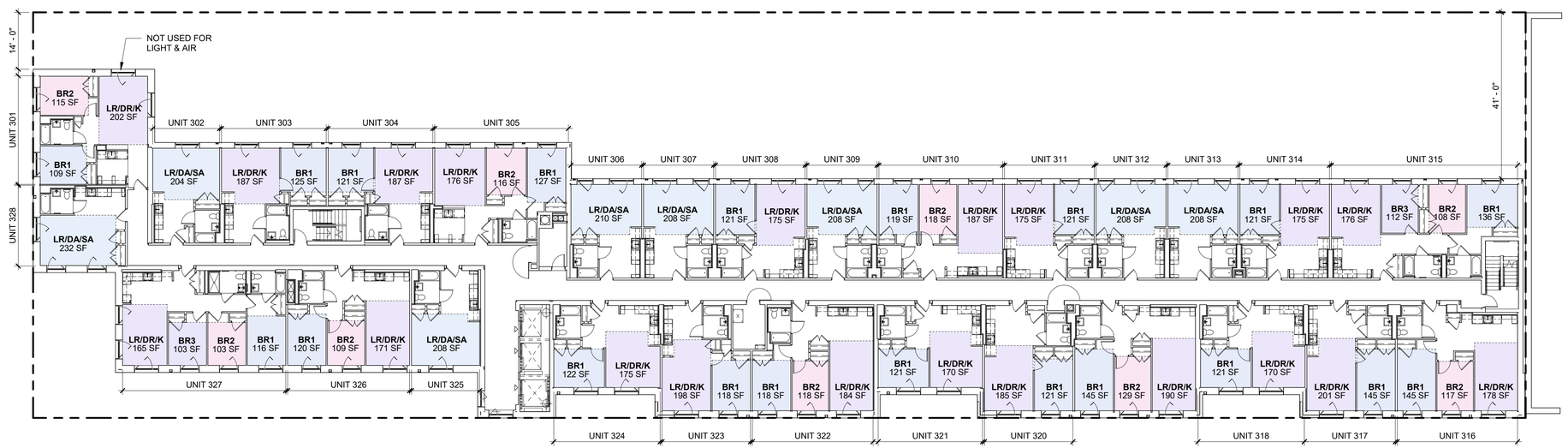
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Light & Air Calculations - Level 3-7

Room Name	Room Area	Window Type	Light Areas			Air Areas		
			Required	Provide	Provided %	Required	Provided	Provided %
301								
BR1	108.5 SF	W6	10.9 SF	21.6 SF	20%	5.4 SF	20.3 SF	19%
BR2	114.7 SF	W6	11.5 SF	21.6 SF	19%	5.7 SF	20.3 SF	18%
LR/DR/K	202.0 SF	W6	20.2 SF	21.6 SF	11%	10.1 SF	20.3 SF	10%
302								
LR/DA/SA	203.5 SF	W6	20.4 SF	21.6 SF	11%	10.2 SF	20.3 SF	10%
303								
BR1	124.5 SF	W7	12.5 SF	16.5 SF	13%	6.2 SF	20.1 SF	16%
LR/DR/K	186.7 SF	W6	18.7 SF	21.6 SF	12%	9.3 SF	20.3 SF	11%
304								
BR1	121.1 SF	W7	12.1 SF	16.5 SF	14%	6.1 SF	20.1 SF	17%
LR/DR/K	186.7 SF	W6	18.7 SF	21.6 SF	12%	9.3 SF	20.3 SF	11%
305								
BR1	126.8 SF	W7	12.7 SF	16.5 SF	13%	6.3 SF	20.1 SF	16%
BR2	116.3 SF	W7	11.6 SF	16.5 SF	14%	5.8 SF	20.1 SF	17%
LR/DR/K	176.0 SF	W6	17.6 SF	21.6 SF	12%	8.8 SF	20.3 SF	12%
306								
LR/DA/SA	210.1 SF	Multiple, see plans	21.0 SF	35.2 SF	17%	10.5 SF	37.1 SF	18%
307								
LR/DA/SA	208.4 SF	Multiple, see plans	20.8 SF	35.2 SF	17%	10.4 SF	37.1 SF	18%
308								
BR1	120.6 SF	W7	12.1 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
LR/DR/K	175.1 SF	W6	17.5 SF	21.6 SF	12%	8.8 SF	20.3 SF	12%
309								
LR/DA/SA	208.4 SF	Multiple, see plans	20.8 SF	35.2 SF	17%	10.4 SF	37.1 SF	18%
310								
BR1	119.4 SF	W7	11.9 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
BR2	118.2 SF	W7	11.8 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
LR/DR/K	186.9 SF	W6	18.7 SF	21.6 SF	12%	9.3 SF	20.3 SF	11%
311								
BR1	120.6 SF	W7	12.1 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
LR/DR/K	175.1 SF	W6	17.5 SF	21.6 SF	12%	8.8 SF	20.3 SF	12%
312								
LR/DA/SA	208.2 SF	Multiple, see plans	20.8 SF	35.2 SF	17%	10.4 SF	37.1 SF	18%
313								
LR/DA/SA	208.2 SF	Multiple, see plans	20.8 SF	35.2 SF	17%	10.4 SF	37.1 SF	18%
314								
BR1	120.6 SF	W7	12.1 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
LR/DR/K	175.1 SF	W6	17.5 SF	21.6 SF	12%	8.8 SF	20.3 SF	12%
315								
BR1	135.5 SF	W7	13.6 SF	16.5 SF	12%	6.8 SF	20.1 SF	15%
BR2	108.2 SF	W7	10.8 SF	16.5 SF	15%	5.4 SF	20.1 SF	19%
BR3	112.0 SF	W7	11.2 SF	16.5 SF	15%	5.6 SF	20.1 SF	18%
LR/DR/K	176.2 SF	W6	17.6 SF	21.6 SF	12%	8.8 SF	20.3 SF	12%

Light & Air Calculations - Level 3-7

Room Name	Room Area	Window Type	Light Areas			Air Areas		
			Required	Provide	Provided %	Required	Provided	Provided %
316								
BR1	144.7 SF	W7	14.5 SF	16.5 SF	11%	7.2 SF	20.1 SF	14%
BR2	117.1 SF	W7	11.7 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
LR/DR/K	177.8 SF	W6	17.8 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%
317								
BR1	144.7 SF	W7	14.5 SF	16.5 SF	11%	7.2 SF	20.1 SF	14%
LR/DR/K	201.4 SF	W6	20.1 SF	21.6 SF	11%	10.1 SF	20.3 SF	10%
318								
BR1	121.2 SF	W6	12.1 SF	21.6 SF	18%	6.1 SF	20.3 SF	17%
LR/DR/K	169.6 SF	W6	17.0 SF	21.6 SF	13%	8.5 SF	20.3 SF	12%
319								
BR1	144.7 SF	W7	14.5 SF	16.5 SF	11%	7.2 SF	20.1 SF	14%
BR2	129.0 SF	W7	12.9 SF	16.5 SF	13%	6.4 SF	20.1 SF	16%
LR/DR/K	190.4 SF	W6	19.0 SF	21.6 SF	11%	9.5 SF	20.3 SF	11%
320								
BR1	121.4 SF	W7	12.1 SF	16.5 SF	14%	6.1 SF	20.1 SF	17%
LR/DR/K	185.2 SF	W6	18.5 SF	21.6 SF	12%	9.3 SF	20.3 SF	11%
321								
BR1	120.9 SF	W6	12.1 SF	21.6 SF	18%	6.0 SF	20.3 SF	17%
LR/DR/K	169.6 SF	W6	17.0 SF	21.6 SF	13%	8.5 SF	20.3 SF	12%
322								
BR1	118.4 SF	W7	11.8 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
BR2	118.3 SF	W7	11.8 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
LR/DR/K	183.8 SF	W6	18.4 SF	21.6 SF	12%	9.2 SF	20.3 SF	11%
323								
BR1	118.4 SF	W7	11.8 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
LR/DR/K	198.3 SF	W6	19.8 SF	21.6 SF	11%	9.9 SF	20.3 SF	10%
324								
BR1	121.8 SF	W6	12.2 SF	21.6 SF	18%	6.1 SF	20.3 SF	17%
LR/DR/K	174.5 SF	W6	17.5 SF	21.6 SF	12%	8.7 SF	20.3 SF	12%
325								
LR/DA/SA	207.6 SF	W6	20.8 SF	21.6 SF	10%	10.4 SF	20.3 SF	10%
326								
BR1	120.3 SF	W7	12.0 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
BR2	108.6 SF	W7	10.9 SF	16.5 SF	15%	5.4 SF	20.1 SF	18%
LR/DR/K	171.3 SF	W6	17.1 SF	21.6 SF	13%	8.6 SF	20.3 SF	12%
327								
BR1	115.7 SF	W6	11.6 SF	21.6 SF	19%	5.8 SF	20.3 SF	18%
BR2	103.3 SF	W7	10.3 SF	16.5 SF	16%	5.2 SF	20.1 SF	19%
BR3	103.3 SF	W7	10.3 SF	16.5 SF	16%	5.2 SF	20.1 SF	19%
LR/DR/K	165.4 SF	Multiple, see plans	16.5 SF	54.6 SF	33%	8.3 SF	60.4 SF	37%
328								
LR/DA/SA	231.5 SF	Multiple, see plans	23.2 SF	54.6 SF	24%	11.6 SF	60.4 SF	26%



1 Light & Air - Level 3-7
1/16" = 1'-0"

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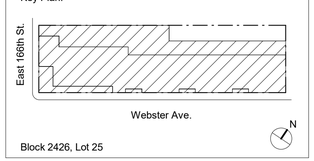
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Light and Air Calculations

Date	08/30/2024
Scale	1/16" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

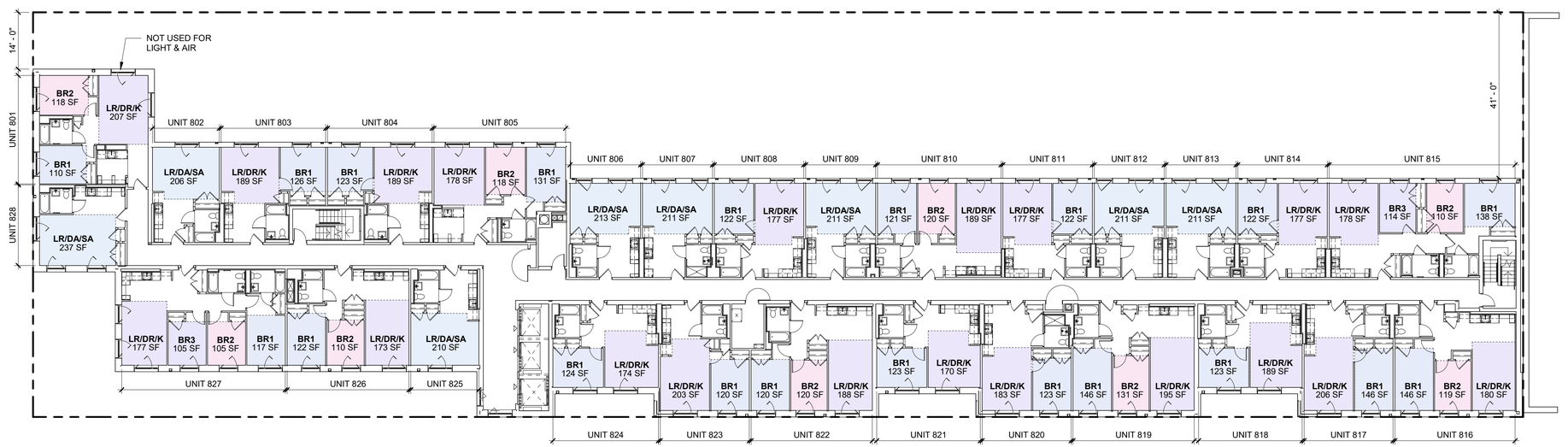
G-011.00

Light & Air Calculations- Level 8-10

Room Name	Room Area	Window Type	Light Areas			Air Areas		
			Required	Provide	Provided %	Required	Provided	Provided %
801								
BR1	110.0 SF	W6	11.0 SF	21.6 SF	20%	5.5 SF	20.3 SF	18%
BR2	118.3 SF	W6	11.8 SF	21.6 SF	18%	5.9 SF	20.3 SF	17%
LR/DR/K	206.9 SF	W6	20.7 SF	21.6 SF	10%	10.3 SF	20.3 SF	10%
802								
LR/DA/SA	206.3 SF	W6	20.6 SF	21.6 SF	10%	10.3 SF	20.3 SF	10%
803								
BR1	126.4 SF	W7	12.6 SF	16.5 SF	13%	6.3 SF	20.1 SF	16%
LR/DR/K	189.1 SF	W6	18.9 SF	21.6 SF	11%	9.5 SF	20.3 SF	11%
804								
BR1	123.0 SF	W7	12.3 SF	16.5 SF	13%	6.1 SF	20.1 SF	16%
LR/DR/K	189.1 SF	W6	18.9 SF	21.6 SF	11%	9.5 SF	20.3 SF	11%
805								
BR1	130.7 SF	W7	13.1 SF	16.5 SF	13%	6.5 SF	20.1 SF	15%
BR2	118.0 SF	W7	11.8 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
LR/DR/K	178.1 SF	W6	17.8 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%
806								
LR/DA/SA	213.0 SF	Multiple, see plans	21.3 SF	35.2 SF	17%	10.6 SF	37.1 SF	17%
807								
LR/DA/SA	211.3 SF	Multiple, see plans	21.1 SF	35.2 SF	17%	10.6 SF	37.1 SF	18%
808								
BR1	122.2 SF	W7	12.2 SF	16.5 SF	14%	6.1 SF	20.1 SF	16%
LR/DR/K	177.1 SF	W6	17.7 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%
809								
LR/DA/SA	211.3 SF	Multiple, see plans	21.1 SF	35.2 SF	17%	10.6 SF	37.1 SF	18%
810								
BR1	121.0 SF	W7	12.1 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
BR2	119.8 SF	W7	12.0 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
LR/DR/K	188.7 SF	W6	18.9 SF	21.6 SF	11%	9.4 SF	20.3 SF	11%
811								
BR1	122.2 SF	W7	12.2 SF	16.5 SF	14%	6.1 SF	20.1 SF	16%
LR/DR/K	177.1 SF	W6	17.7 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%
812								
LR/DA/SA	211.1 SF	Multiple, see plans	21.1 SF	35.2 SF	17%	10.6 SF	37.1 SF	18%
813								
LR/DA/SA	211.1 SF	Multiple, see plans	21.1 SF	35.2 SF	17%	10.6 SF	37.1 SF	18%
814								
BR1	122.2 SF	W7	12.2 SF	16.5 SF	14%	6.1 SF	20.1 SF	16%
LR/DR/K	177.1 SF	W6	17.7 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%
815								
BR1	137.7 SF	W7	13.8 SF	16.5 SF	12%	6.9 SF	20.1 SF	15%
BR2	109.7 SF	W7	11.0 SF	16.5 SF	15%	5.5 SF	20.1 SF	18%
BR3	113.5 SF	W7	11.4 SF	16.5 SF	15%	5.7 SF	20.1 SF	18%
LR/DR/K	178.3 SF	W6	17.8 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%

Light & Air Calculations- Level 8-10

Room Name	Room Area	Window Type	Light Areas			Air Areas		
			Required	Provide	Provided %	Required	Provided	Provided %
816								
BR1	146.3 SF	W7	14.6 SF	16.5 SF	11%	7.3 SF	20.1 SF	14%
BR2	118.7 SF	W7	11.9 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
LR/DR/K	179.5 SF	W6	18.0 SF	21.6 SF	12%	9.0 SF	20.3 SF	11%
817								
BR1	146.3 SF	W7	14.6 SF	16.5 SF	11%	7.3 SF	20.1 SF	14%
LR/DR/K	206.4 SF	W6	20.6 SF	21.6 SF	10%	10.3 SF	20.3 SF	10%
818								
BR1	123.3 SF	W6	12.3 SF	21.6 SF	18%	6.2 SF	20.3 SF	16%
LR/DR/K	189.4 SF	W6	18.9 SF	21.6 SF	11%	9.5 SF	20.3 SF	11%
819								
BR1	146.3 SF	W7	14.6 SF	16.5 SF	11%	7.3 SF	20.1 SF	14%
BR2	130.6 SF	W7	13.1 SF	16.5 SF	13%	6.5 SF	20.1 SF	15%
LR/DR/K	195.2 SF	W6	19.5 SF	21.6 SF	11%	9.8 SF	20.3 SF	10%
820								
BR1	123.0 SF	W7	12.3 SF	16.5 SF	13%	6.2 SF	20.1 SF	16%
LR/DR/K	183.4 SF	W6	18.3 SF	21.6 SF	12%	9.2 SF	20.3 SF	11%
821								
BR1	123.0 SF	W6	12.3 SF	21.6 SF	18%	6.2 SF	20.3 SF	16%
LR/DR/K	169.6 SF	W6	17.0 SF	21.6 SF	13%	8.5 SF	20.3 SF	12%
822								
BR1	119.9 SF	W7	12.0 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
BR2	119.9 SF	W7	12.0 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
LR/DR/K	188.5 SF	W6	18.8 SF	21.6 SF	11%	9.4 SF	20.3 SF	11%
823								
BR1	119.9 SF	W7	12.0 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
LR/DR/K	203.2 SF	W6	20.3 SF	21.6 SF	11%	10.2 SF	20.3 SF	10%
824								
BR1	124.0 SF	W6	12.4 SF	21.6 SF	17%	6.2 SF	20.3 SF	16%
LR/DR/K	174.4 SF	W6	17.4 SF	21.6 SF	12%	8.7 SF	20.3 SF	12%
825								
LR/DA/SA	210.4 SF	W6	21.0 SF	21.6 SF	10%	10.5 SF	20.3 SF	10%
826								
BR1	121.9 SF	W7	12.2 SF	16.5 SF	14%	6.1 SF	20.1 SF	16%
BR2	110.2 SF	W7	11.0 SF	16.5 SF	15%	5.5 SF	20.1 SF	18%
LR/DR/K	173.1 SF	W6	17.3 SF	21.6 SF	13%	8.7 SF	20.3 SF	12%
827								
BR1	117.3 SF	W6	11.7 SF	21.6 SF	18%	5.9 SF	20.3 SF	17%
BR2	104.9 SF	W7	10.5 SF	16.5 SF	16%	5.2 SF	20.1 SF	19%
BR3	104.9 SF	W7	10.5 SF	16.5 SF	16%	5.2 SF	20.1 SF	19%
LR/DR/K	176.7 SF	Multiple, see plans	17.7 SF	54.6 SF	31%	8.8 SF	60.4 SF	34%
828								
LR/DA/SA	236.7 SF	Multiple, see plans	23.7 SF	54.6 SF	23%	11.8 SF	60.4 SF	26%



C1 Light & Air - Level 8-10
1/16" = 1'-0"

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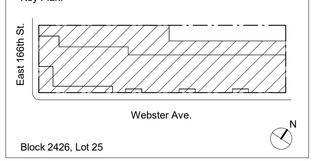
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Light and Air Calculations

Date	08/30/2024
Scale	1/16" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

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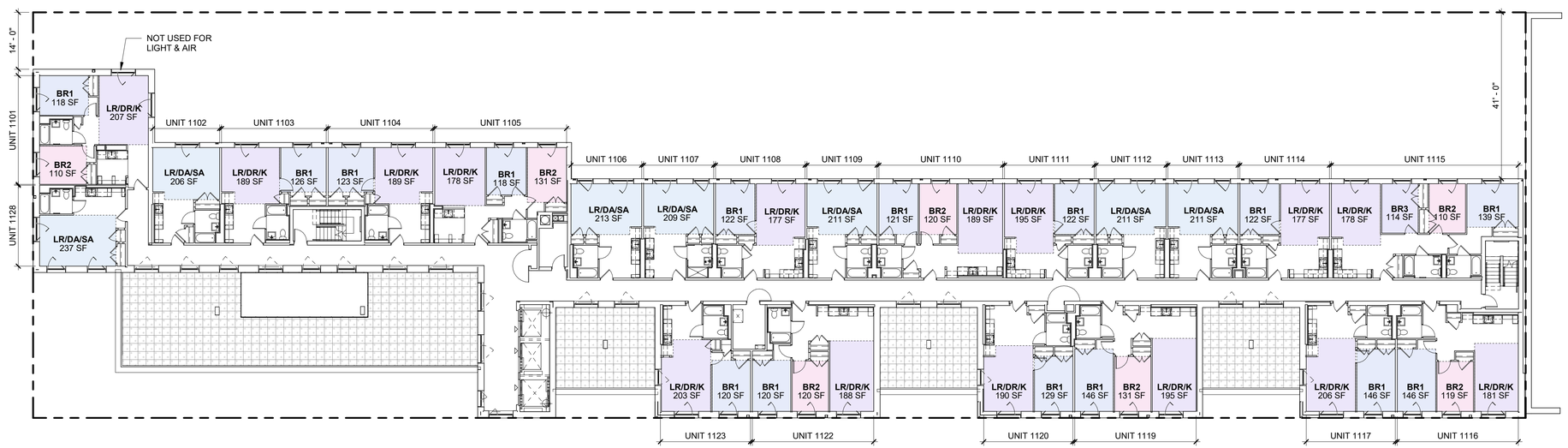
G-012.00

Light & Air Calculations- Level 11

Room Name	Room Area	Window Type	Light Areas			Air Areas		
			Required	Provide	Provided %	Required	Provided	Provided %
1101								
BR1	118.3 SF	W6	11.8 SF	21.6 SF	18%	5.9 SF	20.3 SF	17%
BR2	110.0 SF	W6	11.0 SF	21.6 SF	20%	5.5 SF	20.3 SF	18%
LR/DR/K	206.9 SF	W6	20.7 SF	21.6 SF	10%	10.3 SF	20.3 SF	10%
1102								
LR/DA/SA	206.3 SF	W6	20.6 SF	21.6 SF	10%	10.3 SF	20.3 SF	10%
1103								
BR1	126.4 SF	W7	12.6 SF	16.5 SF	13%	6.3 SF	20.1 SF	16%
LR/DR/K	189.1 SF	W6	18.9 SF	21.6 SF	11%	9.5 SF	20.3 SF	11%
1104								
BR1	123.0 SF	W7	12.3 SF	16.5 SF	13%	6.1 SF	20.1 SF	16%
LR/DR/K	189.1 SF	W6	18.9 SF	21.6 SF	11%	9.5 SF	20.3 SF	11%
1105								
BR1	118.0 SF	W7	11.8 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
BR2	130.7 SF	W7	13.1 SF	16.5 SF	13%	6.5 SF	20.1 SF	15%
LR/DR/K	178.1 SF	W6	17.8 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%
1106								
LR/DA/SA	213.0 SF	Multiple, see plans	21.3 SF	35.2 SF	17%	10.6 SF	37.1 SF	17%
1107								
LR/DA/SA	208.9 SF	Multiple, see plans	20.9 SF	35.2 SF	17%	10.4 SF	37.1 SF	18%
1108								
BR1	122.2 SF	W7	12.2 SF	16.5 SF	14%	6.1 SF	20.1 SF	16%
LR/DR/K	177.1 SF	W6	17.7 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%
1109								
LR/DA/SA	211.3 SF	Multiple, see plans	21.1 SF	35.2 SF	17%	10.6 SF	37.1 SF	18%
1110								
BR1	121.0 SF	W7	12.1 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
BR2	119.8 SF	W7	12.0 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
LR/DR/K	188.7 SF	W6	18.9 SF	21.6 SF	11%	9.4 SF	20.3 SF	11%
1111								
BR1	122.2 SF	W7	12.2 SF	16.5 SF	14%	6.1 SF	20.1 SF	16%
LR/DR/K	195.3 SF	W6	19.5 SF	21.6 SF	11%	9.8 SF	20.3 SF	10%
1112								
LR/DA/SA	211.1 SF	Multiple, see plans	21.1 SF	35.2 SF	17%	10.6 SF	37.1 SF	18%
1113								
LR/DA/SA	211.1 SF	Multiple, see plans	21.1 SF	35.2 SF	17%	10.6 SF	37.1 SF	18%
1114								
BR1	122.2 SF	W7	12.2 SF	16.5 SF	14%	6.1 SF	20.1 SF	16%
LR/DR/K	177.1 SF	W6	17.7 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%
1115								
BR1	139.5 SF	W7	13.9 SF	16.5 SF	12%	7.0 SF	20.1 SF	14%
BR2	109.7 SF	W7	11.0 SF	16.5 SF	15%	5.5 SF	20.1 SF	18%
BR3	113.5 SF	W7	11.4 SF	16.5 SF	15%	5.7 SF	20.1 SF	18%
LR/DR/K	178.3 SF	W6	17.8 SF	21.6 SF	12%	8.9 SF	20.3 SF	11%

Light & Air Calculations- Level 11

Room Name	Room Area	Window Type	Light Areas			Air Areas		
			Required	Provide	Provided %	Required	Provided	Provided %
1116								
BR1	146.3 SF	W7	14.6 SF	16.5 SF	11%	7.3 SF	20.1 SF	14%
BR2	118.7 SF	W7	11.9 SF	16.5 SF	14%	5.9 SF	20.1 SF	17%
LR/DR/K	180.7 SF	W6	18.1 SF	21.6 SF	12%	9.0 SF	20.3 SF	11%
1117								
BR1	146.3 SF	W7	14.6 SF	16.5 SF	11%	7.3 SF	20.1 SF	14%
LR/DR/K	206.4 SF	Multiple, see plans	20.6 SF	35.2 SF	17%	10.3 SF	37.1 SF	18%
1119								
BR1	146.3 SF	W7	14.6 SF	16.5 SF	11%	7.3 SF	20.1 SF	14%
BR2	130.6 SF	W7	13.1 SF	16.5 SF	13%	6.5 SF	20.1 SF	15%
LR/DR/K	195.2 SF	W6	19.5 SF	21.6 SF	11%	9.8 SF	20.3 SF	10%
1120								
BR1	129.3 SF	W7	12.9 SF	16.5 SF	13%	6.5 SF	20.1 SF	16%
LR/DR/K	189.9 SF	Multiple, see plans	19.0 SF	35.2 SF	19%	9.5 SF	37.1 SF	20%
1122								
BR1	119.9 SF	W7	12.0 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
BR2	119.9 SF	W7	12.0 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
LR/DR/K	188.5 SF	W6	18.8 SF	21.6 SF	11%	9.4 SF	20.3 SF	11%
1123								
BR1	119.9 SF	W7	12.0 SF	16.5 SF	14%	6.0 SF	20.1 SF	17%
LR/DR/K	203.2 SF	Multiple, see plans	20.3 SF	35.2 SF	17%	10.2 SF	37.1 SF	18%
1128								
LR/DA/SA	236.7 SF	Multiple, see plans	23.7 SF	54.6 SF	23%	11.8 SF	60.4 SF	26%



1 Light & Air - Level 11
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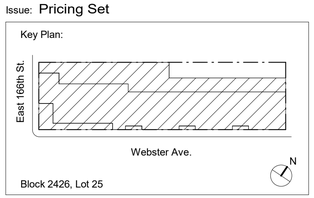
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Light and Air Calculations

Date	08/30/2024
Scale	1/16" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

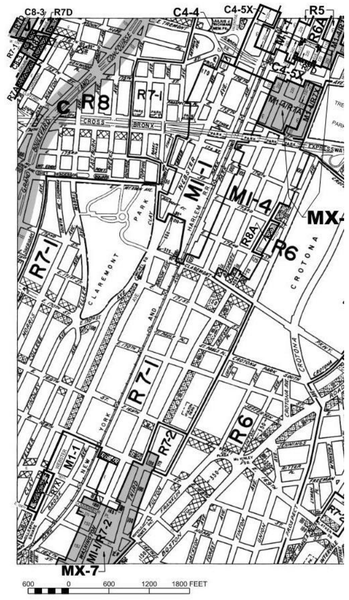
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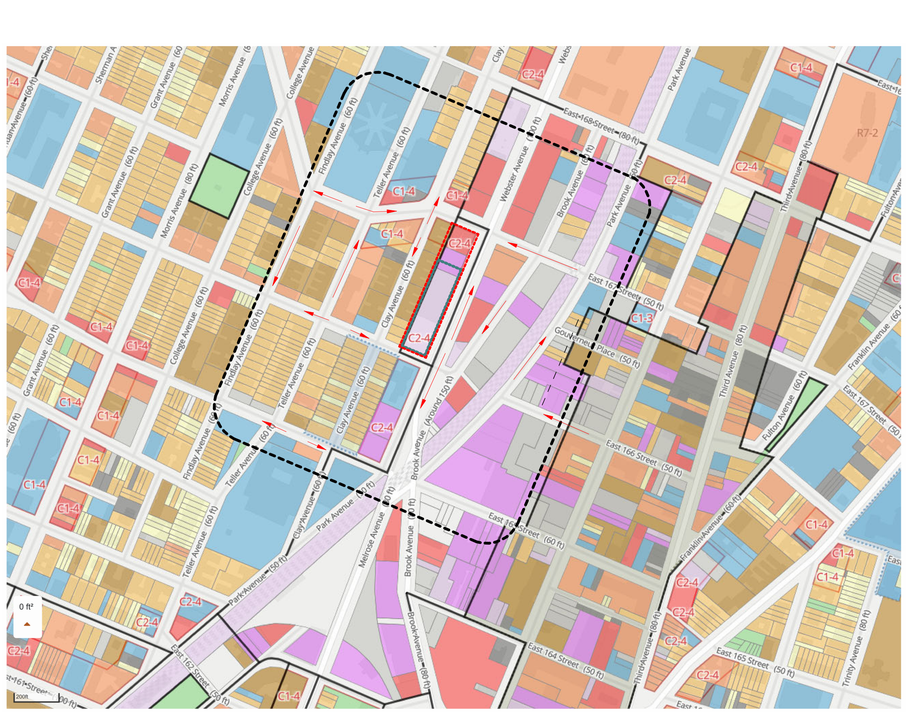
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Tax Map

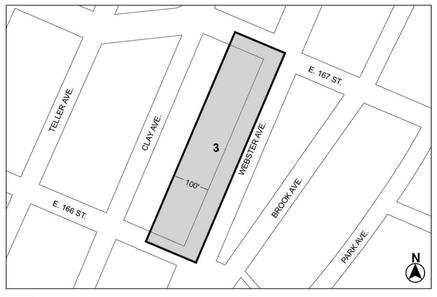


Zoning Map 3d



Area and Land Use Map

Map 3 - (3/25/21)



Portion of Community District 4, The Bronx

MIH Program - Map CD 4, Map 3

1099 WEBSTER AVENUE, 10456
Borough Bronx | Block 2426 | Lot 25

PROJECT

- PROJECT LOCATION
- DEVELOPMENT SITE
- 600 FOOT RADIUS
- LOT LINE
- DIRECTION OF TRAFFIC

ZONING

C2-4 ZONING DESIGNATION
DISTRICT BOUNDERY

ZONING	LAND USE
Zoning District	One & Two Family Buildings
C1-3	MultiFamily Walkup Buildings
C1-4	MultiFamily Elevator Buildings
C2-4	Mixed Commercial/Residential Buildings
C4-4	Commercial/Office Buildings
M1-1	Industrial/Manufacturing
M1-1/R7-2	Transportation/Utility
R7-1	Public Facilities & Institutions
R7-2	Open Space
	Parking Facilities
	Vacant Land
	All Others or No Data

LOCATION MAP



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Astoria, NY 11103

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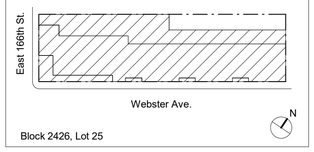
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Area, Tax and Zoning Map

Date	08/30/2024
Scale	As indicated
Drawn By	DK
Checked By	RE/BG
Project No.	2231
Seal	

Sheet No.: G-014.00



8. LOOKING NORTH ALONG WEBSTER AT 168TH ST.



5. LOOKING NORTH ALONG CLAY AVE.



2. CORNER OF WEBSTER AND E-166 ST LOOKING NORTH ALONG WEBSTER



7. LOOKING NORTH ALONG BROOK AVE.



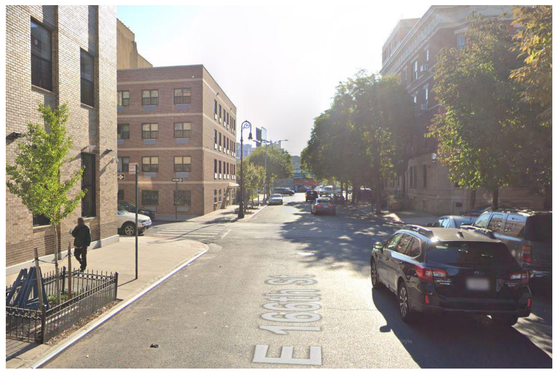
4. LOOKING EAST ALONG E 167TH ST.



1. LOOKING SOUTH ALONG WEBSTER AVE.



6. LOOKING WEST ALONG E 167TH ST.



3. LOOKING EAST ALONG E 166TH ST.



KEY PLAN

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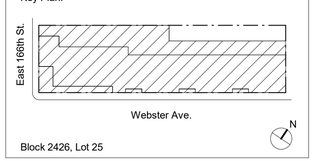
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Block 2426, Lot 25

Key Plan

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Site Photos

Date	08/30/2024
Scale	3" = 1'-0"
Drawn By	DK
Checked By	RE/BG
Project No.	2231

Seal

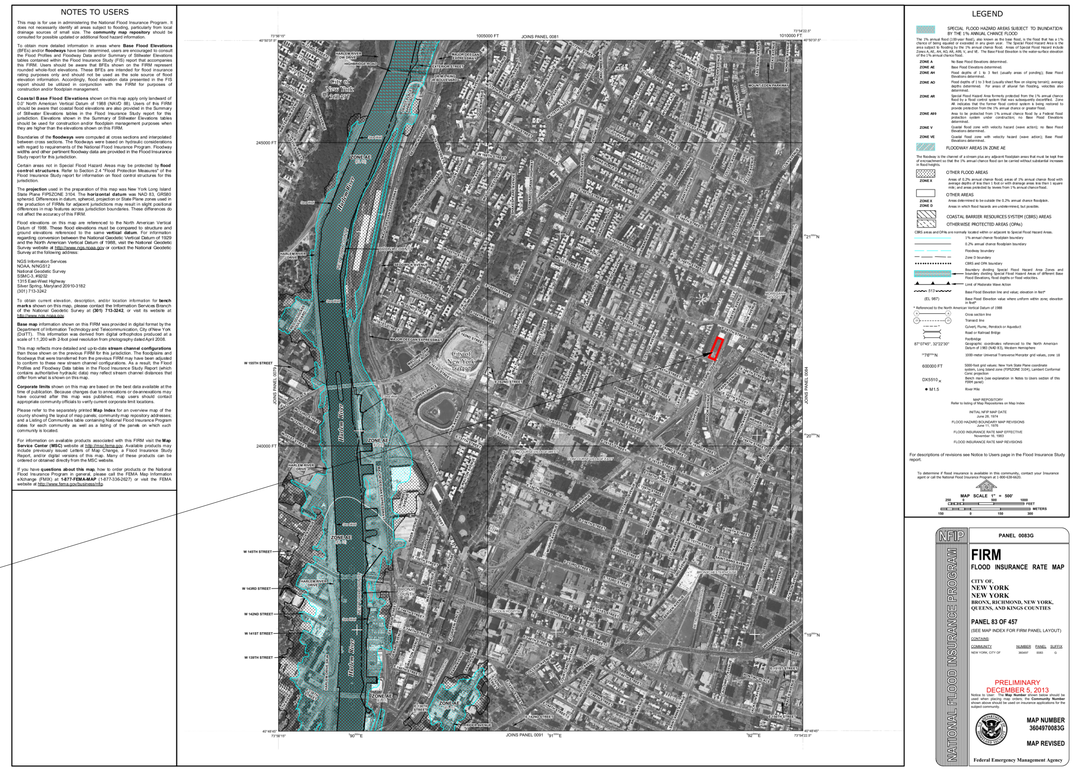
Sheet No.:

G-015.00

SITE LOCATION ON 2007 FEMA MAP, SITE IS NOT LOCATED IN AREA OF SPECIAL FLOOD HAZARD



SITE LOCATION ON PRELIMINARY 2013 FEMA MAP, SITE IS NOT LOCATED IN AREA OF SPECIAL FLOOD HAZARD



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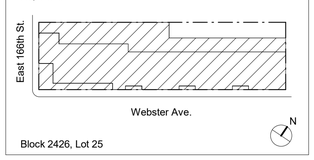
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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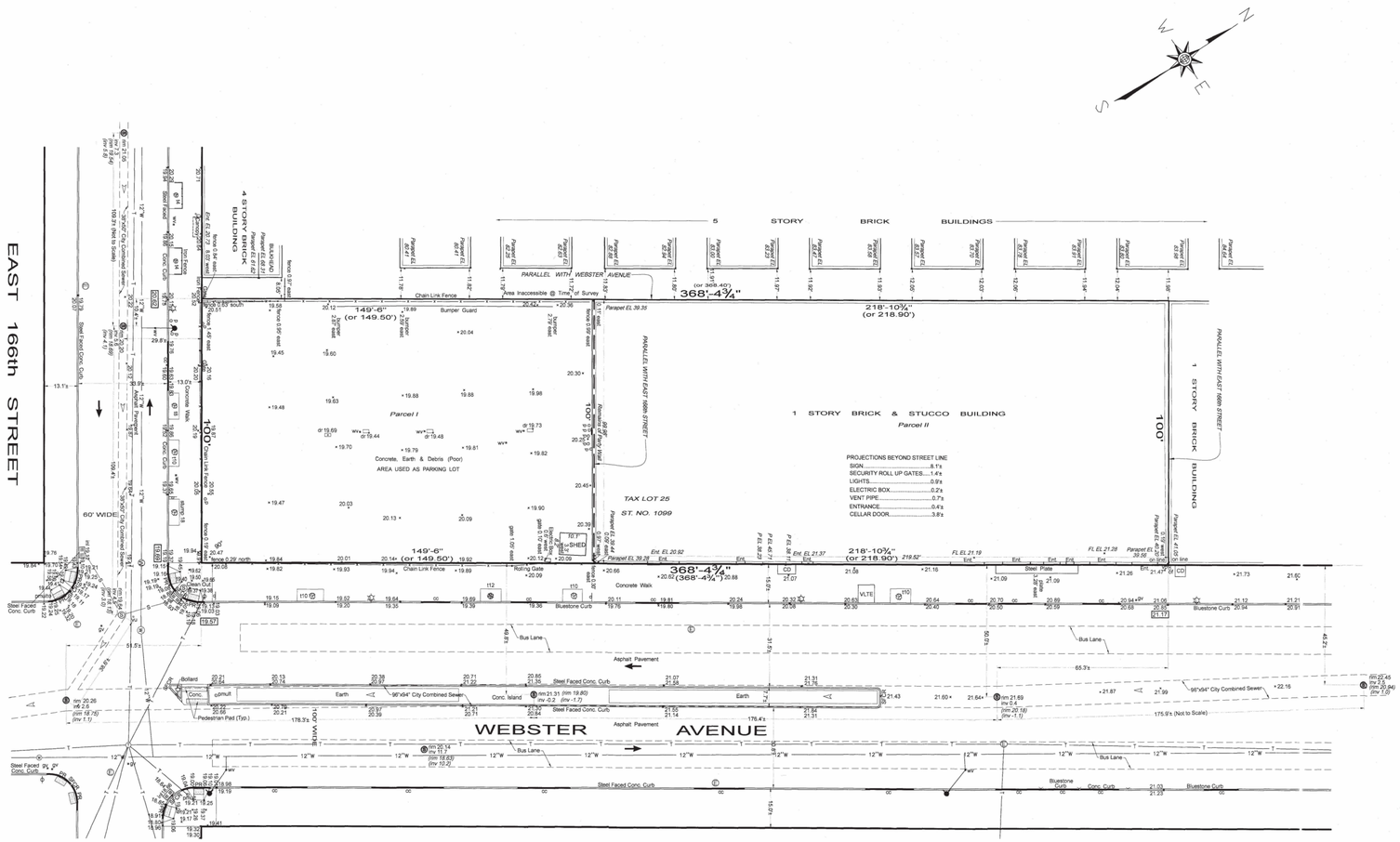
FEMA Flood Map

Date	08/30/2024
Scale	
Drawn By	DA
Checked By	DA
Project No.	2231
Sheet No.:	G-016.00

Seal

SURVEY NO. 67417

67417001.DWG
67417002.CRD



LEGEND

ASPH.....ASPHALT	PR.....PEDESTRIAN RAMP
BK.....BRICK	RET.....RETAINING
BSMT.....BASEMENT	RIM.....RIM ELEVATION SEWER MANHOLE
CC.....CURB CUT	SFCR.....STEEL FACED CURB ROUND
CCR.....CONCRETE CURB ROUND	STY.....STORY
CD.....CELLAR DOOR	TB.....TOP OF BANK ELEVATION
CLF.....CHAIN LINK FENCE	.....TRAFFIC LIGHT
CO.....CATCH BASIN CLEAN OUT	TEL.....TELEPHONE
CONC.....CONCRETE	TP.....TREE PIT
CRF.....CHAIN ROPE FENCE	.....TRAFFIC SIGN
CWA.....CELLAR WINDOW AREA	TW.....ELEVATION AT TOP OF WALL
DR.....DRAIN	UP.....UTILITY POLE
EL.....ELEVATION	VU.....VALVE UNKNOWN
FAB.....FIRE ALARM BOX	VLTU.....VAULT UNKNOWN
FC.....FILL CAP	VP.....VENT PIPE
FL EL.....FLOOR ELEVATION	WV.....WATER VALVE
GP.....GUARD POLE	12"G.....GAS MAIN WITH SIZE
GV.....GAS VALVE	12"S.....SEWER MAIN WITH SIZE
IF.....IRON FENCE	12"W.....WATER MAIN WITH SIZE
INL.....CATCH BASIN INLET ELEVATION	.....CATCH BASIN
INV.....SEWER INVERT ELEVATION	.....ELECTRIC MANHOLE / VAULT
.....LIGHT POLE	.....FIRE MANHOLE
MB.....MAIL BOX	.....GAS MANHOLE
MHU.....UNKNOWN MANHOLE	.....SEWER MANHOLE
OF.....OIL FILL	.....TELEPHONE MANHOLE
OHW.....OVERHEAD WIRES	.....WATER MANHOLE
P.....POLE	.....STEAM MANHOLE
PAVT.....PAVEMENT	STV.....STEAM VALVE
PM.....PARKING METER	.....TRAFFIC VAULT
PMULT...POLE, MULTIPLE USAGE	.....HYDRANT
.....SPRINKLER	.....TREE WITH SIZE
CATV.....CABLE TV BOX	17.0 .....ESTABLISHED/LEGAL GRADE
.....SIAMESE	.....TRAFFIC FLOW
	(rm 12.42).....ELEVATIONS IN (rm 2.6) BOROUGH DATUM

GENERAL NOTES:

1. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
2. ESTABLISHED GRADES SHOWN HEREON REFER TO TOP OF CURB. IF ESTABLISHED GRADES VARY SUBSTANTIALLY WITH EXISTING ELEVATIONS CONSULT WITH THE HIGHWAY DEPARTMENT BEFORE DESIGNING IMPROVEMENTS.
3. SIZES AND LOCATIONS OF WATER MAINS SHOWN HEREON AS SUPPLIED BY THE DEPARTMENT OF WATER SUPPLY, BOROUGH OF THE BRONX. LOCATIONS OF WATER SUPPLY MANHOLES, HYDRANTS AND WATER VALVES AS OBTAINED FROM FIELD MEASUREMENT.
4. SIZES AND TYPES OF SEWERS SHOWN HEREON AS OBTAINED FROM THE BOROUGH OF THE BRONX SEWER DEPARTMENT RECORDS. SEWER MANHOLE RIM AND INVERT ELEVATIONS SHOWN HEREON OBTAINED BY FIELD MEASUREMENTS UNLESS INDICATED (*) WHICH DENOTES INVERT INACCESSIBLE OR MANHOLE NOT FOUND IN FIELD. INFORMATION SHOWN IN THIS MANNER IS AS OBTAINED FROM THE BOROUGH OF THE BRONX SEWER DEPARTMENT RECORDS.
5. ELECTRIC AND GAS INFORMATION SHOWN HEREON AS SUPPLIED BY THE CONSOLIDATED EDISON COMPANY OF NEW YORK. **(CONSOLIDATED EDISON COMPANY DOES NOT PROVIDE UNDERGROUND ELECTRIC & GAS INFORMATION).**
6. TELEPHONE INFORMATION SHOWN HEREON AS SUPPLIED BY THE EMPIRE CITY SUBWAY CO.
7. FIRE ALARM INFORMATION SHOWN HEREON AS SUPPLIED BY THE NEW YORK CITY FIRE DEPARTMENT. **(FIRE ALARM DOES NOT PROVIDE UNDERGROUND CABLE TV INFORMATION)**
8. CABLE TELEVISION INFORMATION SHOWN HEREON AS SUPPLIED BY THE TIME WARNER CABLE COMPANY OF NEW YORK. **(CABLE TV DOES NOT PROVIDE UNDERGROUND CABLE TV INFORMATION)**
9. LOCATIONS OF ALL UTILITIES AND SUBSTRUCTURES ARE APPROXIMATE ONLY. THE INFORMATION GIVEN ON THE SURVEY PERTAINING TO UTILITIES AND SUBSTRUCTURES IS NOT CERTIFIED AS TO ACCURACY OR COMPLETENESS. CONSULT WITH THE APPROPRIATE COMPANY OR AGENCY BEFORE DESIGNING IMPROVEMENTS.
10. THE OWNER, CONTRACTOR AND/OR HIS AGENTS MUST NOTIFY THE APPROPRIATE UTILITY COMPANIES AND/OR AGENCIES AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION IN ACCORDANCE WITH INDUSTRIAL CODE RULE 753.
11. NO EVIDENCE OF EXISTING STREAMS, CREEKS, DITCHES OR WATER COURSES ON/OR CROSSING PROPERTY SURVEYED, OTHER THAN THOSE SHOWN.
12. NOT ALL SUBSURFACE INFORMATION PLOTTED.

BRONX TOPO BUREAU DATUM
MEAN SEA LEVEL 0.00 (NAVD 1988) — 1.508
MEAN SEA LEVEL 0.00 (NGVD1929) — 2.608
NAVD 1988 DATUM IS 1.508 FEET BELOW THE BRONX TOPO BUREAU DATUM

20 0 20 40 60
GRAPHIC SCALE – FEET

PARCEL AREA = 36,840 SQ.FT. OR 0.84 ± ACRE

NOTE:
PARCEL SURVEYED AS PER DEED RECORDED IN NYC DEPARTMENT OF FINANCE OFFICE OF THE CITY REGISTER, DOCUMENT REEL 1432, PG 1922

FLOOD HAZARD NOTE
THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE X (LESS THAN 0.2% CHANCE OF FLOODING) FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBERS 360497 0083 F EFFECTIVE DATE SEPTEMBER 5, 2007

DRAWN: GP./MES

ESTABLISHED 1876 * SUCCESSOR TO:
B.G. MEINKHEIM C.S.*C.U. POWELL C.E.,C.S.*L.C.L. SMITH C.S.*NATHAN CAMPBELL C.E.,C.S.*A.U. WHITSON C.E.,C.S.*
WILLIAM L. SAVACOOL C.E.,L.S.,C.S.*A.U. WHITSON INC. C.E.,C.S.*C. WEBER L.S.,C.S.*C. STOUGH R.A.,L.S.*WHITSON & POWELL INC. P.E.,L.S.,C.S.*MILLER & POWELL P.E.,L.S.,C.S.*LOUIS MONTROSE C.E.,L.S.,C.S.*FRED J. POWELL P.E.,L.S.,C.S.*

REV	DATE	DESCRIPTION	ck

REV	DATE	DESCRIPTION	ck
	08-10-22	ARCHITECTURAL SURVEY	
A	07-20-23	ARCHITECTURAL SURVEY UPDATED	

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STATE OF NEW YORK — LICENSED — 050238 — LICENSED LAND SURVEYOR

CITY OF NEW YORK
COUNTY: THE BRONX
TAX BLOCK 2426
TAX LOT 25
SCALE: 1" = 20'

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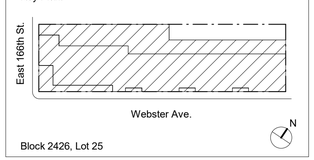
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

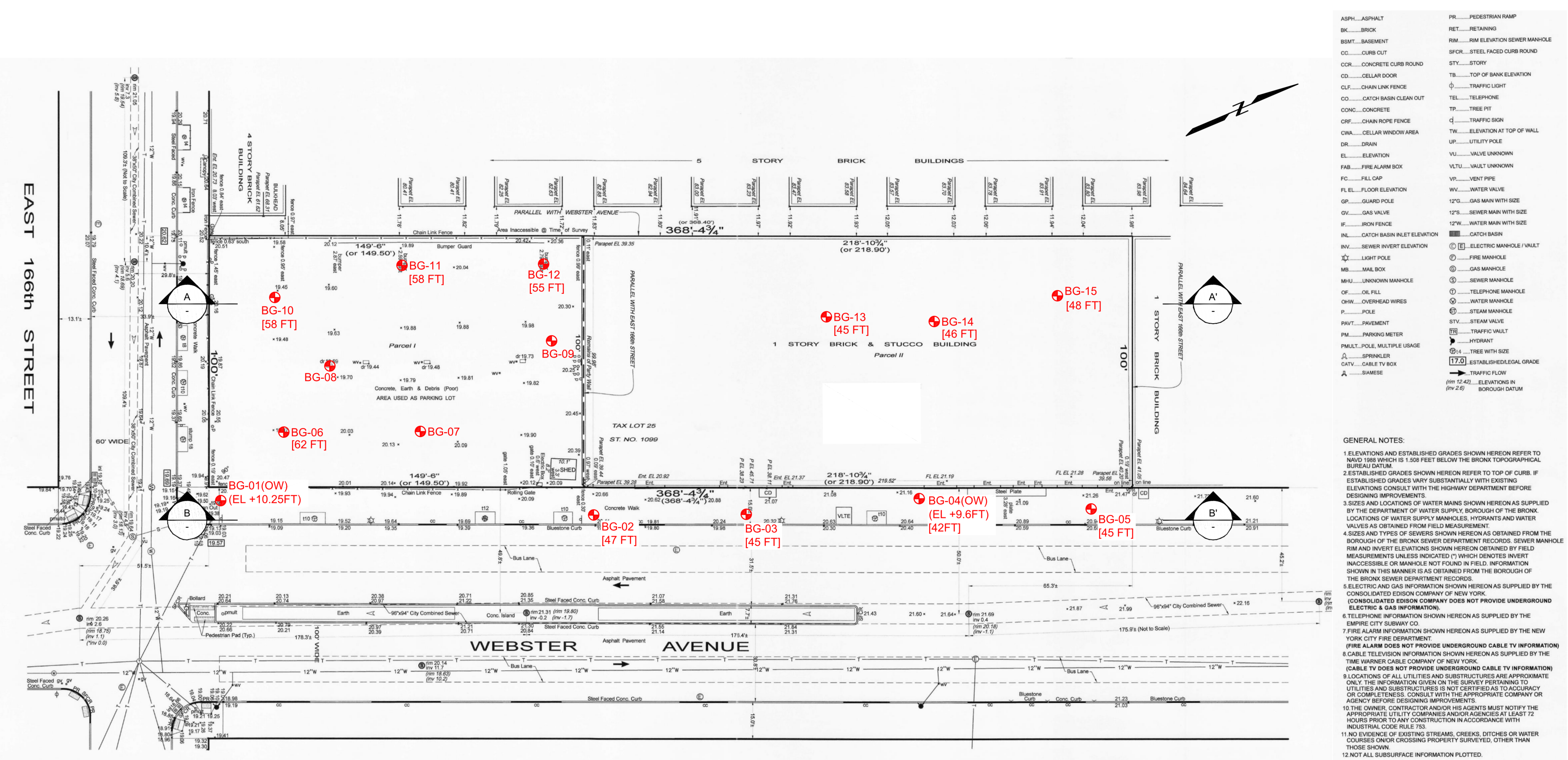
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Survey

Date 08/30/2024
Scale
Drawn By DK/ER
Checked By RE/BG
Project No. 2231 Seal
Sheet No.:

G-017.00

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LEGEND:

GEOTECHNICAL BORING

(EL XXFT) ESTIMATED GROUNDWATER ELEVATION

[XX FT] APPROXIMATE DEPTH TO TOP OF BEDROCK

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.

0 40 80

SCALE: 1" = 40'

Ten 99 Development
1099 Webster Avenue
The Bronx, New York

Mega Development Group
Long Island City, New York

GEI Consultants

Project 2204147

SITE EXPLORATION PLAN

March 2023

Fig. 2

CHECHURIN, DMITRY B:\Working\MEGA DEVELOPMENT\2204147 Ten 99 Webster Geotech Eng\00_CAD\Figures\Geotech Report\Site Exploration Plan.dwg - 3/23/2023

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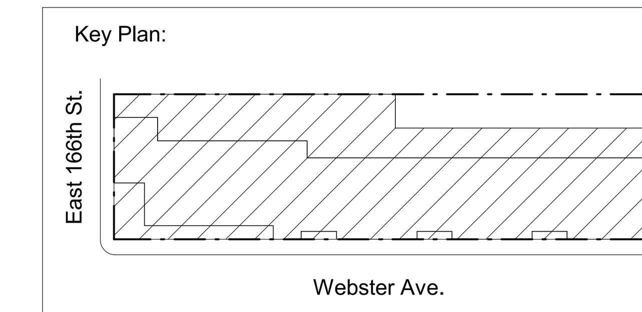
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Boring Location Plan

Date	08/30/2024
Scale	
Drawn By	DK
Checked By	RE/BG
Project No.	2231
Seal	
Sheet No.	G-018.00

Site Data		
Address:	1099 Webster Avenue Bronx, NY	
Block:	2426	
Lot:	25	
Community district:	Bronx 4	
City Council district:	16	
Location:	The Project Area is bounded by Webster Avenue to the east and East 166th Street to the south	
Street widths:	Webster Avenue (100')	wide street
	East 166th Street (60')	narrow street
Development Parcel lot area:	36,840 SF	
Lot area within C2-4 overlay:	36,840 SF	
Zoning district:	R7X with C2-4 overlay (100' deep, parallel to Webster Avenue)	
Zoning map:	3d	
Zoning lot dimensions:	Regular with 368 feet and 4.75 inches along Webster Avenue and 100 feet along East 166th Street.	
Zoning lot type:	Corner and Interior	
Transit zone:	Yes	
FRESH zone:	Yes	
Flood zone:	Zone X , FIRM Map panel 3604970083F	
CEQR number:	19DCP115X	
E number:	E-576	
Inclusionary Housing:	MIH Option 1	
Inclusionary Housing Program Map:	Map 3 See Sheet G-011	
	This site is both a generating and compensating Inclusionary Housing Site.	

Summary

Analysis

Zoning Reference	Zoning Text	Permitted	Provided	Compliance
Use Groups				
22-10	Use Group Residential	1, 2, 3, 4, 6C	2, 4A	Complies
32-10	Use Groups Commercial	1, 2, 3, 4, 5, 6	6A	Complies
Floor Area and FAR Calculations				
23-154 (d) (2) (ii)	In R7X districts with Mandatory Inclusionary Housing, the permitted residential base and maximum FAR are:			
	Residential base FAR	3.75		
	Residential maximum FAR	5.00	5.17	Complies
	Residential floor area 6.00 x 36,840 SF =	221,040 SF	190,546.9 SF	Complies
33-121	In C2-4 Districts, the maximum permitted commercial and community facility FARs are:			
	Commercial FAR	2.00	0.65	Complies
	Community Facility FAR	5.00	0.15	Complies
	Commercial Floor Area 2.00 x 36,840 SF =	73,680.0 SF	23,906.0 SF	Complies
	Community Facility floor area 5.00 x 36,840 SF =	184,200.0 SF	5,630.0 SF	Complies
Total Floor Area				
35-31	The maximum FAR permitted for a commercial or community facility use shall be as set forth in Article III, Chapter 3, and the maximum FAR permitted for a residential use shall be as set forth in Article II, Chapter 3, provided the total of all such floor area ratios does not exceed the greatest FAR permitted for any such use on the zoning lot.			
	Permitted FAR	6.00	5.97	Complies
	Permitted floor area 6.00 x 36,840 SF =	221,040.0 SF	219,982.9 SF	Complies
12-10	Definition Floor Area (12) (ii) Floor Area of a building shall not include exterior wall thickness, up to eight inches (i) where such wall thickness is added to the exterior face of a building wall existing on April 30, 2012, provided the added wall thickness has a thermal resistance (R-value) of at least 1.5 per inch; or (ii) where such wall thickness is part of an exterior wall constructed after April 30, 2012, equal to the number of inches by which the wall's total thickness exceeds eight inches, provided the above-grade exterior walls of the building envelope are more energy efficient than required by the New York City Energy Conservation Code (NYCECC) as determined by the following: (1) the area-weighted average U-factor of all opaque above-grade wall assemblies shall be no greater than 80 percent of the area-weighted average U-factor required by the NYCECC for the purposes of calculating the area-weighted average U-factor, the amount of fenestration shall equal the amount of fenestration provided in such exterior walls, or an amount equal to the maximum fenestration area referenced in the NYCECC for the calculation of the baseline energy code requirement, whichever is less; (2) the area-weighted average U-factor of all above-grade exterior wall assemblies, including vertical fenestrations, shall be no more than 90 percent of the area-weighted average U-factor determined by using the prescribed requirements of the NYCECC. For the purposes of calculating the area-weighted average U-factor, the amount of fenestration shall equal the amount of fenestration provided in such exterior walls, or an amount equal to the maximum fenestration area referenced in the NYCECC for the calculation of the baseline energy code requirement, whichever is less;	See zoning deduction calculations Z-005-Z-007		
Lot Coverage Calculations				
23-153	Residential interior lot (See C3/Z-002 for Permitted Obsruction and Lot Boundaries)	70%	100% with Permitted Obstruction	Complies
	Residential corner lot	100%	44%	Complies
33-23	In all Commercial Districts , the following obstructions shall be permitted when located within a required yard or rear yard equivalent: (b)(3)Any building or portion of a building used for any permitted use other than residences, except that any portion of a building containing rooms used for living or sleeping purposes (other than a room in a hospital used for the care or treatment of patients) shall not be a permitted obstruction, and provided that the height of such building shall not exceed one story, excluding basement, nor in any event 23 feet above curb level.			
Building Height and Setback				
35-654	For Quality Housing buildings in with Inclusionary Housing see Section 23-664.			
23-664(b) Table 1	Minimum base height	60 ft.	93.5 ft.	Complies
	Maximum base height	105 ft.	93.5 ft.	Complies
	Maximum building height	140 ft.	113.5 ft.	Complies
	Minimum building height with Qualifying Ground Floor	145 ft.	N/A	Complies
	Maximum number of stories	14 Stories	11 Stories	Complies
Street Wall Location				
35-651 (a) (1)	In C2-4 districts, 70% of the aggregate width of street walls shall be located within 8 feet of the street line and shall extend to at least the minimum base height, or the height of the building, whichever is less. 30% of the aggregate width of street walls may be recessed beyond 8 feet of the street line, provided that any such recesses deeper than 10 feet along a wide street or 15 feet along a narrow street are located within an outer court.	257.9 ft. 110.5 ft.	258.5 ft. 109.7 ft.	Complies Complies
35-651 (a) (3)	On corner lots, the street wall location provisions shall apply along only one street line.			
	Outer Court Regulations			
23-841 (b)	If an outer court is less than 30 feet wide, the width of such outer court shall be at least equal to the depth of such outer court.			
23-842	If an outer court is 30 feet or more in width it may extend to any depth.			
23-843	The width of an outer court recess shall be at least equal to the depth of such outer court recess outer court recess, except that such width need not exceed 30 feet.	30.0 ft.	35.8 ft.	Complies
Maximum Height of Buildings and Setback Regulations				
35-652	A setback is required for all portions of buildings or other structures that exceed the maximum base height shall be provided in accordance with the provisions set forth in paragraph (c) of Section 23-662.			
23-662(c)(1)	Webster Ave Avenue (wide street)	10 ft.	27.5 ft./35.8 ft.	Complies
	E 166th St (narrow street)	15 ft.	20.3 ft.	Complies
23-662(c)(2)	The setback depth may be reduced by 1 foot for every foot that the street wall is located beyond the street line, but in no event shall a setback of less than 7 feet.			
23-621(c)(1)	(c) In the districts indicated, for Quality Housing buildings, the permitted obstructions set forth in Section 23-62 shall apply to any building or other structure, except that within a required front setback distance above the maximum base height, the following rules shall apply: (1) Dormers shall be allowed as a permitted obstruction, provided that on any street frontage, the aggregate width of all dormers at the maximum base height does not exceed 60 percent of the width of the street wall of the highest story entirely below the maximum base height. For each foot above the maximum base height, the aggregate width of all dormers shall be decreased by one percent of the street wall width of the highest story entirely below the maximum base height.	See Z-002 - Z-003		
		189.3 ft. 60.0 ft.	186.1 ft. 50.7 ft.	Complies Complies
Inner Court				
23-851	(b) In the districts indicated, the area of an inner court shall not be less than 1,200 square feet, and the minimum dimension of such inner court shall not be less than 30 feet. However, the area and dimensions of an inner court may be reduced for a small inner court, provided that: (1) no legally required windows shall face onto such small inner court or any inner court recess thereof; (2) the area of such small inner court shall not be less than 200 square feet and no dimension shall be less than 10 feet; and (3) where the perimeter walls of such small inner court exceed a height of 75 feet, as measured from the lowest level of such inner court, at least 50 percent of such perimeter walls above a height of 75 feet shall setback 10 feet from the court opening. However, the depth of such required setback may be reduced one foot for every foot the minimum dimension of such court exceeds a width of 10 feet.	200.0 SF 10 ft.	4050 SF 23.25 ft. N/A	Complies Complies Complies N/A
Yard Requirements				
35-51	Front yard - None required	None	None	Complies
35-52	Side yard - None required, if provided at any level, it shall have a width of not less than 8 feet.	8 ft.	13.5 ft.	Complies
35-53	For a residential portion of a mixed building, the required residential rear yard shall be provided at the floor level of the lowest story used for dwelling units.			
23-47	Minimum residential rear yard	30 ft.	31.8 ft.	Complies
33-26	Minimum commercial rear yard	20 ft.	None per 33-23	Complies
23-541 & 33-301	No rear yard shall be required within 100 feet of the point of intersection of two street lines intersecting at an angle of 135 degrees or less.			
Permitted Obstructions				
	Height and Setback			
35-65	Permitted obstructions provisions of Section 33-42 shall apply to any building. In addition, a dormer may be allowed as a permitted obstruction pursuant to paragraph (c)(1) of Section 23-621.	See Z-002 and Z-003 for Zoning Diagrams		
33-42(d)	Chimneys or flues, with a total width not exceeding 10% of the aggregate width of street walls of a building at any level.			
33-42(f)	Elevator or stair bulkheads (not larger than 60 square feet in area), water tanks and accessory mechanical equipment, other than solar or wind energy systems.			
33-42(j)	Parapet walls, not more than 4 feet in height.			
33-42(n)	Solar energy systemsup to 4 feet in height, as measured from the maximum height limit.			
33-42(p)	Vegetated roofs, not more than 3 feet, 6 inches in height; excluding vegetation, as measured from the maximum height limit.			
33-42(t)	Wire, chain link or other transparent fences.			
	Yard or Rear Yard Equivalent			
23-44(a)(6)	Chimneys, projecting not more than 3 feet into, and not exceeding 2% of the area.			
23-44(a)(15)	Accessory power systems			
23-44(a)(21)	Walls, not exceeding 8 feet in height and not roofed or part of a building.			
33-23(a)(9)	Parking spaces for automobiles or bicycles.			
	Rear Yard or Rear Yard Equivalent			
24-33(b)(3)	Any building or portion of a building used for community facility uses provided that the height of such building shall not exceed one story, nor in any event 23 feet above curb level			
33-23	In all Commercial Districts, the following obstructions shall be permitted when located within a required yard or rear yard equivalent:			
	In any rear yard or rear yard equivalent:			
33-23(b)(3)	Any building or portion of a building used for any permitted use other than residences, except that any portion of a building containing rooms used for living or sleeping purposes (other than a room in a hospital used for the care or treatment of patients) shall not be a permitted obstruction, and provided that the height of such building shall not exceed one story, excluding basement, nor in any event 23 feet above curb level. In addition, decks, parapet walls, roof thickness, skylights, vegetated roofs, and weirs, pursuant to Section 33-42 (Permitted Obstructions), shall be permitted above such a building, or portion thereof.	See B3/Z-003		
33-23(b)(5)	Parking spaces for automobiles or bicycles.			
Density Calculations				
35-40	The maximum number of dwelling units shall equal the maximum residential floor area permitted for the zoning divided by the applicable factor in Section 23-20. For the purposes of such calculation, the maximum residential floor area permitted on the zoning lot shall equal the applicable total floor area permitted on the zoning lot, minus the amount of non-residential floor area.			
23-22	Dwelling unit factor	680		
	Maximum dwelling units 190,547 SF / 680 =	280 DU	259 DU	Complies
Parking Requirements				
Automobile Parking				
74-533	The automobile parking requirements is: Waived for income -restricted dwelling units within a Transit Zone	None	None	Complies
	UG3A - None required	None	None	Complies
	UG4A - None required	None	None	Complies
36-21	Food stores with more than 2,000 SF of floor area is 1 space per 1,000 SF 23,806 SF / 1,000 SF =	23,806	None per 36-232(a)	Complies
25-12 & 36-12	No accessory group parking facility shall contain more than 200 spaces.			
25-162	In the districts indicated, on a zoning lot used for residences, not more than one off-street parking space shall be provided for every 300 square feet of lot area.			
36-232(a)	The automobile parking requirement shall be waived if the total number of required for all such uses on the zoning lot is less than 40.			

Bicycle Parking					
25-811 & 36-711	The enclosed bicycle parking requirement is:				
	UG2 is 1 per 2 DU	259 DU / 2 =	130	130	Complies
	UG4A is 1 per 10,000 SF	6,270.0 SF / 10,000 SF =	1	None	Complies
	UG6A is 1 per 10,000 SF	18,270.0 SF / 10,000 SF =	2	None	Complies
	Bicycle Room Area	1390 / 130 = 10.6 sf. @ bicycle		1390 sf.	
36-711(d)	The bicycle parking requirements shall be waived for community facility or commercial uses where the number of required bicycle parking spaces is 3 or less.				
Loading					
36-62	The loading berth requirement for all retail or service uses listed in UG6A is: For the first 25,000 SF	None	0	1	Complies
36-682	No off-street loading berth, and no entrance or exit thereto, shall be located less than 50 feet from the intersection of any two street lines.				
36-683	Where accessory off-street loading berths are located within 60 feet of a Residence District boundary, such berths shall be enclosed within a building, and no entrance to or exit from the berths onto the street shall be less than 30 feet from the district boundary				
Curb Cuts					
25-631	In R7X Districts only one curb cut, having a maximum width of 12 feet, including splays, shall be permitted on any street frontage of a zoning lot. However, where a curb cut accesses a group parking facility with 50 or more spaces, the maximum width of a curb cut shall be 22 feet.		12.00'	12.00'	Complies
NYCBC 406.7.6	The aggregate length of curb cuts shall not exceed 60% of any street frontage 100 feet or less in length. No single curb cut shall exceed 30 feet in length, and there shall not be more than two curb cuts on any street frontage 100 feet or less in length. The minimum distance between two curb cuts shall be 5 feet.				
Quality Housing Program					
28-12	Enclosed refuse storage to be provided at rate of and removal locations shall be provided at the rate of 2.9 cubic feet per dwelling unit, and a refuse disposal room of not less than 12 square feet with no dimension less than 3 feet shall be provided on each story that has entrances to dwelling units.				
	Required Refuse Storage Space	259 DU x 2.9 cu. ft. =	751.1 cu. ft.	751.1 cu. ft.	Complies
28-13	If the building provides the following, then that portion of the laundry room which is used to meet these minimum requirements shall be excluded from the definition of floor area:			See A-529	
	(a) at least one washing machine per 20 dwelling units and at least one dryer per 40 dwelling units;				
	Required Washers	259/20 =	13 Washers	18 Washers	Complies
	Required Dryers	259/40 =	7 Dryers	18 Dryers	Complies
	(b) such machines are located in a room or rooms with an additional three square feet of unobstructed floor space equipped with chairs and tables for folding laundry for each machine provided;			See A-529	
	Required SF	3 SF x 36 =	108.0 SF	110.0 SF	Complies
	(c) such rooms have at least one exterior wall with windows, or ceilings with skylights, measuring not less than 9.5 percent of the total floor space of the rooms;			See A-529	
	Required Light Area	9.5% x 777 SF =	73.8 SF	91.4 SF	Complies
28-14	50% of the square footage of a corridor may be excluded from the definition of floor area if a window with a clear, non-tinted, glazed area of at least 20 SF is provided in such corridor, provided that such window: (a) shall be directly visible from at least 50 percent of the corridor or from the vertical circulation core. This standard shall be achieved when a visually unobstructed straight line can be drawn between such corridor, elevator or stairwell, and the window; and (b) is facing a street, yard or court that meets the applicable regulations set forth in Article II, Chapter 3.			See Z-006 - Z-008	Complies
28-21	All developments with nine or more dwelling units, and enlargements, extensions or conversions, that result in nine or more dwelling units, shall provide at least the minimum amount of recreation space as set forth in the table in this Section. The amount of recreation space required is expressed as a percentage of the total residential floor area The floor space of indoor recreation space provided in accordance with the standards set forth in Section 28-22 (Standards for Recreation Space), not exceeding the amount required in the table, shall be excluded from the definition of floor area.			See Z-002 See A-523 & A-525	
	Minimum Required Recreation Space	190,546.9 SF x 3.3% =	6,288.0 SF		
	Provided Recreation Space			See Z-002	
	2nd Floor Amenity		901.9 SF		
	2nd Floor Terrace		4,567.0 SF		
	TOTAL		5,468.9 SF	5,468.9 SF	
Street Tree Planting					
26-41	1 tree per 25 feet of street frontage				
	Webster Avenue	368.4 ft. / 25 =	15	19	Complies
	East 166th Street	100 ft. / 25 =	4		
	Proposed Street Trees to remain		7	7	
	Proposed Street Trees to be planted on site		7	7	
	Proposed Street Trees to be paid into the Tree Fund		5	5	
Mandatory Inclusionary Housing					
23-154 (d)	(2) (iii) in an R7-3 or R7X District, the maximum floor area ratio shall be 6.0; (3) (i) Option 1 For MIH developments utilizing Option 1, an amount of affordable floor area for qualifying households shall be provided that is equal to at least 25 percent of the residential floor area within such MIH development. The weighted average of all income bands for affordable housing units shall not exceed 60 percent of the income index, and there shall be no more than three income bands. At least 10 percent of the residential floor area within such MIH development shall be affordable within an income band at 40 percent of the income index, and no income band shall exceed 130 percent of the income index.		6	5.17	Complies Complies
				See G-003	
23-96 (b)	Distribution of affordable housing units In new construction affordable housing, where one or more of the dwelling units or rooming units in a generating site, other than any super's unit, are not affordable housing units (1) the affordable housing units shall be distributed on not less than 65 percent of the residential stories of such generating site; and (2) not more than one-third of the dwelling units and rooming units on any story of such generating site shall be affordable housing units, unless not less than one-third of the dwelling units and rooming units on each residential story of such generating site are affordable housing units. In an MIH site, where one or more of the dwelling units or rooming units, other than any super's unit, are not affordable housing units, the affordable housing units shall share a common primary entrance with the other dwelling units or rooming units.			See G-003	
				See G-003	
23-96 (c)	Bedroom mix of affordable housing units (1) In new construction affordable housing, where one or more of the dwelling units in a generating site or MIH site, other than any super's unit, are not affordable housing units, either: (i) the dwelling units in the generating site or MIH site that are affordable housing units shall contain a bedroom mix at least proportional to the bedroom mix of the dwelling units in the generating site, other than any super's unit, that are not affordable housing units; or (ii) not less than 50 percent of the dwelling units in the generating site or MIH site that are affordable housing units shall contain two or more bedrooms and not less than 75 percent of the dwelling units in the generating site or MIH site that are affordable housing units shall contain one or more bedrooms. (2) Where all of the dwelling units in a generating site or MIH site, other than any super's unit, in new construction affordable housing and substantial rehabilitation affordable housing are affordable housing units, not less than 50 percent of such affordable housing units shall contain two or more bedrooms and not less than 75 percent of such affordable housing units shall contain one or more bedrooms. (3) All of the supportive housing units in a generating site or MIH site shall be affordable housing units and shall contain such configuration as HPD shall require. (4) For purposes of this paragraph, (c), inclusive, fractions equal to or greater than one-half resulting from any calculation shall be considered to be one dwelling unit.			See G-003	
23-96 (d)	Size of affordable housing units (1) In new construction affordable housing, an affordable housing unit in a generating site shall contain not less than the following floor area within the perimeter walls: (i) 0 BR 400 SF (ii) 1 BR 575 SF (iii) 2 BR 775 SF (iv) 3 BR 950 SF For an MIH site, the average size of affordable housing units of a particular bedroom count shall be not less than either the average size of dwelling units that are not affordable housing units with the same bedroom count, or the minimum size specified above for a dwelling unit of a particular bedroom count, whichever is less. For an MIH site, HPD may specify the method of measuring floor area within affordable housing units in the guidelines, compliant with Department of Buildings practice; and (3) Supportive housing units shall comply with the size requirements specified by HPD.			See G-003	

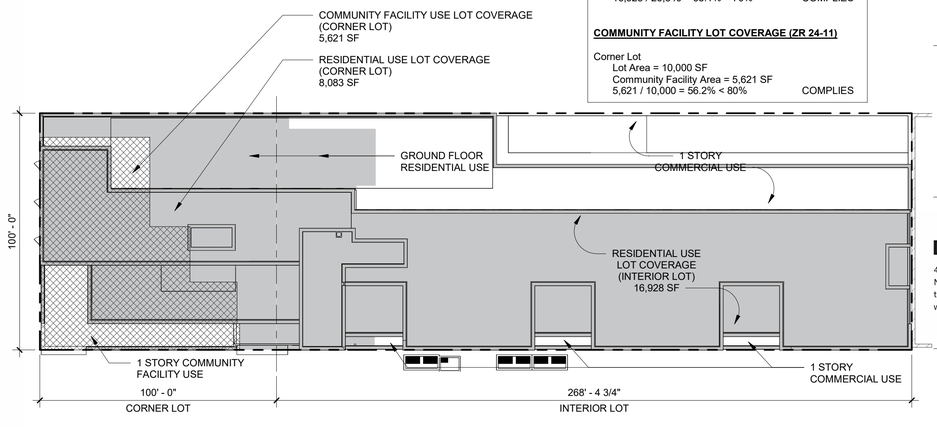
RESIDENTIAL LOT COVERAGE (ZR 35-32, ZR 23-153)

Corner Lot
Lot Area = 10,000 SF
Residential Area = 8,083 SF
8,083 / 10,000 SF = 80.8% < 100% COMPLIES

Interior Lot
Lot Area = 26,840 SF
Residential Area = 16,928 SF
16,928 / 26,840 = 63.1% < 70% COMPLIES

COMMUNITY FACILITY LOT COVERAGE (ZR 24-11)

Corner Lot
Lot Area = 10,000 SF
Community Facility Area = 5,621 SF
5,621 / 10,000 = 56.2% < 80% COMPLIES



A3 Zoning - Lot Coverage
1/32" = 1'-0"

Zoning Floor Area

	Gross Area	Deduction Area: Electrical	Mechanical	Plumbing	Stair Bulkhead	Elevator Bulkhead	Bicycle Parking	Quality Housing: Corridor (Daylight)	Indoor Recreation	Laundry	Refuse Room	Deduction Total	Zoning Floor Area (ZFA)	Deduction Areas: City of Yes ULEB	Zoning Floor Area (ZFA)
Community Facility															
Level 1	4,977.0			16.2								16.2	4,960.8		
CF Total	**4,977.0**	-	-	**16.2**	-	-	-	-	-	-	-	**16.2**	4,960.8	248.04	**4,712.76**
Retail															
Level 1	19,911.0	10.6		10.2								20.8	19,890.2		
Retail Total	**19,911.0**	**10.6**	-	**10.2**	-	-	-	-	-	-	-	**20.8**	19,890.2	994.51	**18,895.69**
Residential															
Bulkhead Roof													-		
Bulkhead	1,574.0				398.0	1,176.0						1,574.0	-		
Level 11	17,509.0	10.6	11.7	232.8				1,079.1			12.0	1,346.2	16,162.8		
Level 10	21,272.0	10.6	20.8	302.5	-	-	-	1,079.9	-	-	12.0	1,425.8	19,846.2		
Level 9	21,272.0	10.6	20.8	302.5	-	-	-	1,079.9	-	-	12.0	1,425.8	19,846.2		
Level 8	21,272.0	10.6	20.8	302.5				1,079.9			12.0	1,425.8	19,846.2		
Level 7	21,272.0	10.6	20.8	302.8	-	-	-	1,047.4	-	-	12.0	1,393.6	19,878.4		
Level 6	21,272.0	10.6	20.8	302.8	-	-	-	1,047.4	-	-	12.0	1,393.6	19,878.4		
Level 5	21,272.0	10.6	20.8	302.8	-	-	-	1,047.4	-	-	12.0	1,393.6	19,878.4		
Level 4	21,272.0	10.6	20.8	302.8	-	-	-	1,047.4	-	-	12.0	1,393.6	19,878.4		
Level 3	21,272.0	10.6	20.8	302.8				1,047.4			12.0	1,393.6	19,878.4		
Level 2	21,391.0	10.6	11.7	237.2				984.6	991.0	354.0	12.0	2,601.1	18,789.9		
Level 1	7,864.0		4.2	11.4			1,615.4					1,631.0	6,233.0		
Cellar	6,581.0											6,581.0	-		
Residential Total	**225,095.0**	**106.0**	**194.0**	**2,902.9**	**398.0**	**1,176.0**	**1,615.4**	**10,540.4**	**991.0**	**354.0**	**120.0**	**24,978.7**	200,116.3	10,005.82	**190,110.49**
Building Total	**249,983.0**	**116.6**	**194.0**	**2,929.3**	**398.0**	**1,176.0**	**1,615.4**	**10,540.4**	**991.0**	**354.0**	**120.0**	**25,015.7**	224,967.3	**TOTAL ZFA**	**213,718.9**

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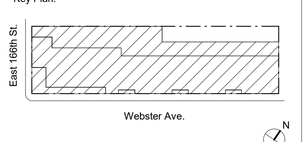
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:

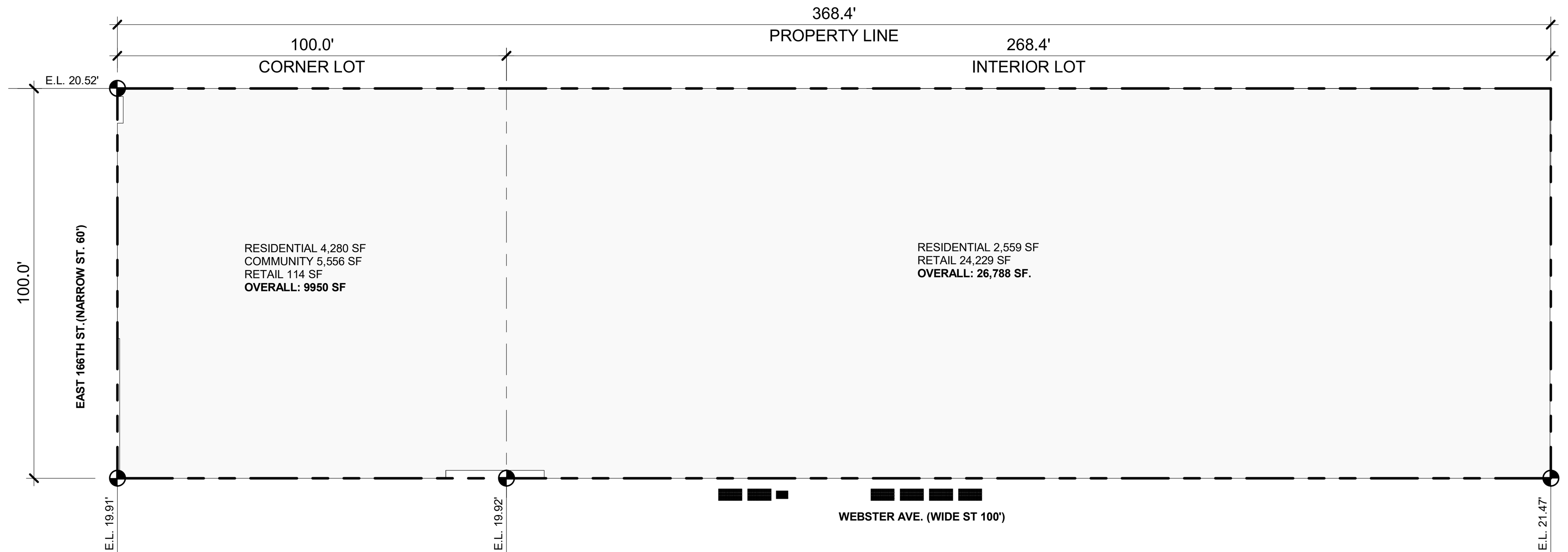


Key Plan

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Zoning Data & Diagrams

Date	08/30/2024
Scale	1/32" = 1'-0"
Drawn By	DK/ER
Checked By	RE
Project No.	2231 Seal
Sheet No.:	Z-001.00



A1 Zoning - Base Plane Diagram
1/32" = 1'-0"

BASE PLANE CALCULATION		
	CORNER LOT	INTERIOR LOT
LOT AREA	10,000 SF	26,840 SF
BUILDING FOOTPRINT	9,950 SF	26,788 SF
COMMUNITY FACILITY	5,556 SF	-
RETAIL	114 SF	24,229 SF
RESIDENTIAL	4,280 SF	2,559 SF
LOT COVERAGE	99.5 %	99.8 %
STREET LINE ELEVATION		
POINT	20.52'	19.92'
POINT	19.91'	21.47'
POINT	19.92'	-
AVERAGE BASE PLANE	20.01'	20.70'
ADJUSTED BASE PLANE	20.51'	

COMMERCIAL DISTRICT PER ZR 35-651

STREET WALL LENGTH	368.4'
RECESS LENGTH	25.3'
RECESS DEPTH	2.0'

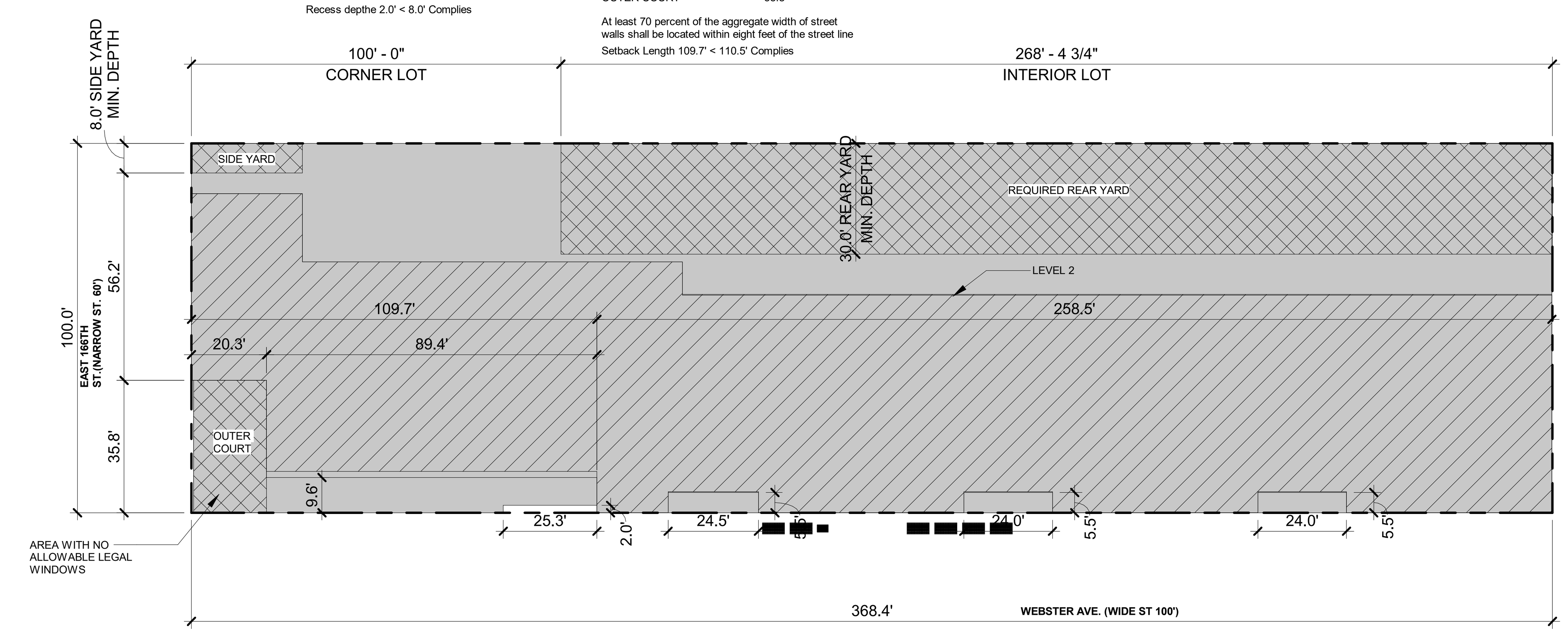
Recess depthe 2.0' < 8.0' Complies

COMMERCIAL DISTRICT PER ZR 35-651

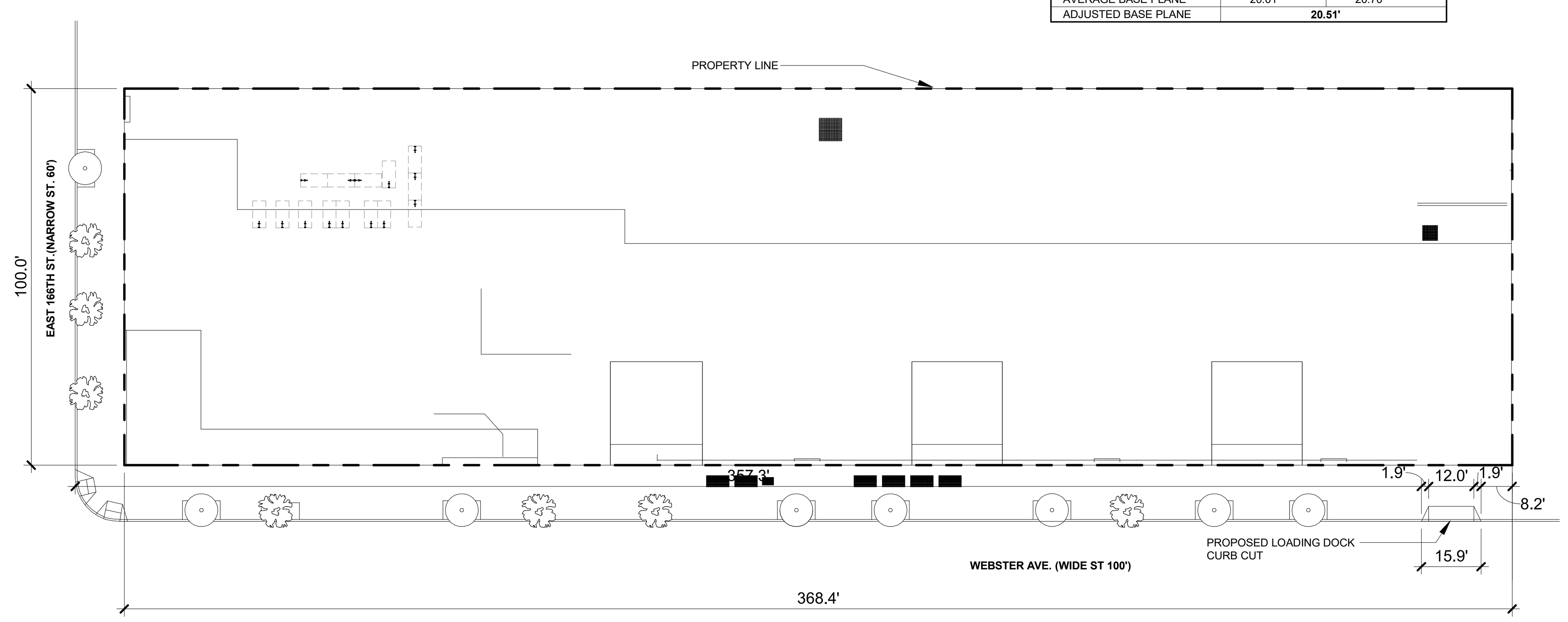
STREET WALL LENGTH	368.4'
SETBACK LENGTH	109.7'
RECESS DEPTH	9.6'/35.8'
OUTER COURT	35.8'

At least 70 percent of the aggregate width of street walls shall be located within eight feet of the street line

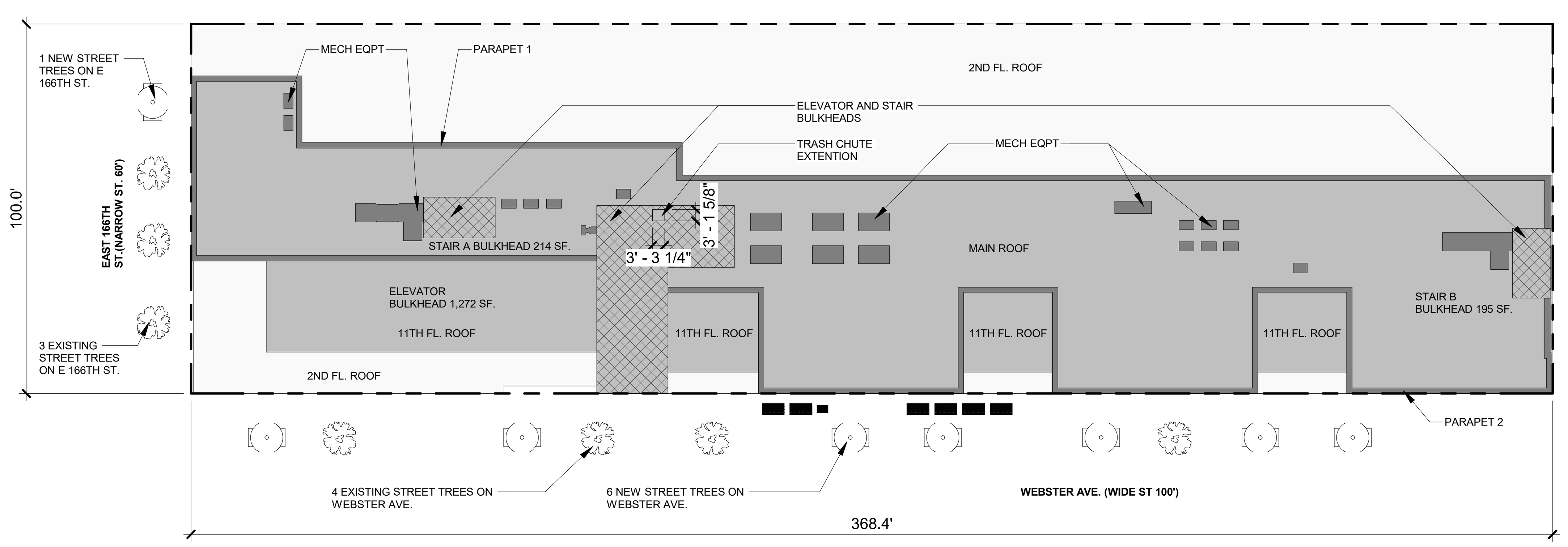
Setback Length 109.7' < 110.5' Complies



A3 Zoning - Street Wall Analysis
1/32" = 1'-0"



B1 Zoning - Curbcut Diagram
1/32" = 1'-0"



STREET TREE LEGEND

NEW TREE

EXISTING TREE TO REMAIN

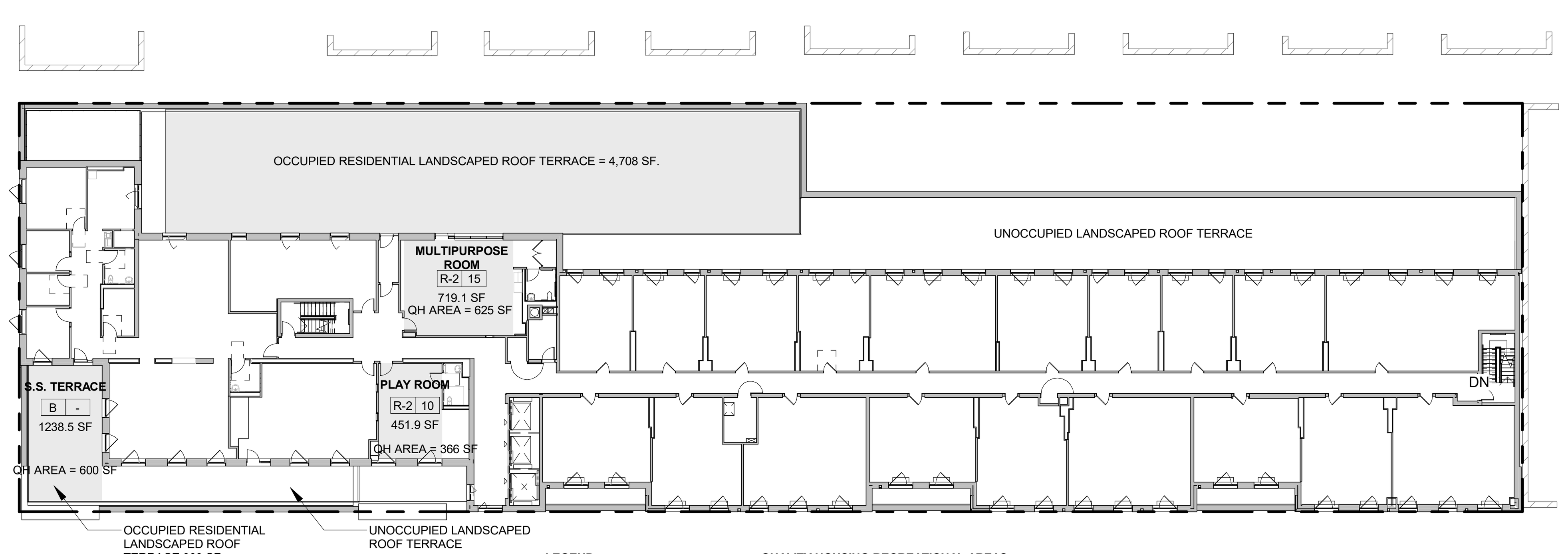
STREET TREE PLANTING	
STREET	FRONTAGE
EAST 166TH ST.	100.00'
WEBSTER AVE.	368.40'
TOTAL	468.40'
468.40' / 25 = 18.73 = 19 TREES REQUIRED	
EXISTING TREES TO REMAIN	7
PROPOSED ON-SITE STREET TREES	7
STREET TREES FOR WHICH PAYMENT WILL BE MADE TO THE DEPT. OF PARKS FOR PLANTING	5
TOTAL	19

BC 504.3.1

Rooftop structures including but not limited to roof tanks and their supports, ventilating, air conditioning, combined heat and power systems and similar building service equipment, bulkheads, penthouses, greenhouses, chimneys, and parapet walls 4 feet (1219 mm) or less in height shall not be included in the building height of the building or considered an additional story unless the aggregate area of all such structures, exclusive of any solar thermal and solar (photovoltaic) collectors and/or panels and their supporting equipment, exceeds 331/3 percent of the area of the roof of the building upon which they are erected. Rooftop structures shall be constructed in accordance with Section 1510.

ROOF STRUCTURE	AREA
STAIR A BULKHEAD	214 sf.
ROOF ELEVATOR AND MECH BULKHEAD	1,272 sf.
STAIR B BULKHEAD	195 sf.
PARAPET 1	848 sf.
PARAPET 2	601 sf.
MECH EQPT	655 sf.
TOTAL	3,785 sf.
OVERALL ROOF AREA	17,514 sf.
ALLOWED BULKHEAD AREA	17,514 sf. X .333 = 5,832 sf.
	3,785 sf. < 5,832 sf. COMPLIES

B3 Zoning - Street Trees, Bulkhead & Trash Flue
1/32" = 1'-0"

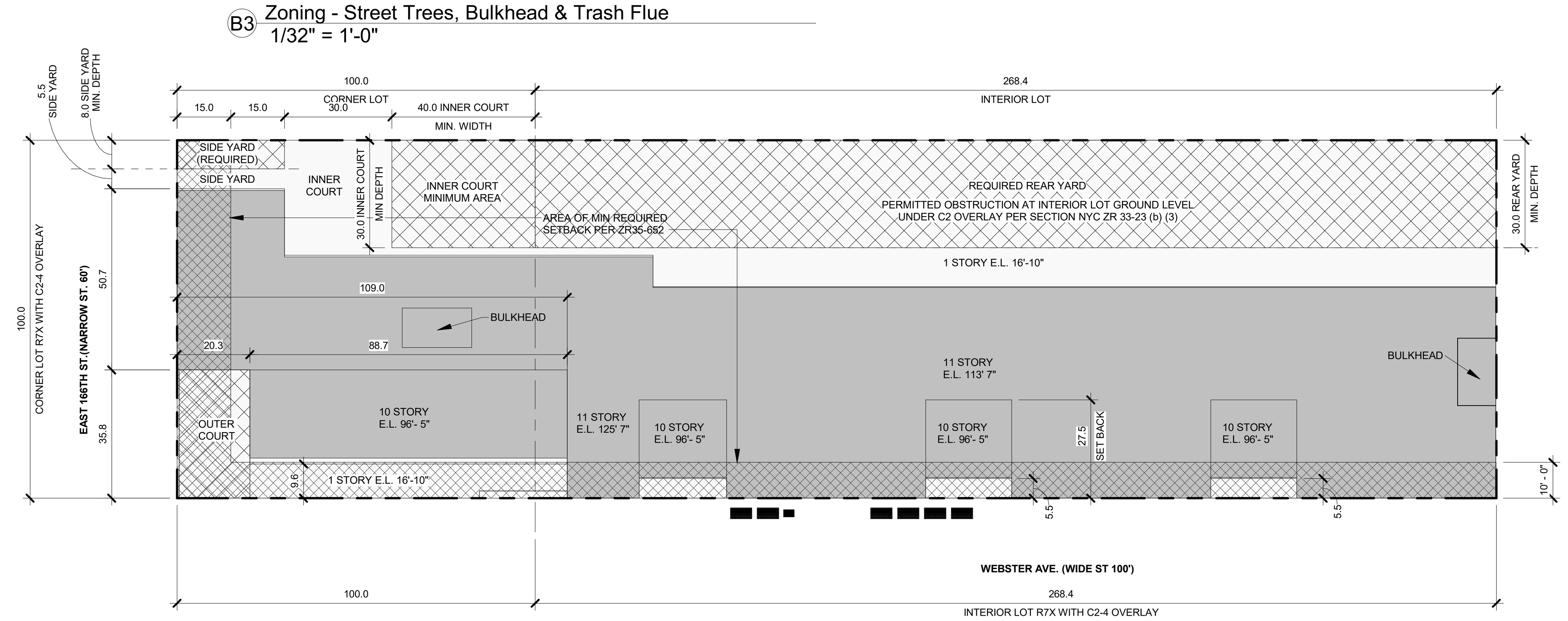


LEGEND

RECREATIONAL AREAS

QUALITY HOUSING RECREATIONAL AREAS		
RESIDENTIAL ROOF TERRACE	5,308 SF	
MULTI PURPOSE ROOM	625 SF	See A-523 for QH Rec Space Compliance
PLAY ROOM	366 SF	See A-525 for QH Rec Space Compliance
TOTAL	6,299 SF	

C1 Quality Housing Recreational Areas
1/32" = 1'-0"



C3 Zoning - Yards and Courts
1/32" = 1'-0"

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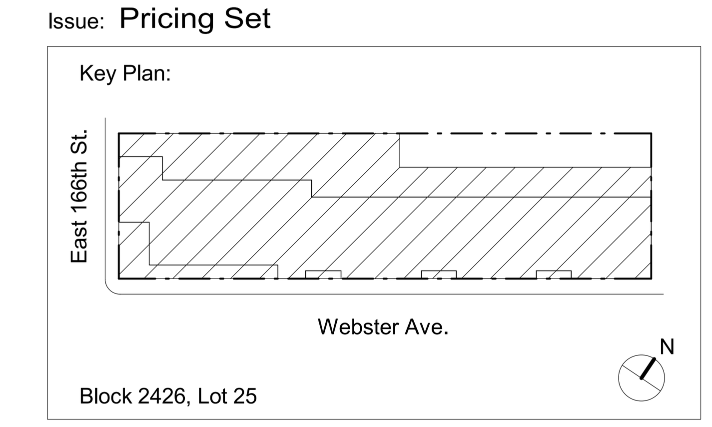
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Issue: Pricing Set



Key Plan

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Zoning Data & Diagrams

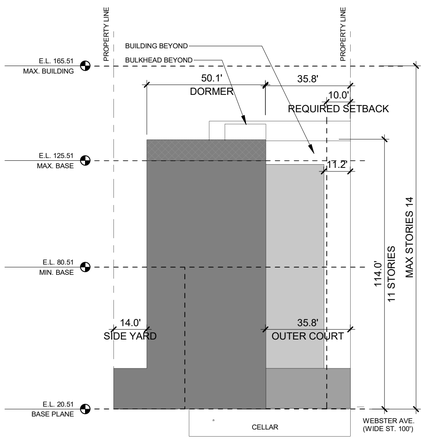
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Checked By	RE
Project No.	2231

Seal

Sheet No.: Z-002.00

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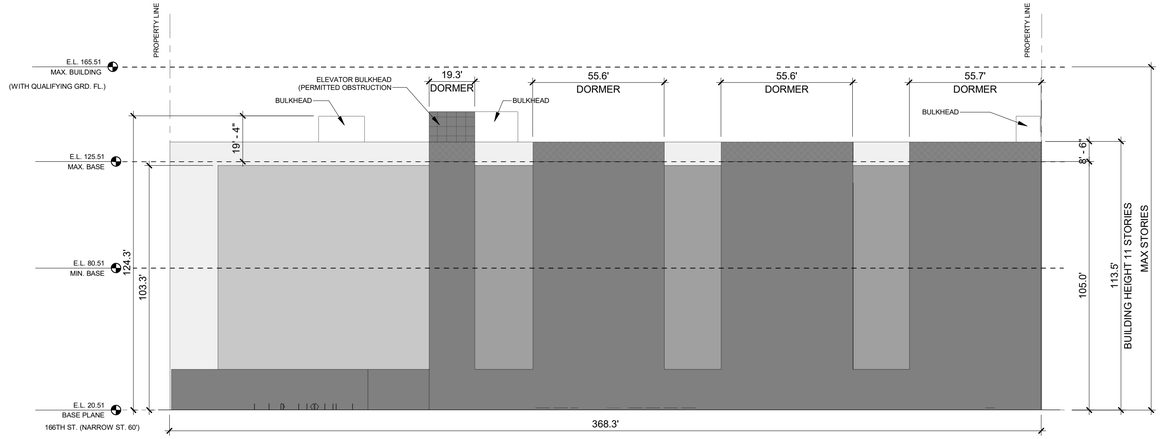
A1 Zoning South Elevation
1/32" = 1'-0"

ELEVATION AT E166TH ST.

DORMER RESTRICTIONS (ZR 23-621 (C)(1)).
MAX DORMER WIDTH EQUALS 60% OF THE STREET WALL WIDTH THAT IS BELOW THE MAX BASE HEIGHT OF 105'-0", MINUS 1% FOR EVERY FOOT THE HEIGHT OF THE DORMER IS ABOVE THE MAX BASE HEIGHT (8.6')

100' x 60% = 60' (60% of street wall)
8.6' X (100' X 1%) = 8.6' (1% less for each foot above base height)
ALLOWED DORMER 60 - 8.6 = 51.4' MAX

DORMER = 49.4' (COMPLIES)



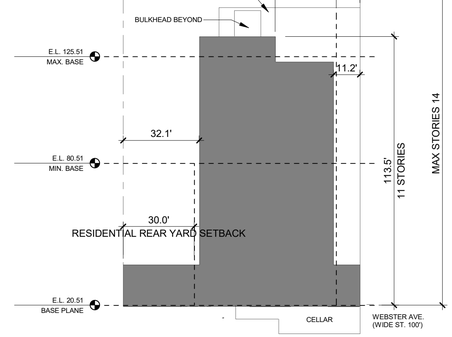
A3 Zoning Dormer Calculation (East Elevation)
1/32" = 1'-0"

ELEVATION AT WEBSTER AVE.

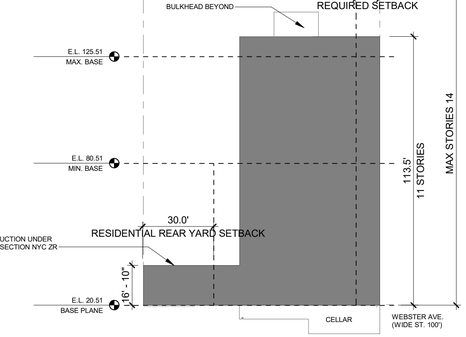
DORMER RESTRICTIONS (ZR 23-621 (C)(1)).
MAX DORMER WIDTH EQUALS 60% OF THE STREET WALL WIDTH THAT IS BELOW THE MAX BASE HEIGHT OF 105'-0", MINUS 1% FOR EVERY FOOT THE HEIGHT OF THE DORMER IS ABOVE THE MAX BASE HEIGHT (8.6')

368.4' x 60% = 221.04 (60% of street wall)
8.6' X (368.4' X 1%) = 31.68' (1% less for each foot above base height)
ALLOWED DORMER 221.04 - 31.68 = 189.36' MAX

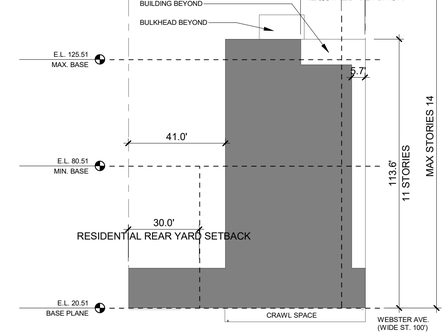
DORMER = 186.1' (COMPLIES)



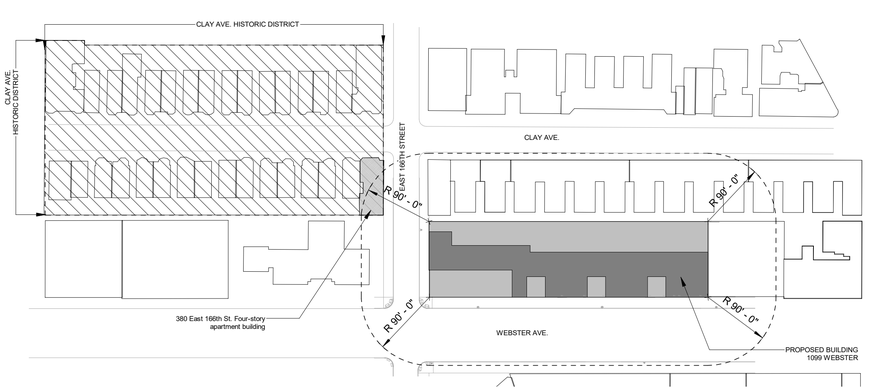
B1 Zoning East West Section 4
1/32" = 1'-0"



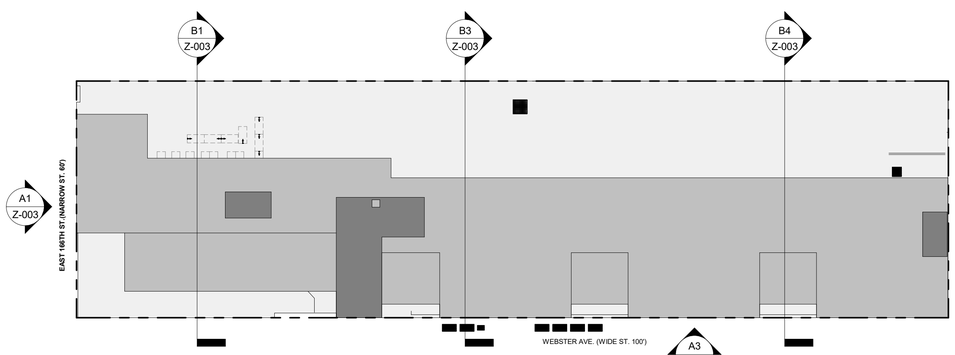
B3 Zoning East West Section 3
1/32" = 1'-0"



B4 Zoning East West Section 2
1/32" = 1'-0"



C1 Landmarks District Diagram
1" = 100'-0"



C3 Zoning - Key Plan
1/32" = 1'-0"

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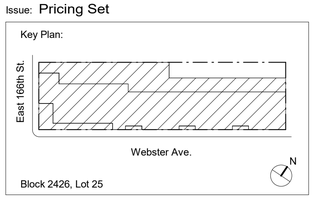
P4	Pricing Set	24-0830
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Zoning Data & Diagrams

Date	08/30/2024
Scale	As indicated
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Project No.	2231

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Zoning Gross Area - Cellar

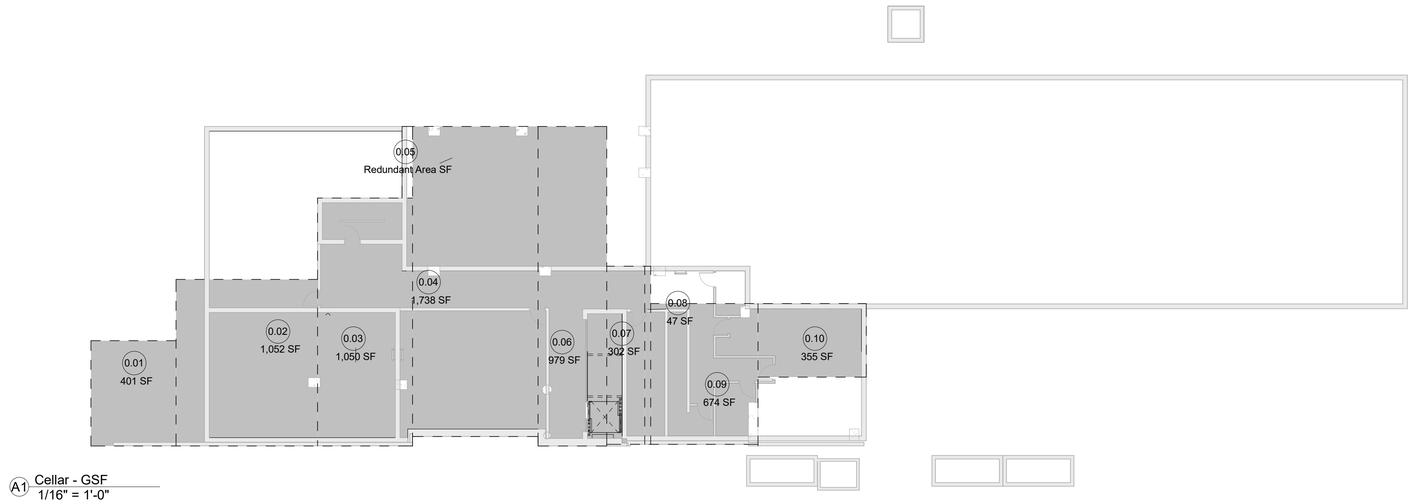
Number	Width	Length	Area
Cellar			
Residential			
0.01	18' - 0"	22' - 3"	401 SF
0.02	29' - 10 13/16"	35' - 2 1/4"	1,052 SF
0.03	20' - 0 5/8"	52' - 4 1/2"	1,050 SF
0.04	26' - 6 5/16"	65' - 6"	1,738 SF
0.05			Redundant Area
0.06	14' - 6"	67' - 5 7/8"	979 SF
0.07	8' - 0 3/8"	37' - 7 3/8"	302 SF
0.08	1' - 3"	37' - 7 3/8"	47 SF
0.09	22' - 8 1/8"	29' - 8 15/16"	674 SF
0.10	15' - 6 9/16"	22' - 10 3/8"	355 SF
			6,598 SF
TOTAL			6,598 SF

Zoning Gross Area - Level 1

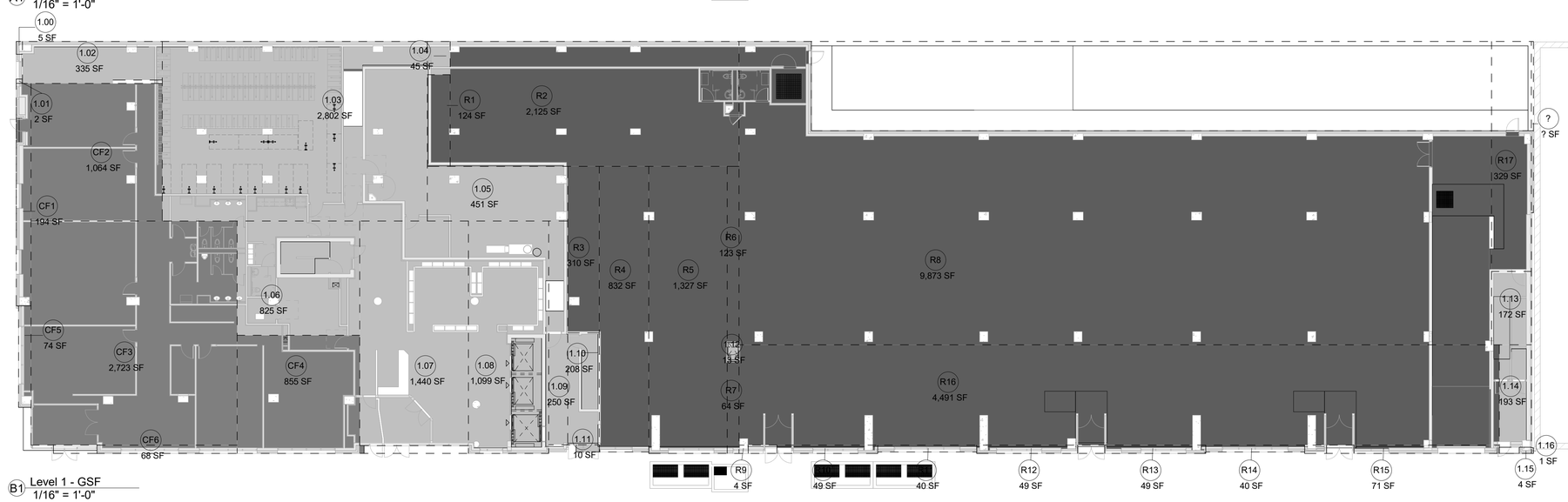
Number	Width	Length	Area
Level 1			
Community Facility			
CF1	3' - 7"	54' - 0"	194 SF
CF2	31' - 10 1/4"	33' - 4 3/4"	1,064 SF
CF3	48' - 4 7/16"	56' - 3 9/16"	2,723 SF
CF4	24' - 3 7/16"	35' - 2 5/16"	855 SF
CF5	3' - 0"	24' - 7 13/16"	74 SF
CF6	2' - 0"	34' - 0 5/16"	68 SF
			4,977 SF
Residential			
1.00	1' - 6"	3' - 1 1/4"	5 SF
1.01	1' - 0 13/16"	1' - 6"	2 SF
1.02	9' - 11 3/16"	33' - 9 3/16"	335 SF
1.03	43' - 6 13/16"	64' - 3 11/16"	2,802 SF
1.04	5' - 6 3/4"	8' - 0 5/8"	45 SF
1.05	13' - 3"	34' - 0 3/4"	451 SF
1.06	27' - 9"	29' - 8 3/4"	825 SF
1.07	26' - 4 13/16"	54' - 6 9/16"	1,440 SF
1.08	19' - 5 5/8"	56' - 5 3/16"	1,099 SF
1.09	4' - 7 3/16"	54' - 4 3/16"	250 SF
1.10	7' - 8 1/16"	27' - 2 1/16"	208 SF
1.11	1' - 9"	5' - 7 11/16"	10 SF
1.12	2' - 10 1/2"	4' - 7 1/2"	13 SF
1.13	9' - 7 3/4"	17' - 10"	172 SF
1.14	7' - 9"	24' - 10 1/8"	193 SF
1.15	1' - 6"	2' - 11"	4 SF
1.16	6 1/4"	1' - 4 5/16"	1 SF
			7,854 SF
Retail			
R1	5' - 6 3/4"	22' - 3 3/16"	124 SF
R2	30' - 3 13/16"	70' - 1 1/16"	2,125 SF
R3	7' - 8 1/16"	40' - 5 1/8"	310 SF
R4	12' - 0"	69' - 4 3/16"	832 SF
R5	19' - 0 1/2"	69' - 8 3/16"	1,327 SF
R6	2' - 10 1/2"	42' - 8 7/8"	123 SF
R7	2' - 10 1/2"	22' - 3 13/16"	64 SF
R8	47' - 2 13/16"	209' - 0 1/16"	9,873 SF
R9	2' - 0"	2' - 2 11/16"	4 SF
R10	2' - 0"	24' - 5 3/4"	49 SF
R11	1' - 8"	24' - 0"	40 SF
R12	2' - 0"	24' - 5 3/4"	49 SF
R13	2' - 0"	24' - 5 3/4"	49 SF
R14	1' - 8"	24' - 0"	40 SF
R15	2' - 0"	35' - 3 7/16"	71 SF
R16	24' - 4 1/8"	184' - 5 13/16"	4,491 SF
R17	9' - 7 3/4"	34' - 1 7/8"	329 SF
R18	6 1/4"	19' - 10 7/8"	10 SF
			19,910 SF
TOTAL			32,742 SF

Zoning Gross Area - Level 2

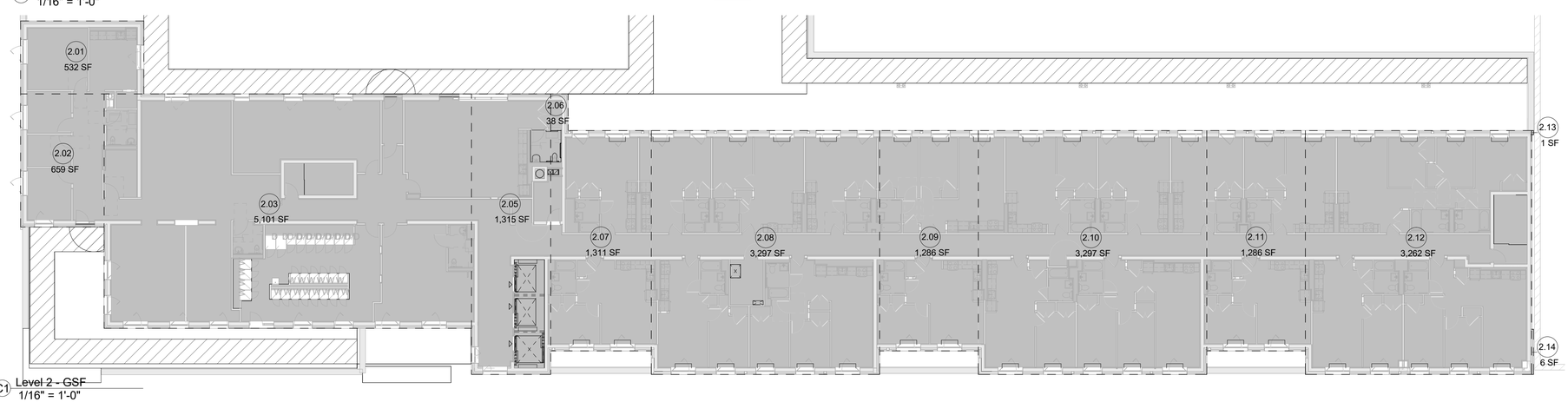
Number	Width	Length	Area
Level 2			
Residential			
2.01	17' - 8 7/8"	30' - 0 1/16"	532 SF
2.02	20' - 3 15/16"	32' - 4 13/16"	659 SF
2.03	57' - 0 5/8"	89' - 4 15/16"	5,101 SF
2.05	19' - 3 1/4"	68' - 2 15/16"	1,315 SF
2.06	4' - 2 3/4"	8' - 11 1/16"	38 SF
2.07	24' - 5 5/8"	53' - 7 1/8"	1,311 SF
2.08	55' - 7"	59' - 3 7/8"	3,297 SF
2.09	24' - 0"	53' - 7 1/8"	1,286 SF
2.10	55' - 7"	59' - 3 7/8"	3,297 SF
2.11	24' - 0"	53' - 7 1/8"	1,286 SF
2.12	54' - 11 3/4"	59' - 3 7/8"	3,262 SF
2.13	6 1/4"	1' - 0"	1 SF
2.14	6 1/4"	11' - 0"	6 SF
			21,391 SF
TOTAL			21,391 SF



A1 Cellar - GSF
1/16" = 1'-0"



B1 Level 1 - GSF
1/16" = 1'-0"



C1 Level 2 - GSF
1/16" = 1'-0"

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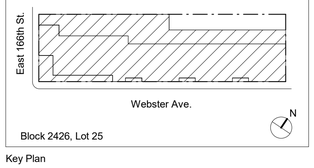
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Issue: Pricing Set

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Key Plan

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Date	08/30/2024
Scale	1/16" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

Seal

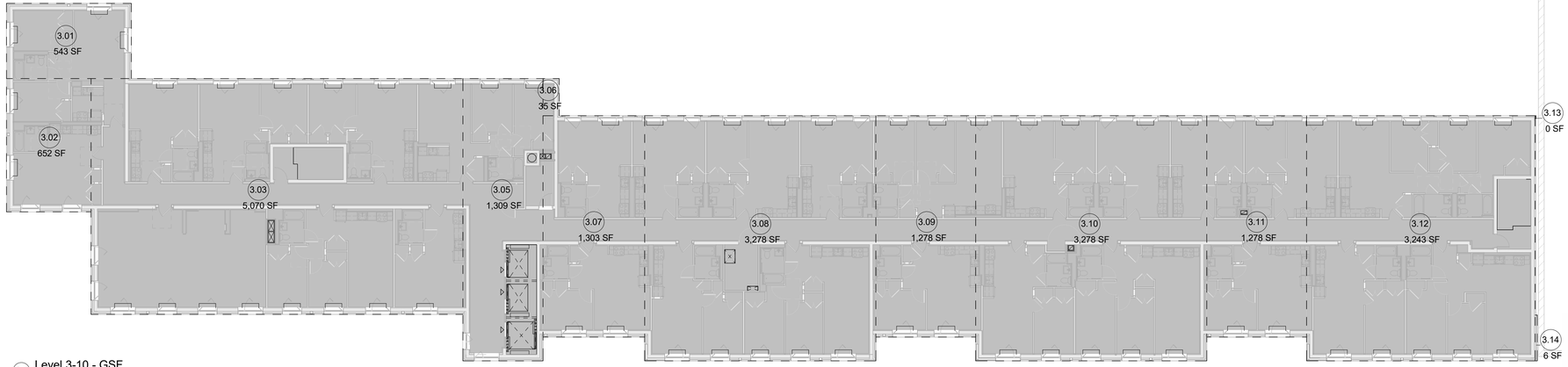
Sheet No.:

Z-004.00

Zoning Gross Area Tabulations

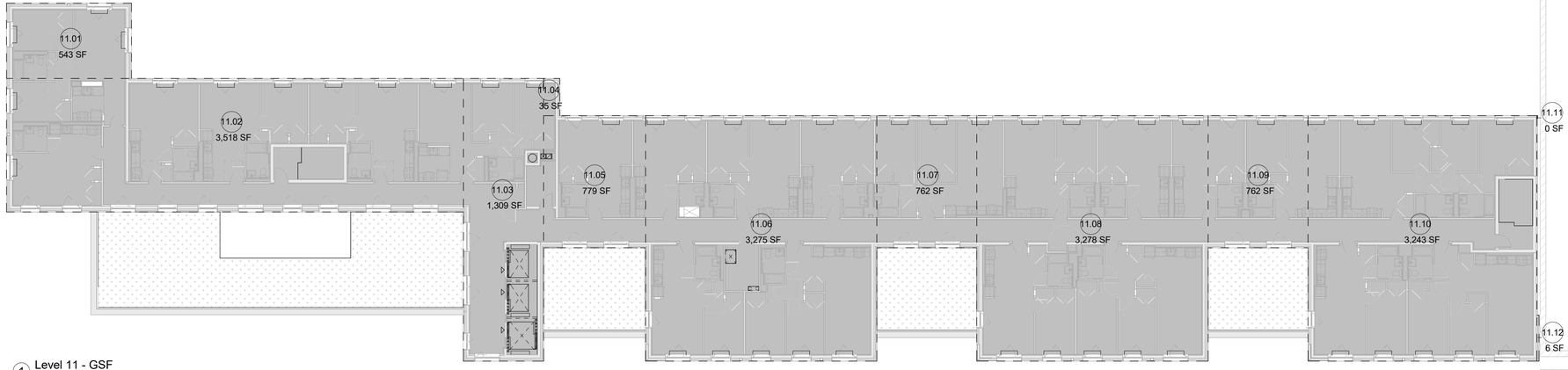
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Zoning Gross Area - Level 3-10			
Number	Width	Length	Area
Level 3			
Residential			
3.01	18' - 1"	30' - 0 1/16"	543 SF
3.02	20' - 3 15/16"	32' - 0 11/16"	652 SF
3.03	56' - 8 1/2"	89' - 4 15/16"	5,070 SF
3.05	19' - 3 1/4"	67' - 10 13/16"	1,309 SF
3.06	3' - 10 5/8"	8' - 11 1/16"	35 SF
3.07	24' - 5 5/8"	53' - 3"	1,303 SF
3.08	55' - 7"	58' - 11 3/4"	3,278 SF
3.09	24' - 0"	53' - 3"	1,278 SF
3.10	55' - 7"	58' - 11 3/4"	3,278 SF
3.11	24' - 0"	53' - 3"	1,278 SF
3.12	54' - 11 3/4"	58' - 11 3/4"	3,243 SF
3.13	2 1/8"	8"	0 SF
3.14	6 1/4"	11' - 0"	6 SF
			21,272 SF
TOTAL			21,272 SF



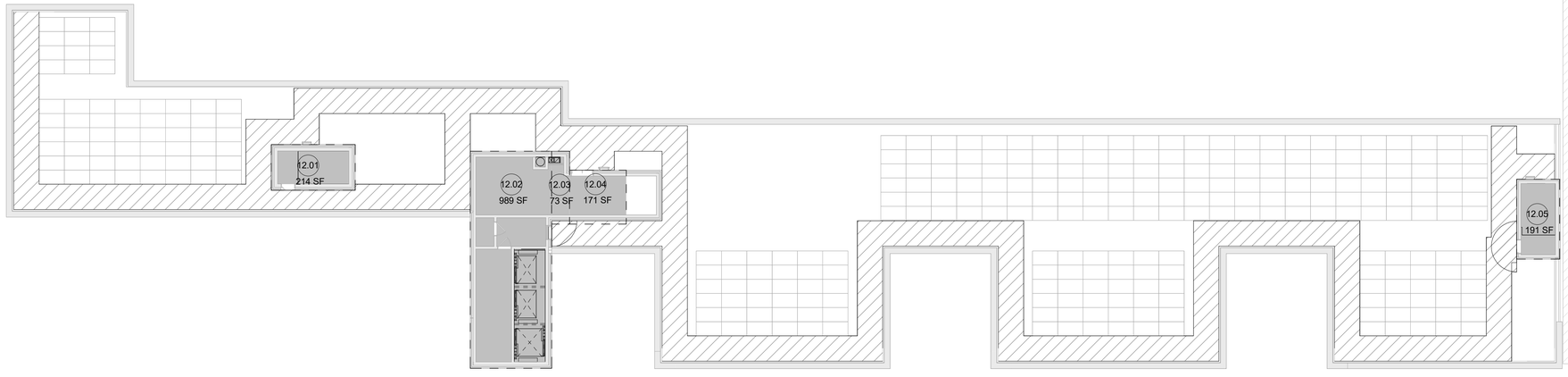
A1 Level 3-10 - GSF
1/16" = 1'-0"

Zoning Gross Area - Level 11			
Number	Width	Length	Area
Level 11			
Residential			
11.01	18' - 1"	30' - 0 1/16"	543 SF
11.02	32' - 0 11/16"	109' - 8 7/8"	3,518 SF
11.03	19' - 3 1/4"	67' - 10 13/16"	1,309 SF
11.04	3' - 10 5/8"	8' - 11 1/16"	35 SF
11.05	24' - 6 1/4"	31' - 9 1/8"	779 SF
11.06	55' - 6 3/8"	58' - 11 3/4"	3,275 SF
11.07	24' - 0"	31' - 9 1/8"	762 SF
11.08	55' - 7"	58' - 11 3/4"	3,278 SF
11.09	24' - 0"	31' - 9 1/8"	762 SF
11.10	54' - 11 3/4"	58' - 11 3/4"	3,243 SF
11.11	2 1/8"	8"	0 SF
11.12	6 1/4"	11' - 0"	6 SF
			17,509 SF
TOTAL			17,509 SF



1 Level 11 - GSF
1/16" = 1'-0"

Zoning Gross Area - Roof			
Number	Width	Length	Area
Roof			
Residential			
12.01	10' - 9 1/2"	19' - 10 1/2"	214 SF
12.02	19' - 3 1/4"	51' - 3 7/8"	989 SF
12.03	4' - 2 3/4"	17' - 2 5/8"	73 SF
12.04	12' - 8 7/8"	13' - 5 1/8"	171 SF
12.05	10' - 1 7/8"	18' - 10 1/4"	191 SF
			1,639 SF
TOTAL			1,639 SF



C1 Roof - GSF
1/16" = 1'-0"

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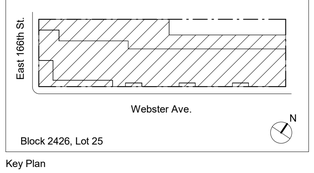
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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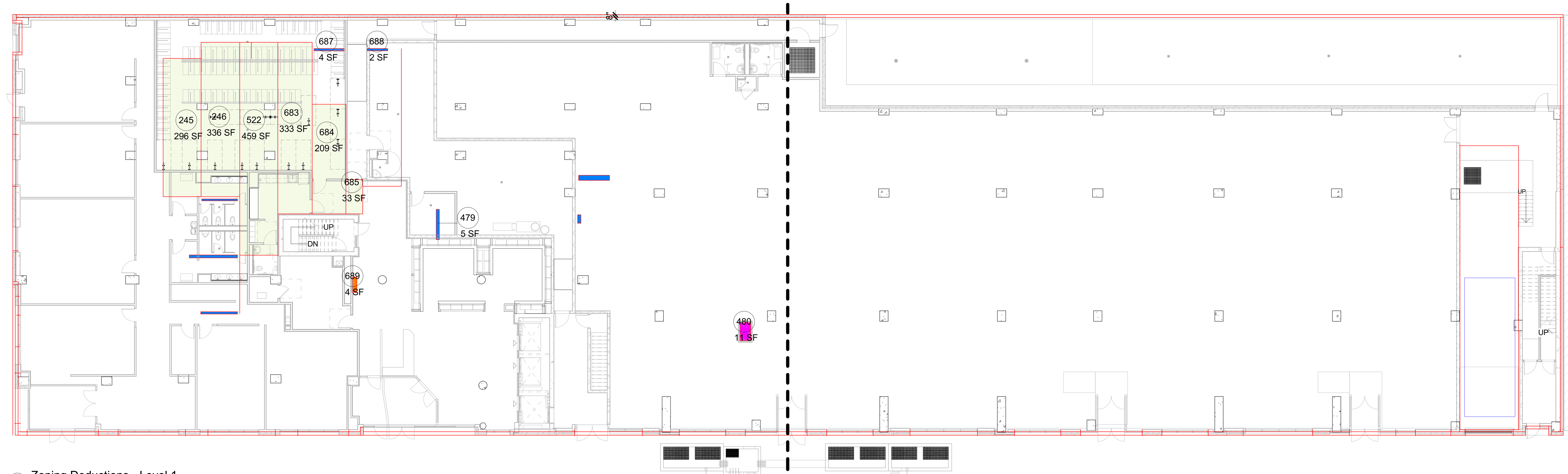
Zoning Gross Area Tabulations

Date	08/30/2024
Scale	1/16" = 1'-0"
Drawn By	PN
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Seal

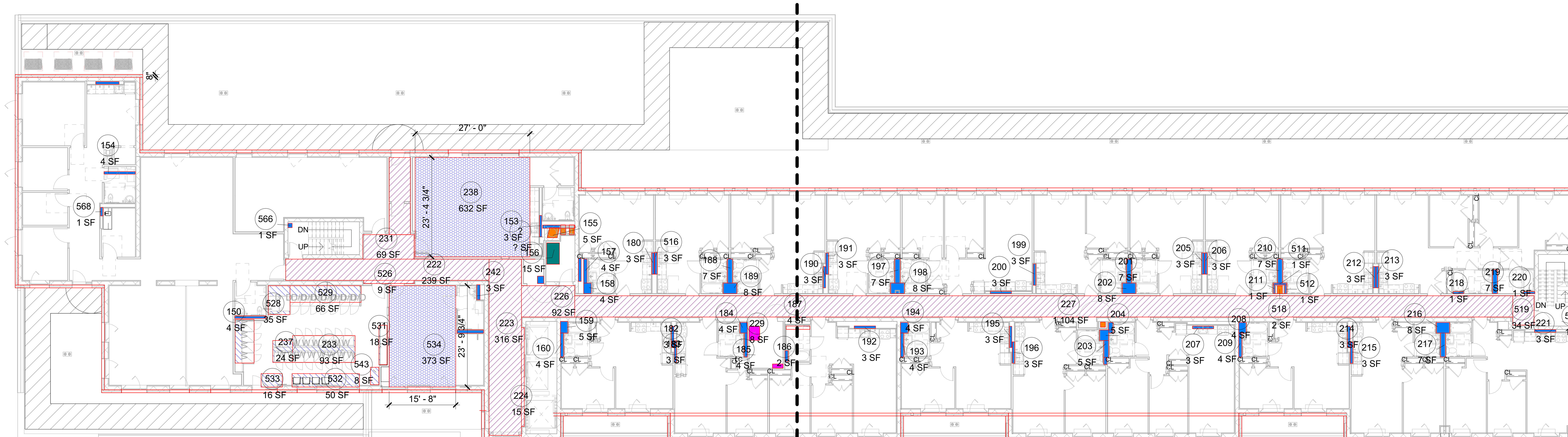
Sheet No.:

Z-005.00



A1 Zoning Deductions - Level 1
1/16" = 1'-0"

Zoning Deduction Area - Level 1			
Number	Length	Width	Area - Calculated
Community Facility			
Plumbing			
680	11' - 5 7/16"	8 1/4"	7.9 SF
681	8' - 6"	5 1/4"	3.7 SF
682	8' - 8 3/4"	6 3/8"	4.6 SF
			16.2 SF
Residential			
Bicycle Parking			
245	32' - 10 5/8"	9' - 0 1/8"	296.3 SF
246	36' - 8 9/16"	9' - 1 15/16"	336.3 SF
522	55' - 2 3/16"	8' - 3 3/4"	458.8 SF
683	40' - 9 9/16"	8' - 1 15/16"	332.9 SF
684	26' - 1 1/16"	7' - 11 15/16"	208.5 SF
685	8' - 2 1/16"	4' - 0"	32.7 SF
			1665.5 SF
Mechanical			
689	3' - 7 3/16"	1' - 2"	4.2 SF
			4.2 SF
Plumbing			
479	7' - 2"	9 1/8"	5.4 SF
687	7' - 2"	6"	3.6 SF
688	4' - 9 3/4"	6"	2.4 SF
			11.4 SF
Retail			
Electrical			
480	4' - 3"	2' - 6"	10.6 SF
			10.6 SF
Plumbing			
549	7' - 4"	1' - 2 1/4"	8.7 SF
550	2' - 0"	9 1/8"	1.5 SF
			10.2 SF
			1718.3 SF



C1 Zoning Deductions - Level 2
1/16" = 1'-0"

Zoning Deduction Area - Level 2			
Number	Length	Width	Area - Calculated
Residential			
Electrical			
229	3' - 3"	2' - 6"	8.1 SF
510	2' - 6"	1' - 0"	2.5 SF
			10.6 SF
Mechanical			
155	2' - 8"	1' - 11 1/16"	5.1 SF
508	1' - 6 1/8"	1' - 2"	1.8 SF
509	1' - 6 1/8"	1' - 2"	1.8 SF
517	1' - 2"	1' - 2"	1.4 SF
518	1' - 10"	1' - 2"	2.1 SF
			12.2 SF
Plumbing			
150	7' - 4 1/2"	7 1/8"	4.4 SF
153	5' - 0"	6 1/8"	2.6 SF
154	7' - 4 1/2"	7 1/8"	4.4 SF
157	5' - 7 9/16"	9 1/8"	4.3 SF
158	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
159	2' - 8 1/2"	1' - 9 1/8"	4.8 SF
160	5' - 7 1/2"	9 1/8"	4.3 SF
180	5' - 0"	7 1/8"	3.0 SF
182	5' - 0"	7 1/8"	3.0 SF
183	5' - 0"	6 1/8"	2.6 SF
184	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
185	5' - 7 1/4"	9 1/8"	4.3 SF
186	2' - 6"	9 1/8"	1.9 SF
187	5' - 7"	9 1/8"	4.2 SF
188	5' - 7 1/2"	1' - 2 13/16"	6.9 SF
189	3' - 2 13/16"	2' - 5 3/4"	8.0 SF

Zoning Deduction Area - Level 2			
Number	Length	Width	Area - Calculated
190	5' - 0"	7 1/8"	3.0 SF
191	5' - 0"	7 1/8"	3.0 SF
192	5' - 0"	7 1/8"	3.0 SF
193	5' - 7 3/4"	9 1/8"	4.3 SF
194	2' - 5 1/2"	1' - 9 3/8"	4.4 SF
195	5' - 0"	7 1/8"	3.0 SF
196	5' - 0 1/2"	7 1/8"	3.0 SF
197	5' - 7 1/2"	1' - 3 1/2"	7.3 SF
198	3' - 3 1/2"	2' - 5 3/4"	8.2 SF
199	5' - 0"	7 1/8"	3.0 SF
200	5' - 0"	6 13/16"	2.8 SF
201	5' - 7 1/2"	1' - 2 5/8"	6.9 SF
202	3' - 2 5/8"	2' - 5 3/4"	8.0 SF
203	3' - 11 5/8"	1' - 2 1/4"	4.7 SF
204	2' - 5 3/4"	2' - 2 1/4"	5.4 SF
205	5' - 0"	7 1/8"	3.0 SF
206	5' - 0"	7 1/8"	3.0 SF
207	5' - 0"	7 1/8"	3.0 SF
208	2' - 5 1/2"	1' - 9 1/8"	4.3 SF
209	5' - 7 3/4"	9 1/8"	4.3 SF
210	5' - 7 1/2"	1' - 2 5/8"	6.9 SF

Zoning Deduction Area - Level 2			
Number	Length	Width	Area - Calculated
211	2' - 0 7/8"	5 1/8"	0.9 SF
212	5' - 0"	7 1/8"	3.0 SF
213	5' - 0"	7 1/8"	3.0 SF
214	5' - 0"	7 1/8"	3.0 SF
215	5' - 0 1/2"	7 1/8"	3.0 SF
216	3' - 2 1/4"	2' - 5 3/4"	7.9 SF
217	5' - 7 1/2"	1' - 2 1/4"	6.7 SF
218	2' - 5 3/4"	5 7/8"	1.2 SF
219	5' - 7 5/16"	1' - 2 1/4"	6.7 SF
220	2' - 8"	5 7/8"	1.3 SF
221	5' - 0"	7 1/8"	3.0 SF
241	4' - 5 3/4"	7 3/4"	2.9 SF
242	3' - 6 1/2"	9 1/8"	2.7 SF
511	3' - 2 5/8"	4 7/8"	1.3 SF
512	2' - 0 7/8"	5 3/4"	1.0 SF
513	1' - 7 7/8"	9 1/8"	1.3 SF
514	1' - 0"	8 3/8"	0.7 SF
515	1' - 9 3/8"	1' - 0 5/8"	1.9 SF
516	5' - 1 1/4"	7 1/8"	3.0 SF
535	5' - 5 3/4"	7 1/8"	3.3 SF
551	6' - 3 3/16"	9 1/8"	4.8 SF
552	5' - 4 1/8"	8"	3.6 SF
562	1' - 9"	1' - 6"	2.6 SF

Zoning Deduction Area - Level 2			
Number	Length	Width	Area - Calculated
566	1' - 0"	1' - 0"	1.0 SF
567	1' - 0"	1' - 0"	1.0 SF
568	2' - 0"	7 1/8"	1.2 SF
			233.0 SF
Q.H. Corridor (Daylight)			
222	47' - 11 9/16"	4' - 11 7/8"	119.6 SF
223	41' - 5 1/4"	7' - 7 5/8"	158.2 SF
224	23' - 2 1/2"	7 7/8"	7.6 SF
226	12' - 6 3/8"	7' - 4 3/8"	46.1 SF
227	220' - 9 1/2"	5' - 0"	552.0 SF
231	12' - 1"	5' - 8 15/16"	34.7 SF
519	6' - 10 3/4"	5' - 0"	17.2 SF
526	11' - 10"	9"	4.4 SF
527	18' - 1 7/8"	5' - 0"	45.4 SF
			985.3 SF
Q.H. Indoor Recreation			
238	27' - 0 1/16"	23' - 4 11/16"	631.7 SF
534	23' - 9 13/16"	15' - 7 15/16"	373.0 SF
			1004.7 SF
Q.H. Laundry			
233	14' - 8 1/2"	6' - 3 5/8"	92.7 SF
237	5' - 1 11/16"	4' - 8"	24.0 SF
528	6' - 9 7/16"	5' - 1 1/2"	34.8 SF

Zoning Deduction Area - Level 2			
Number	Length	Width	Area - Calculated
529	16' - 8 3/4"	3' - 11"	65.5 SF
530	10' - 3 1/16"	4' - 5 5/16"	45.6 SF
531	9' - 3 3/16"	1' - 11"	17.8 SF
532	15' - 10 1/4"	3' - 1 13/16"	49.9 SF
533	5' - 0"	3' - 1 13/16"	15.7 SF
543	4' - 1 1/16"	1' - 11 9/16"	8.0 SF
			354.0 SF
Q.H. Refuse Room			
156	5' - 0"	3' - 0"	15.0 SF
			15.0 SF
			2614.8 SF

Area Deduction Legend
- Bicycle Parking
- Exterior Wall
- Electrical
- Plumbing
- Mechanical
- Q.H. Refuse Room
- Q.H. Indoor Recreation
- Q.H. Corridor Daylight
- Stair Bulkhead
- Stair Bulkhead

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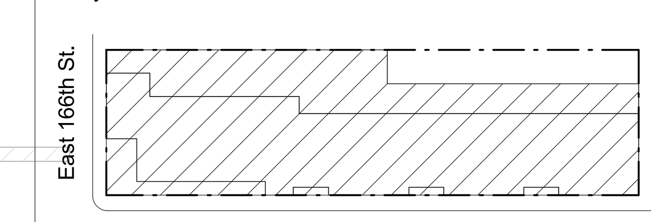
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Block 2426, Lot 25

Key Plan

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Zoning Deductions Tabulations

Date	08/30/2024
Scale	As indicated
Drawn By	PN
Checked By	RE/BG
Project No.	2231

Seal

Sheet No.: Z-006.00

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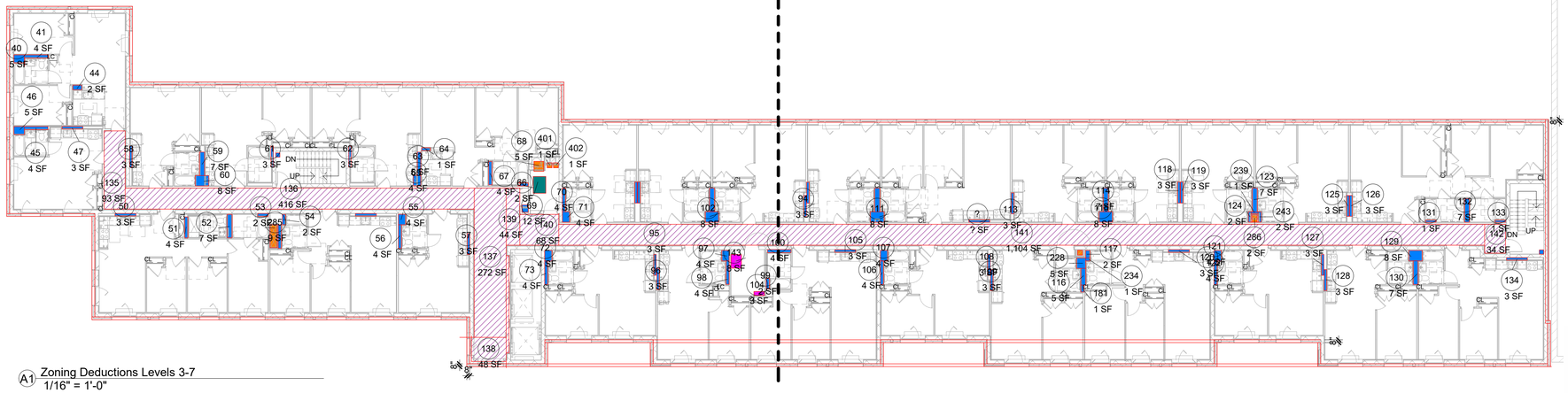
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Zoning Deduction Area - Level 3-7

Number	Length	Width	Area - Calculated
Residential			
Electrical			
104	2' - 6"	1' - 0"	2.5 SF
143	3' - 3"	2' - 6"	8.1 SF
			10.6 SF
Mechanical			
68	2' - 4"	2' - 4"	5.4 SF
244	1' - 2"	1' - 2"	1.4 SF
285	5' - 6"	1' - 8"	9.2 SF
286	1' - 10"	1' - 2"	2.1 SF
401	1' - 2"	1' - 2"	1.4 SF
402	1' - 2"	1' - 2"	1.4 SF
			20.8 SF
Plumbing			
40	2' - 5 3/4"	1' - 11 1/8"	4.8 SF
41	5' - 8 1/4"	9 1/8"	4.3 SF
44	2' - 1"	1' - 1 1/4"	2.3 SF
45	5' - 7 1/2"	9 1/8"	4.3 SF
46	2' - 5 3/4"	1' - 11 1/8"	4.8 SF
47	5' - 0"	7 1/8"	3.0 SF
50	5' - 0"	7 1/8"	3.0 SF
51	5' - 0"	9 1/8"	3.8 SF
52	5' - 7"	1' - 2 1/4"	6.6 SF
53	2' - 5 3/4"	8 5/8"	1.8 SF
54	2' - 5 3/4"	9 1/8"	1.9 SF
55	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
56	5' - 7 7/16"	9 1/8"	4.3 SF
57	5' - 0"	7 1/8"	3.0 SF
58	5' - 0"	7 1/8"	3.0 SF
59	5' - 7 1/2"	1' - 2 1/4"	6.7 SF
60	3' - 2 5/16"	2' - 5 3/4"	7.9 SF
61	5' - 0"	7 1/8"	3.0 SF
62	5' - 0"	7 1/8"	3.0 SF
63	5' - 7 1/2"	10 1/8"	4.7 SF
64	2' - 0 7/8"	8 7/16"	1.5 SF
65	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
66	1' - 11 3/16"	9 3/8"	1.5 SF
67	5' - 7"	9 7/16"	4.4 SF
70	5' - 7 1/2"	9 1/8"	4.3 SF
71	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
72	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
73	5' - 7 1/2"	9 1/8"	4.3 SF
93	5' - 0"	7 1/8"	3.0 SF
94	5' - 0"	7 1/8"	3.0 SF
95	5' - 0"	7 1/8"	3.0 SF
96	5' - 0"	7 1/8"	3.0 SF
97	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
98	5' - 7 1/4"	9 1/8"	4.3 SF
99	2' - 6"	9 1/8"	1.9 SF

Zoning Deduction Area - Level 8-10

Number	Length	Width	Area - Calculated
Residential			
Electrical			
453	2' - 6"	1' - 0"	2.5 SF
470	3' - 3"	2' - 6"	8.1 SF
			10.6 SF
Mechanical			
395	2' - 8 15/16"	1' - 11 13/16"	5.4 SF
439	2' - 3 3/4"	1' - 2"	2.7 SF
440	2' - 3 3/4"	1' - 2"	2.7 SF
452	5' - 6"	1' - 8"	9.2 SF
496	1' - 2"	1' - 2"	1.4 SF
497	1' - 10"	1' - 10"	3.4 SF
			24.7 SF
Plumbing			
367	2' - 5 3/4"	1' - 11 1/8"	4.8 SF
368	5' - 7 1/2"	9 1/8"	4.3 SF
371	1' - 10 5/8"	1' - 1 1/4"	2.1 SF
372	2' - 5 3/4"	1' - 10 15/16"	4.7 SF
373	5' - 7 1/2"	9 1/8"	4.3 SF
374	5' - 0"	7 1/8"	3.0 SF
377	5' - 0"	7 1/8"	3.0 SF
378	2' - 5 3/4"	8 1/16"	1.7 SF
379	5' - 7"	1' - 2 1/4"	6.6 SF
380	2' - 5 3/4"	8 5/8"	1.8 SF
381	2' - 8 1/2"	9 1/8"	2.1 SF
382	2' - 5 11/16"	1' - 9 1/8"	4.4 SF
383	5' - 7 9/16"	9 1/8"	4.3 SF
384	5' - 0"	7 1/8"	3.0 SF
385	5' - 0"	7 1/8"	3.0 SF
386	5' - 7 1/2"	1' - 2 3/16"	6.7 SF
387	3' - 1 3/16"	2' - 5 3/4"	7.7 SF
388	5' - 0"	4 1/8"	1.7 SF
389	4' - 9 1/16"	8 5/8"	3.4 SF
390	6' - 11 3/8"	10 1/8"	5.9 SF
391	2' - 0 7/8"	8 7/16"	1.5 SF
392			4.4 SF
393	1' - 5 5/8"	1' - 0 3/4"	1.6 SF
394	5' - 7"	9 7/16"	4.4 SF
397	5' - 7 9/16"	9 1/8"	4.3 SF
398	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
399	2' - 8 1/2"	1' - 9 1/8"	4.8 SF
400	5' - 7 1/2"	9 1/8"	4.3 SF
420	5' - 1 1/4"	7 1/8"	3.0 SF
421	5' - 7 1/2"	1' - 2 5/16"	6.7 SF
422	5' - 0"	7 1/8"	3.0 SF
423	5' - 0"	7 1/8"	3.0 SF
424	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
425	5' - 7 1/4"	9 1/8"	4.3 SF
426	2' - 6"	9 1/8"	1.9 SF



A1 Zoning Deductions Levels 3-7
1/16" = 1'-0"

Zoning Deduction Area - Level 3-7

Number	Length	Width	Area - Calculated
100	5' - 7"	9 1/8"	4.2 SF
101	5' - 7 1/2"	1' - 2 13/16"	6.9 SF
102	3' - 2 13/16"	2' - 5 3/4"	8.0 SF
103	5' - 0"	7 1/8"	3.0 SF
105	5' - 0"	7 1/8"	3.0 SF
106	5' - 7 1/2"	9 1/8"	4.3 SF
107	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
108	5' - 0"	7 1/8"	3.0 SF
109	5' - 0"	7 1/8"	3.0 SF
110	5' - 7 1/2"	1' - 3 1/2"	7.3 SF
111	3' - 3 1/2"	2' - 5 3/4"	8.2 SF
112	5' - 0"	6 13/16"	2.8 SF
113	5' - 0"	7 1/8"	3.0 SF
114	5' - 7 1/2"	1' - 2 5/8"	6.9 SF
115	3' - 2 5/8"	2' - 5 3/4"	8.0 SF
116	3' - 11 5/8"	1' - 2 1/4"	4.7 SF
117	1' - 9 3/8"	1' - 0 5/8"	1.9 SF

Zoning Deduction Area - Level 3-7

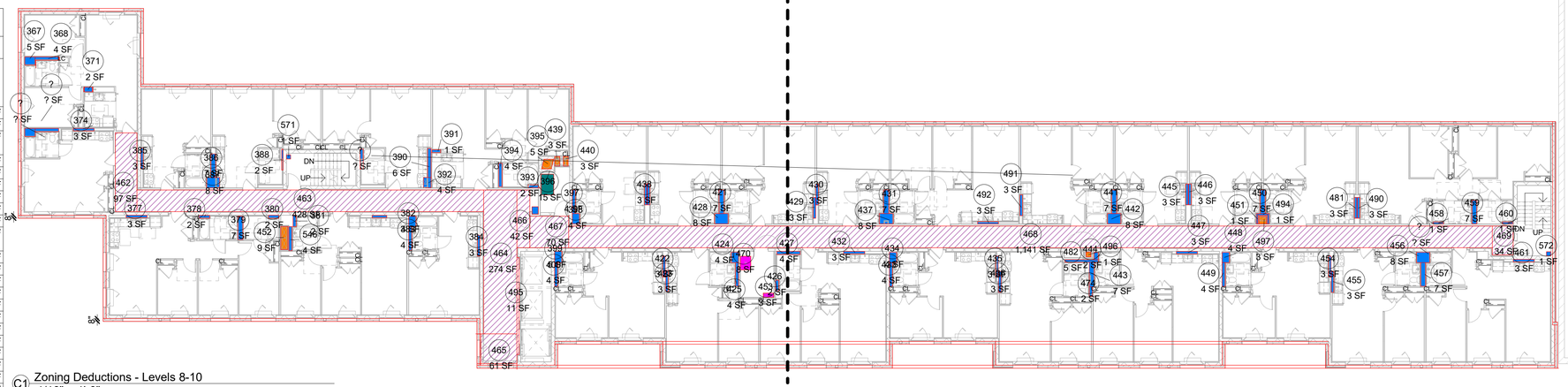
Number	Length	Width	Area - Calculated
118	5' - 0"	7 1/8"	3.0 SF
119	5' - 0"	7 1/8"	3.0 SF
120	5' - 0"	7 1/8"	3.0 SF
121	2' - 5 1/2"	1' - 9 1/8"	4.3 SF
122	5' - 7 1/2"	9 1/8"	4.3 SF
123	5' - 7 1/2"	1' - 2 5/8"	6.9 SF
124	2' - 5 3/4"	8"	1.7 SF
125	5' - 0"	7 1/8"	3.0 SF
126	5' - 0"	7 1/8"	3.0 SF
127	5' - 0"	7 1/8"	3.0 SF
128	5' - 0"	7 1/8"	3.0 SF
129	3' - 2"	2' - 5 3/4"	7.9 SF
130	5' - 7 1/2"	1' - 2 1/4"	6.7 SF
131	2' - 5 3/4"	5 7/8"	1.2 SF
132	5' - 7 5/16"	1' - 2 1/4"	6.7 SF
133	2' - 6"	5 7/8"	1.2 SF
134	5' - 0"	7 1/8"	3.0 SF
181	1' - 7 7/8"	9 1/8"	1.3 SF

Zoning Deduction Area - Level 3-7

Number	Length	Width	Area - Calculated
228	2' - 5 3/4"	2' - 2 1/4"	5.4 SF
234	1' - 0"	8 3/8"	0.7 SF
239	1' - 7 3/4"	4 7/8"	0.7 SF
243	2' - 5 3/4"	8 5/8"	1.8 SF
484	5' - 0"	7 1/8"	3.0 SF
544	5' - 7 1/2"	9 1/8"	4.3 SF
545	5' - 0"	7 1/8"	3.0 SF
561	1' - 9"	1' - 6"	2.6 SF
569	1' - 0"	1' - 0"	1.0 SF
570	1' - 0"	1' - 0"	1.0 SF
			303.3 SF
Q.H. Corridor (Daylight)			
135	18' - 8"	5' - 0"	46.7 SF
136	83' - 2 13/16"	5' - 0"	208.1 SF
137	35' - 7 1/8"	7' - 7 5/8"	135.9 SF
138	8' - 3 3/16"	5' - 9 1/4"	23.8 SF
139	13' - 7 1/2"	3' - 2 7/8"	22.1 SF
140	9' - 3 1/2"	7' - 4 3/8"	34.2 SF

Zoning Deduction Area - Level 3-7

Number	Length	Width	Area - Calculated
141	220' - 9 1/2"	5' - 0"	552.0 SF
142	6' - 10 3/4"	5' - 0"	17.2 SF
486	23' - 2 1/2"	7 7/8"	7.6 SF
			1047.6 SF
Q.H. Refuse Room			
69	4' - 0"	3' - 0"	12.0 SF
			12.0 SF
			1394.4 SF



C1 Zoning Deductions - Levels 8-10
1/16" = 1'-0"

Zoning Deduction Area - Level 8-10

Number	Length	Width	Area - Calculated
427	5' - 7"	9 1/8"	4.2 SF
428	3' - 3 5/16"	2' - 5 3/4"	8.1 SF
429	5' - 0"	7 1/8"	3.0 SF
430	5' - 0"	7 1/8"	3.0 SF
431	5' - 7 1/2"	1' - 3 1/2"	7.3 SF
432	5' - 0 3/4"	7 1/8"	3.0 SF
433	5' - 7 3/4"	9 1/8"	4.3 SF
434	2' - 5 1/2"	1' - 9 1/8"	4.3 SF
435	5' - 0"	7 1/8"	3.0 SF
436	5' - 0"	7 1/8"	3.0 SF
437	3' - 3 1/2"	2' - 5 3/4"	8.2 SF
438	5' - 0"	7 1/8"	3.0 SF
441	5' - 7 1/2"	1' - 2 5/8"	6.9 SF
442	3' - 2 5/8"	2' - 5 3/4"	8.0 SF
443	5' - 10 1/4"	1' - 2 1/4"	7.0 SF
444	1' - 9 3/8"	1' - 0 5/8"	1.9 SF
445	5' - 0"	7 1/8"	3.0 SF

Zoning Deduction Area - Level 8-10

Number	Length	Width	Area - Calculated
446	5' - 0"	7 1/8"	3.0 SF
447	5' - 0 3/4"	7 1/8"	3.0 SF
448	2' - 5 1/2"	1' - 9 1/8"	4.3 SF
449	5' - 7 3/4"	9 1/8"	4.3 SF
450	5' - 7 1/2"	1' - 2 5/8"	6.9 SF
451	2' - 5 3/4"	4"	0.8 SF
454	5' - 0"	7 1/8"	3.0 SF
455	5' - 0"	7 1/8"	3.0 SF
456	3' - 2 1/4"	2' - 5 3/4"	7.9 SF
457	5' - 7 1/2"	1' - 2 1/4"	6.7 SF
458	2' - 5 3/4"	5 7/8"	1.2 SF
459	5' - 7 5/16"	1' - 2 1/4"	6.7 SF
460	2' - 6"	5 7/8"	1.2 SF
461	5' - 0"	7 1/8"	3.0 SF
474	2' - 3 7/8"	9 1/8"	1.8 SF
481	5' - 0"	7 1/8"	3.0 SF
482	8' - 0 1/8"	7 1/8"	4.8 SF
490	5' - 0"	7 1/8"	3.0 SF

Zoning Deduction Area - Level 8-10

Number	Length	Width	Area - Calculated
491	5' - 0"	7 1/8"	3.0 SF
492	5' - 0"	6 13/16"	2.8 SF
493	2' - 5 3/4"	4 5/8"	1.0 SF
494	2' - 3 3/4"	4 7/8"	0.9 SF
546	5' - 9"	9 1/8"	4.4 SF
547	3' - 6 1/8"	7 1/8"	2.1 SF
560	1' - 9"	1' - 6"	2.6 SF
571	1' - 0"	1' - 0"	1.0 SF
572	1' - 0"	1' - 0"	1.0 SF
			300.8 SF
Q.H. Corridor (Daylight)			
462	18' - 10"	5' - 1 15/16"	48.6 SF
463	82' - 10 7/8"	5' - 2"	214.2 SF
464	34' - 4 9/16"	7' - 11 5/8"	137.0 SF
465	8' - 7 9/16"	7' - 1 1/8"	30.6 SF
466	13' - 9 1/2"	3' - 0 7/8"	21.2 SF
467	9' - 3 1/2"	7' - 6 3/8"	35.0 SF
468	220' - 10 1/2"	5' - 2"	570.6 SF

Zoning Deduction Area - Level 8-10

Number	Length	Width	Area - Calculated
469	6' - 10 3/4"	5' - 0"	17.2 SF
495	23' - 2 1/2"	5 7/8"	5.7 SF
			1080.1 SF
Q.H. Refuse Room			
396	5' - 0"	3' - 0"	15.0 SF
			15.0 SF
			1431.2 SF

Area Deduction Legend
- Bicycle Parking
- Exterior Wall
- Electrical
- Plumbing
- Mechanical
- Q.H. Refuse Room
- Q.H. Indoor Recreation
- Q.H. Corridor Daylight
- Stair Bulkhead
- Stair Bulkhead

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Lighting Designer
HLB Lighting Design
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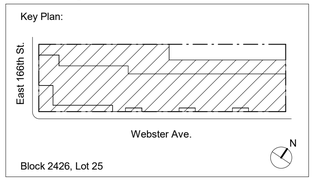
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Zoning Deductions Tabulations

Date	08/30/2024
Scale	As indicated
Drawn By	PN
Checked By	RE/BG
Project No.	2231

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Sheet No.: Z-007.00

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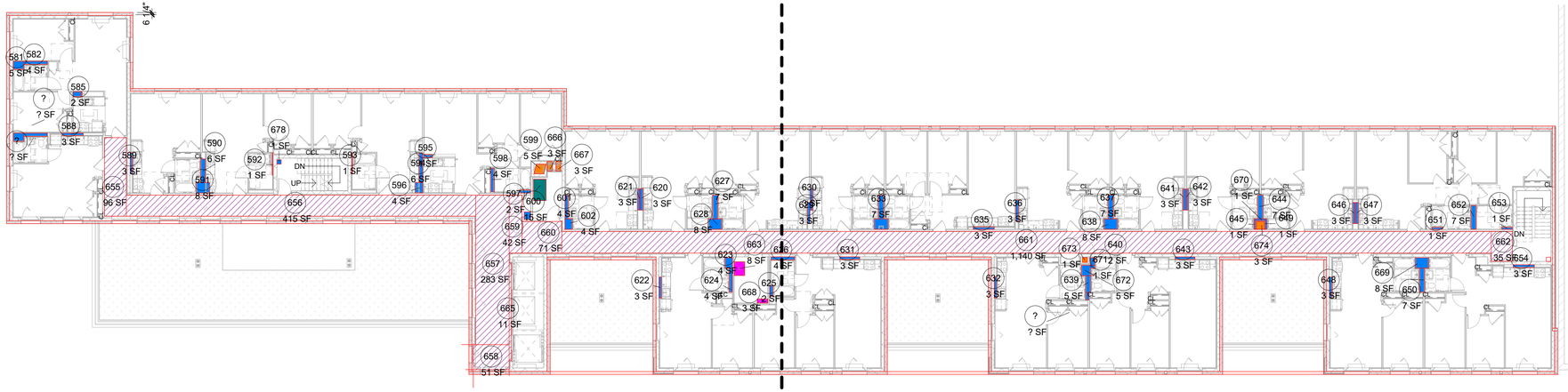
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Zoning Deductions - Level 11			
Number	Length	Width	Area - Calculated
Residential			
Electrical			
663	3' - 3"	2' - 6"	8.1 SF
668	2' - 6"	1' - 0"	2.5 SF
			10.6 SF
Mechanical			
599	2' - 8 15/16"	1' - 11 13/16"	5.4 SF
666	2' - 3 3/4"	1' - 2"	2.7 SF
667	2' - 3 3/4"	1' - 2"	2.7 SF
673	1' - 2"	1' - 2"	1.4 SF
674	1' - 10"	1' - 10"	3.4 SF
			15.6 SF
Plumbing			
581	2' - 5 1/2"	1' - 11 1/8"	4.7 SF
582	5' - 7 1/2"	9 1/8"	4.3 SF
585	1' - 10 7/8"	1' - 2 3/8"	2.3 SF
586	2' - 5 3/4"	1' - 11 3/8"	4.8 SF
587	5' - 7 1/2"	9 3/8"	4.4 SF
588	5' - 0"	7 3/8"	3.1 SF
589	4' - 11 3/8"	7 1/8"	2.9 SF
590	5' - 7 1/2"	1' - 1 3/16"	6.2 SF
591	3' - 2 5/16"	2' - 5 3/4"	7.9 SF
592	5' - 2 5/8"	1 7/8"	0.8 SF
593	4' - 11 1/16"	1 7/8"	0.8 SF
594	7' - 0"	10 1/8"	5.9 SF
595	2' - 0 7/8"	8 7/16"	1.5 SF
596	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
597	2' - 4 7/8"	8 5/8"	1.7 SF
598	5' - 7"	9 3/16"	4.3 SF
601	5' - 7 9/16"	9 1/8"	4.3 SF
602	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
620	5' - 1 1/4"	7 1/8"	3.0 SF
621	5' - 0"	7 1/8"	3.0 SF
622	5' - 0"	7 1/8"	3.0 SF
623	2' - 5 3/4"	1' - 9 1/8"	4.4 SF
624	5' - 7 1/4"	9 1/8"	4.3 SF
625	2' - 6"	9 1/8"	1.9 SF
626	5' - 7"	9 1/8"	4.2 SF
627	5' - 7 1/2"	1' - 2 13/16"	6.9 SF
628	3' - 3 5/16"	2' - 5 3/4"	8.1 SF
629	5' - 0"	7 1/8"	3.0 SF
630	5' - 0"	7 1/8"	3.0 SF
631	4' - 9"	7 5/8"	3.0 SF
632	5' - 0"	7 1/8"	3.0 SF
633	5' - 7 1/2"	1' - 3 1/2"	7.3 SF
634	3' - 3 1/2"	2' - 5 3/4"	8.2 SF
635	5' - 0"	6 13/16"	2.8 SF
636	5' - 0"	7 1/8"	3.0 SF
637	5' - 7 1/2"	1' - 2 5/8"	6.9 SF
638	3' - 2 5/8"	2' - 5 3/4"	8.0 SF
639	3' - 11 5/8"	1' - 2 1/4"	4.7 SF
640	1' - 9 3/8"	1' - 0 5/8"	1.9 SF
641	5' - 0"	7 1/8"	3.0 SF
642	5' - 0"	7 1/8"	3.0 SF
643	4' - 9"	7 5/8"	3.0 SF
644	5' - 7 1/2"	1' - 2 5/8"	6.9 SF
645	2' - 5 3/4"	4"	0.8 SF

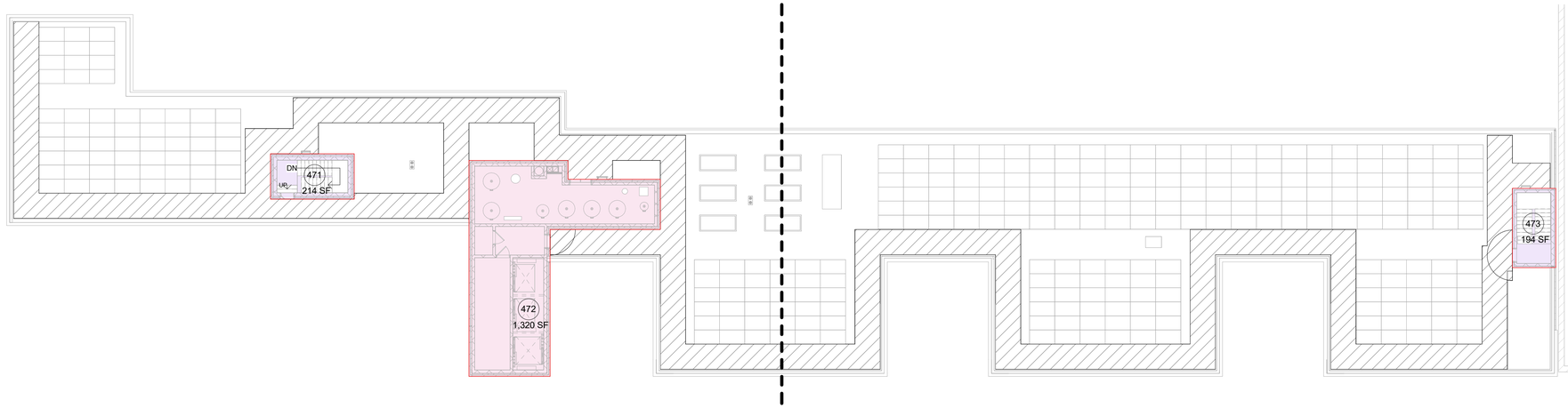
Zoning Deductions - Level 11			
Number	Length	Width	Area - Calculated
646	5' - 0"	7 1/8"	3.0 SF
647	5' - 0"	7 1/8"	3.0 SF
648	5' - 0"	7 1/8"	3.0 SF
649	2' - 5 3/4"	4 5/8"	1.0 SF
650	5' - 7 1/2"	1' - 2 1/4"	6.7 SF
651	2' - 5 3/4"	5 7/8"	1.2 SF
652	5' - 7 5/16"	1' - 2 1/4"	6.7 SF
653	2' - 6"	5 7/8"	1.2 SF
654	5' - 0"	7 5/8"	3.2 SF
669	3' - 2 1/4"	2' - 5 3/4"	7.9 SF
670	2' - 3 3/4"	4 7/8"	0.9 SF
671	1' - 0"	8 3/8"	0.7 SF
672	2' - 5 3/4"	2' - 2 1/4"	5.4 SF
675	1' - 9 3/8"	9 1/8"	1.4 SF
677	1' - 9"	1' - 6"	2.6 SF
678	1' - 0"	1' - 0"	1.0 SF
			227.4 SF
Q.H. Corridor (Daylight)			
655	18' - 8"	5' - 1 15/16"	48.2 SF
656	82' - 10 7/8"	5' - 0"	207.3 SF
657	35' - 6 3/16"	7' - 11 5/8"	141.5 SF

Zoning Deductions - Level 11			
Number	Length	Width	Area - Calculated
658	8' - 6 3/16"	5' - 11 1/2"	25.4 SF
659	13' - 9 1/2"	3' - 0 7/8"	21.2 SF
660	9' - 5 1/2"	7' - 6 3/8"	35.6 SF
661	220' - 7 1/2"	5' - 2"	569.9 SF
662	7' - 0 3/4"	5' - 0"	17.7 SF
665	23' - 2 1/2"	5 7/8"	5.7 SF
			1072.4 SF
Q.H. Refuse Room			
600	5' - 1"	3' - 0"	15.3 SF
			15.3 SF
			1341.2 SF

Zoning Deduction Area - Roof			
Number	Length	Width	Area - Calculated
Residential			
Elevator Bulkhead			
472	80' - 3 11/16"	16' - 5 1/4"	1320.2 SF
			1320.2 SF
Stair Bulkhead			
471	19' - 10 1/2"	10' - 9 1/2"	214.5 SF
473	18' - 10 1/4"	10' - 3 1/2"	194.0 SF
			408.5 SF
			1728.7 SF



1 Zoning Deductions - Level 11
1/16" = 1'-0"



C1 Zoning Deductions - Roof
1/16" = 1'-0"

Area Deduction Legend
- Bicycle Parking
- Exterior Wall
- Electrical
- Plumbing
- Mechanical
- Q.H. Refuse Room
- Q.H. Indoor Recreation
- Q.H. Corridor Daylight
- Stair Bulkhead
- Stair Bulkhead

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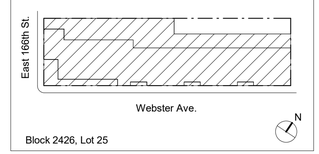
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Zoning Deductions Tabulations

Date	08/30/2024
Scale	As indicated
Drawn By	PN
Checked By	RE/BG
Project No.	2231

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COMPLIANCE STATEMENT

To the best of my knowledge, belief, and professional justgement, this application is in compliance with the Commercial building requirements established in chapters C2-C5 of the 2020 NYCECC.

COMCHECK NOTES

1. Refer to EN-001 for energy code progress inspections.
2. Refer to EN-002 for energy code envelope assemblies.
3. Refer to tables on EN-006 thru EN-009 for envelope areas used in COMCheck.
4. Refer to 18/EN-002 and EN-332 for fenestration values used in COMCheck.
5. Default values from tables C402.1.4 and C402.4 were used for doors.

ENERGY CONSERVATION CODE NOTES

1. List of progress inspections required - The following progress inspections and/or testing listed below in Table I shall be required when applicable to the scope of work. Energy Code sections cited in Tables I shall be understood to include the section, all subsections, all tables and, when ASHRAE 90.1 is used, appendices related to the cited Energy Code section.
2. Construction scheduling instructions - In accordance with Article 116 of Title 28 and Section BC 110, construction shall be scheduled to allow required progress inspections to take place, and that roofs, ceilings, exterior walls, interior walls, floors, foundations, basements and any other construction shall not be covered or enclosed until required progress inspections are completed or the progress inspector indicates that such covering or enclosure may proceed, at each stage of construction, as applicable.
3. Inspection or test failure - In accordance with Section ECC 104.2.3, where any work or installation does not pass an initial test or inspection, the necessary corrections shall be ade so as to achieve compliance with the New York City Construction Codes, including the ECC. The work or installation shall then be reinspected or retested by the approved agency.
5. Changes during construction - In accordance with Section Section 28-104.3 of the Administrative Code and ECC 103.4, if constructed work differs from the last-approved full energy analysis, an as-built energy analysis shall be submitted to the Department, listing the actual values used in the building for all applicable Energy Code-regulated items and demonstrating that the building complies with the Energy Code. Such energy analysis shall be signed and sealed by a registered design professional. The progress inspector shall certify that to the best of his or her knowledge and belief the building as built complies with such signed and sealed energy analysis and construction drawings for energy code compliance; where no trade-offs have been used among disciplines, more than one registered design professional may sign and seal the elements of the energy analysis. The energy analysis shall be approved or accepted by the Department prior to sign-off.

EXTERIOR WALL THERMAL, AIR BARRIER AND AIR SEALING NOTES

1. Provide continuous cavity wall insulation, EIFS insulation, below-grade wall insulation, or vertical footing/ foundation insulation over entire building envelope. Cut and fit insulation tightly around obstructions, and fill voids with insulation. Remove projections which interfere with placement.
2. At exterior face of CMU, provide continuous liquid-applied membrane air barrier and insulation adhesive. Use transition membrane to wrap inside each rough opening, completely covering the head, sill, and jambs, and extend to interior face of cmu.
3. At window jambs, provide flexible flashing cavity closure to seal cavity from building interior (see window jamb plan detail)
4. Provide continuous spray foam insulation on four sides of aluminum window frames and storefronts.
5. Conform to insulation and air barrier details provided by sustainability consultant. Conform to sustainability consultant installation notes as follows:
   a) Provide a continuous, unbroken air barrier separating the conditioned space of the building from the exterior, unconditioned spaces within the building, mechanical rooms vented with conditioned air, mechanical chases opening to unconditioned spaces, elevator shafts, and garage.
   b) All air barrier materials must be compatible with other air barrier elements to which they connect.
   c) Provide transition membranes at all rough openings, brick lintels, and parapets. Gaps and joints must be primed and sealed with chemically - and adhesively - compatible transition membrane, tape or sealant that is rated to withstand the thermal and structural deflection calculated for the joint.
6. Drywall to Concrete Ceiling Plank Interior Partitions and Exterior Walls:
   a) After installation of sheetrock, apply a continuous bead of sealant to the gap between the sheetrock and plank.
   b) If installing a dropped ceiling, the concrete plank must be sealed to the drywall before installation of the dropped ceiling.
7. Interior Door Frames (Bathrooms, Closets, Bedrooms, Etc.): Seal entire perimeter between door frame and drywall with caulk on both sides of all interior doors.
8. Electrical and Telecommunication Panels:
   a) Seal entire perimeter gap between panel and drywall using caulk.
   b) Install closed cell neoprene foam tape on the interior side of the panel door. Ensure door tightly seals to panel when closed.
9. Outlet and Electrical Boxes - Exterior and Demising Walls:
   a) Install putty pads.
   b) Use insulated, self closing outlet covers instead of conventional outlet covers.
   c) No outlets to be placed back to back or within the same stud spacing on demising walls.
10. Underside of Window Sill to Drywall Connection: Seal joint between underside of the window sill and drywall with caulk.
11. HVAC Access Doors:
    a) Seal all gaps between the drywall and perimeter of the access door frame.
    b) Add closed cell neoprene foam tape to an access door that is not originally weather stripped and ensure it closes tightly.
12. Heating Pipe Penetrations: Seal all heating pipe penetrations using foam or other sealant product rated for 200°F.
13. Plumbing Penetrations:
    a) Fill rough opening with gypsum compound, foam or caulk to seal plumbing penetrations before installation of escutcheon.
    b) Areas include around shower heads, and under bathroom and kitchen sinks including around drain lines.
14. Sprinkler, Gas Line, and Wiring Penetrations: Fill opening with gypsum compound, foam or caulk to seal around all penetrations through drywall.
15. Door Latch Hole: If a blower test indicates significant leakage at this location, spray one part polyurethane foam above and below latch hole in door frame cavity. Cut away any foam that expands into operating area of the latch hole if necessary.

AIR BARRIER NOTES

1. Sealant Materials: Sealants shall have an expected life of at least 20 years as applied and be compatible with all substrate materials.
2. Masonry Wall Preparation: Ensure gaps are filled, joints struck, CMU is dry, and all snags are gone.
3. General Coverage (Liquid Membrane): Verify proper thickness of liquid-applied membranes using a wet mil gauge. At a minimum, substrate must not be visible.
4. General Coverage at Adjacent Building Conditions (Liquid Membrane): Where unable to install air barrier on the exterior of the building, a low VOC product shall be installed on the interior at full height (top of plank to bottom of plank at each floor). This shall happen before any interior framing is installed.
5. General Coverage / Transition Membrane Seams: Transition membranes shall be installed and sealed before insulation is installed on top. Seams shall be sealed with mastic type liquid membrane or with compatible sealant.
6. Air Barrier Penetrations: Air barrier penetrations shall be sealed with sealants compatible with all surfaces. Transition membranes shall be used to patch as necessary with seams sealed appropriately.
7. Rough Openings (Concrete Masonry Construction) - Windows and Doors:
   a) Liquid air barrier shall wrap in at masonry rough openings to be flush with inside edge of window or door frame.
   b) Sheet membrane or metal panel enclosure can be used as alternative as long as it is clear the air barrier is continuous and any gaps are sealed with back rod as necessary and sealant compatible with all surfaces.
9. Rough Openings - Pipes, Conduits, Ducts, Etc: Gaps shall be filled with backer rod as necessary and sealant compatible with all surfaces. Where smooth surfaces are present, mechanical gasket seals can be used.
10. Rough Openings - Cast Stone Sills: Cast stone sill shall be sealed to sill pan using compatible sealant where not sealed by grout.
11. Rough Openings - Gap at Window Frames: Gaps between window frame (header, jambs, sill) and rough opening shall be sealed on the interior with backer rod as necessary and sealant that is compatible with all surfaces.
12. Rough Openings - Gap at Exterior Door Frames: Gaps between door frame (header, jambs, threshold) and rough opening shall be sealed on the interior with backer rod as necessary and sealant that is compatible with all surfaces.
13. Slab Edges (Concrete Masonry Construction) - At Slab / CMU Joint:
   a) Option 1 - If gap is greater then 1/4" transition membrane must be used to seal the gap with minimum 3" overlap.
   b) Option 2 - If gap is less then 1/4" liquid membrane can be used to seal the gap.
   c) Option 3 - When shelf angles are to be installed, through wall flashing must be draped from above to completely cover the joints at top and bottom edges of the plank and sealed to the shelf angle. The liquid membrane shall be installed continuously prior to shelf angle installation.
14. Slab Edges - At Slab / Steel Framing Joint:
   a) Through wall flashing must be draped from above to completely cover this joint and the entire face of the girder and sealed to the shelf angle.
   b) If the girder is solid and air tight, this detail can be sealed with a transition membrane spanning the top flange and interior underside of the plank if allowed by local code.
15. Steel Columns - Steel / CMU joints: Transition membrane to be installed after fire proofing has been applied, and span steel column and adhered to the adjacent CMU surfaces. Fireproofing may need to be applied thicker to keep the required R-Value.
16. Wall to Roof Connections: Liquid air barrier must be brought up over grout edge part of roof plank and shall be sealed over the plank / grout joint.
17. All Exterior, Stairwell-Corridor, Apartment-Corridor, and Any Door Separating a Space that is Vented to the Outdoors (Boiler, Gas Meter, Etc.): Install weatherstripping with rigid fastener and compressible closed cell foam insert.
18. This project is to conform to 2020 Enterprise Green Communities Criteria for adhesives and sealants. All sealants to be in accordance with South Coast Air Quality Management District Rule 1168.

RECESSED LIGHTING NOTES

1. Recessed luminaires installed in the building thermal envelope shall be sealed to limit air leakage between conditioned and unconditioned spaces.
2. All recessed luminaires shall be IC-rated.
3. All recessed luminaires shall be sealed with a gasket or caulk between the housing and Interior wall or ceiling covering.

DUCT SEALING NOTES

1. All ducts, air handlers and filter boxes shall be sealed. Use low-VOC mastic or equivalent UL181 compliant material and install according to manufacturer's requirement. Do not apply mastic below recommended temperature range.
2. Transverse Joint Sealing:
   a) Apply mastic continuously at all transverse joints including any gaps between the finished drywall and duct.
   b) After starting the male fitting into the female fitting and prior to seating the joint; apply a band of mastic to the exposed part of the male fitting. Fully seat the joint and mechanically fasten with sheet metal screws or rivets. Next apply a band of mastic to the outside of the joint covering the screws or rivets and joint gap.
3. Take-off Duct Sealing:
   a) Apply mastic continuously around all joints between take-off ducts and shafts.
   b) Apply a band of mastic to the outside of joint covering the screws or rivets and joint gap.
4. Roof Fan Curb Sealing: Before installation of roof curbs, seal gaps between ductwork and roofing plank.
5. Air Distribution - In-Unit Duct Leakage Testing: Ensure duct systems can be physically sealed and pressurized for duct leakage testing. For ventilation systems that utilize an intake duct to the return side of the HVAC system without motorized dampers, GC must provide interior or exterior access to the intake duct so that it can be sealed during testing.

AIR SEALING NOTES

1. Use shrink/crack-proof caulk to seal gaps smaller than 1/4"
2. Use explanding foam to seal gaps larger than 1/4"
3. Spray-on air sealing products are very effective (i.e. EcoSeal)
4. Use low-expanding foam at window and door openings
5. Use temperature-appropriate sealant (i.e. high-temp caulk at flues, heating pipes, etc.)
6. Clean out cracks before applying sealant (i.e. compressed ait, vaccuum, damp cloth, etc.)

TABLE II – PROGRESS INSPECTIONS FOR ENERGY CODE COMPLIANCE – COMMERCIAL BUILDINGS

	Inspection/Test	Periodic (minimum)	Reference Standard (See ECC Chapter C6) or Other Criteria	ECC or Other Citation	Is this inspection required? YES	NO
IIA	**Envelope Inspections**					
IIA1	Protection of exposed foundation insulation: Insulation must be visually inspected to verify proper protection where applied to the exterior of basement or cellar walls, crawl-space walls and/or the perimeter of slab-on-grade floors.	As required during foundation work and prior to backfill	Approved construction documents, ASTM C272	C303.2.1; ASHRAE 90.1 – 5.8.1, 5.9	X	
IIA2	Insulation placement and R-values: Installed insulation for each component of the conditioned space envelope and at junctions between components, including thermal bridges and heated slab insulation, must be visually inspected to ensure that the R-values are marked, that such R-values conform to the R-values identified in the construction documents and that the insulation is properly installed. Certifications for unmarked insulation also be visually inspected.	As required to verify continuous enclosure while walls, ceilings and floors are open	Approved construction documents	C303.1, C303.2, C402.1, C402.2, C402.6, C406; ASHRAE 90.1 –5.5, 5.6, 5.8, 5.9, 11 or Appendix G, Appendix I	X	
IIA3	Fenestration and door U-factor and product ratings: U-factors, SHGC and VT values of installed fenestration must be visually inspected for conformance with the U-factors, SHGC and VT values identified in the construction drawings by verifying the manufacturer's NFRC labels or, where not labeled, using the ratings in ECC Tables C303.1.3(1), (2) and (3).	As required during installation	Approved construction documents; NFRC 100, NFRC 200, NFRC 300, ANSI/DASMA 105,...	C303.1, C303.1.3, C402.1.4, C402.4, C406; ASHRAE 90.1 –5.4.2, 5.5, 5.6, 5.8.2, 5.9, 11 ...	X	
IIA4	Fenestration air leakage: Windows and door assemblies, except site-built windows and/or doors, must be visually inspected to verify that installed assemblies are listed and labeled by the manufacturer to the referenced standard. For curtain wall, storefront glazing, commercial entrance doors and revolving doors, the testing reports must be reviewed to verify that the installed assembly complies with the standard cited in the approved plans. Weatherseals at loading docks must be visually verified.	As required during installation; prior to final construction inspection	NFRC 400, AAMA/WDMA/CSA 101/I.S.2/A440; ASTM E283; ANSI/DASMA 105	C402.5.2, C402.5.6; ASHRAE 90.1 – 5.4.3.2, 5.4.3.3, 5.8.2, 5.9	X	
IIA5	Fenestration areas: Dimensions of windows, doors and skylights must be verified by visual inspection.	Prior to final construction inspection	Approved construction documents	C402.4; ASHRAE 90.1 – 5.4, 5.5.4, 5.6, 5.9, 11 or Appendix G	X	
IIA6	Air barrier visual inspection: Openings and penetrations in the building envelope, including site-built fenestration and doors, must be visually inspected to verify that a continuous air barrier around the envelope forms an air-tight enclosure. The progress inspector must visually inspect to verify that materials and/or assemblies have been tested and meet the requirements of the respective standards, or must observe the testing of the building and/or assemblies and verify that the building and/or assemblies meet the requirements of the standard, in accordance with the standard(s) cited in the approved plans.	As required during construction	Approved construction documents; ASTM E2178, ASTM E2357, ASTM E1677, ASTM E779, ASTM E283.	C402.5; ASHRAE 90.1 – 5.4.3.1, 5.4.3.5, 5.9	X	
IIA7	Air barrier testing: Testing must be performed in accordance with section ECC C402.5.1.3.1 or ASHRAE 90.1 section 5.4.3.1.3, and shall be accepted if the building meets the requirements detailed in such section. Test results shall be retained in accordance with the provisions of Title 28 of the Administrative Code. Testing must be performed by a third- party independent of the contractor and acceptable to the department.	As required during construction, or prior to final construction inspection	Approved construction documents; ASTM E 779, ANSI/BOMA Z65.1, ASTM E3158, RESNET/ICC 380	C402.5, C402.5.1.3, C406; ASHRAE 90.1 – 5.4.3.1.3, 5.9, Appendix I	X	
IIA8	Air barrier continuity plan testing: Each unique air barrier joint or seam must be tested or inspected for B64 compliance. Documentation includes the method of test performed on each unique air barrier joint or seam and the results of the test. If an air barrier joint or seam has a deficiency, the deficiency must be noted, and retested until it complies with the testing requirements. Test results must be retained in accordance with the provisions of Title 28 of the Administrative Code. Testing must be performed by a third-party independent of the contractor and acceptable to the department.	As required during construction	Approved construction documents; ASTM E779, ASTM E1186, ASTM E2813, ASTM E3158	C402.5.1.3; ASHRAE 90.1 – 5.4.3.1.3, 5.9	X	
IIA9	Vestibules: Required entrance vestibules must be visually inspected for proper operation.	Prior to final construction inspection	Approved construction documents	C402.5.7; ASHRAE 90.1 – 5.4.3.4	X	

7. Assign to one trades person or party the responsibility of confirming completion of the air-sealing tasks for each type of penetration or condition.

PIPE INSUL NOTES

1. Piping shall be insulated prior to installation into hangers or other supports.
2. Cored holes drilled through the plank shall be large enough to allow the full thickness of insulation to pass through as required by pipe size and fluid type.

INSUL NOTES

1. In all cases where rigid insulation board is to be installed (e.g. below grade, above grade, roof), the insulation shall be tightly adjoined with no gaps between boards and flat against the respective substrate.
2. Interior and cavity insulation must be protected from air intrusion, moisture intrusion, and free of voids, gaps, and compression.
3. Cavity insulation must be in contact with the interior wall surface (e.g. drywall) and completely fill the interior wall cavity.
4. Batt insulation must be installed properly using splices to surround wires, electrical outlet/switch/junction boxes, pipes, and other obstructions within the insulated cavity.
5. Insulation that is intended to be continuous (interior or exterior) must be installed without breaks and at full thickness at all locations.
6. Vapor impermeable air barriers for general coverage should only be specified on the warm side of insulation (i.e. interior side of insulation in predominately heating dominated climates). Vapor permeable air barriers should be specified in other cases.

INTERIOR AIR TIGHTNESS (COMPARTMENTALIZATION)

1. Apartment Air Sealing Testing & Verification: Apartments shall be sealed to reduce air exchange between the apartment and outside as well as the apartment and other adjacentc spaces.
   a) Rater-measured compartmentalization is no greater than 0.30 CFM50 per square feet of dwelling unit enclosure area, following procedures in ANSI / RESNET / ICC 380.38
      i) Recommended air leakage paths to be sealed include, but are not limited to the following:
         1. Plumbing penetrations, including those from water piping, drain waste and vent piping, HVAC piping, and gas line piping.
         2. Electrical penetrations, including those for receptacle outlets, lighting outlets / fixtures, communications wiring, thermostats, and smoke alarms.
         3. HVAC penetrations, including for fans and for exhaust, supply, transfer, and return air ducts.
         4. Envelope penetrations, including at the intersection of baseboard trim and floor, at the intersection of walls and ceilings, around window trim and dwelling unit doors, including the door latch hole.
2. Firestopping: Ensure all penetrations in plank and CMU are sealed to reduce air infiltration and stack effect.
3. Demising Wall between Units:
   a) During drywall installation, leave space for demising wall drywall to be inserted.
   b) Drywall sequence must take into account sealing the vertical joint of the demising wall drywall to the exterior wall. Use caulk or one component polyurethane foam along vertical joints.
   c) Drywall sequence must also take into account sealing the portion of the demising drywall that becomes inaccessible once the perimeter drywall is installed (See air sealing detail). Use a continuous bead of caulk or one component polyurethane foam to seal the inset portion of the drywall to the concrete plank/slab at the ceiling and floor.
   d) All notches in drywall made for electrical cable, plumbing braces, etc. to be sealed with one component polyurethane foam or caulk.
4. Demising Wall within a Unit:
   a) During drywall installation, leave space so that perimeter drywall is continuous.
   b) Drywall sequence must take into account sealing the gap at the ceiling and floor between the layers of party wall drywall before the party wall is installed. Apply a continuous bead of sealant to all gaps between the drywall, ceiling and floor.
   c) All notches in drywall made for electrical cable, plumbing braces, etc. to be sealed with one component polyurethane foam or caulk.
5. Drywall to Concrete Floor Plank Connection Interior Partitions and Exterior Walls:
   a) During installation of self-leveling compound, ensure that the gap between gypsum board and the concrete floor is completely sealed by the self-leveling compound.
   b) Any remaining gaps must be sealed with caulk or foam sealant before baseboard heaters are installed on exterior walls.
   c) If gap is 3/8" or less, use caulk. If gap is greater than 3/8", use foam.
6. Drywall to Concrete Ceiling Plank Interior Partitions and Exterior Walls:
   a) After installation of sheetrock, apply a continuous bead of sealant to the gap between sheetrock and plank.
   b) If installing a dropped ceiling, the concrete plank must be sealed to the drywall before installation of the dropped ceiling.
7. Interior Door Frames (Bathrooms, Closets, Bedrooms, Etc.): Seal entire perimeter between door frame and drywall with caulk on both sides of all interior doors.
8. Electrical and Telecommunication Panels:
   a) Seal entire perimeter gap between panel and drywall using caulk.
   b) Install closed cell neoprene foam tape on the interior side of the panel door. Ensure door tightly seals to panel when closed.
9. Outlet and Electrical Boxes - Exterior and Demising Walls:
   a) Install putty pads.
   b) Use insulated, self closing outlet covers instead of conventional outlet covers.
   c) No outlets to be placed back to back or within the same stud spacing on demising walls.
10. Underside of Window Sill to Drywall Connection: Seal joint between underside of the window sill and drywall with caulk.
11. HVAC Access Doors:
    a) Seal all gaps between the drywall and perimeter of the access door frame.
    b) Add closed cell neoprene foam tape to an access door that is not originally weather stripped and ensure it closes tightly.
12. Heating Pipe Penetrations: Seal all heating pipe penetrations using foam or other sealant product rated for 200°F.
13. Plumbing Penetrations:
    a) Fill rough opening with gypsum compound, foam or caulk to seal plumbing penetrations before installation of escutcheon.
    b) Areas include around shower heads, and under bathroom and kitchen sinks including around drain lines.
14. Sprinkler, Gas Line, and Wiring Penetrations: Fill opening with gypsum compound, foam or caulk to seal around all penetrations through drywall.
15. Door Latch Hole: If a blower test indicates significant leakage at this location, spray one part polyurethane foam above and below latch hole in door frame cavity. Cut away any foam that expands into operating area of the latch hole if necessary.

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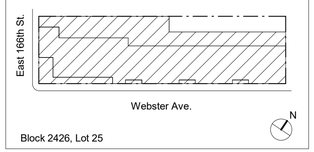
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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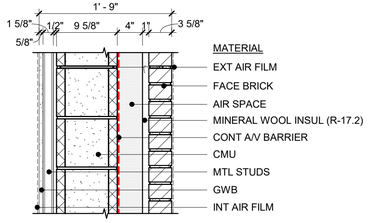
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Checked By	RE
Project No.	2231

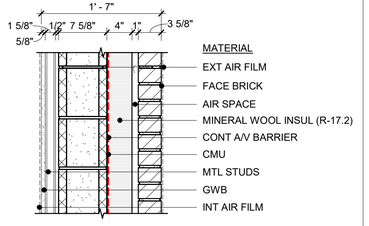
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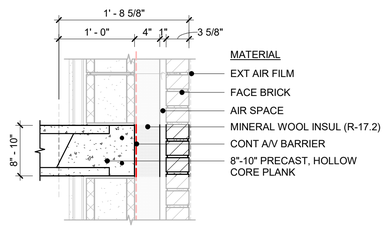
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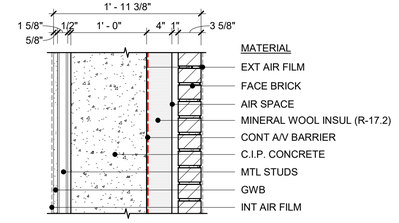
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1" = 1'-0"



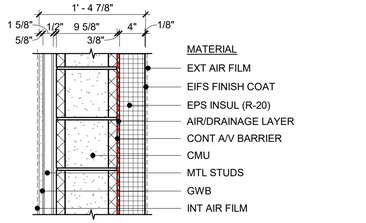
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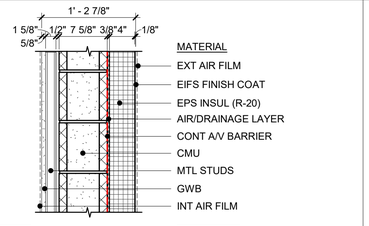
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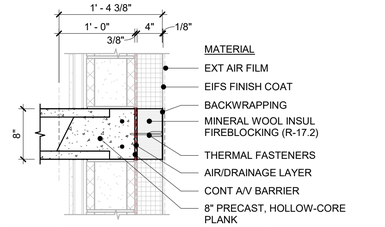
4 Wall Type 1D - Brick @ C.I.P. Conc (U-0.050)
1" = 1'-0"



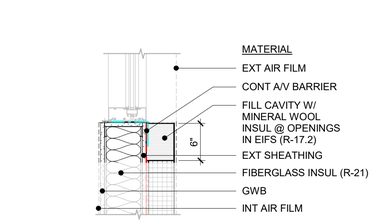
5 Wall Type 2A - EIFS @ 10" CMU (U-0.043)
1" = 1'-0"



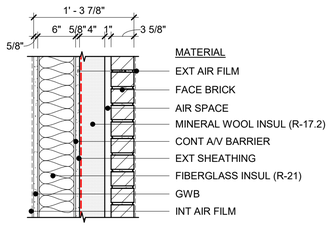
6 Wall Type 2B - EIFS @ 8" CMU (U-0.043)
1" = 1'-0"



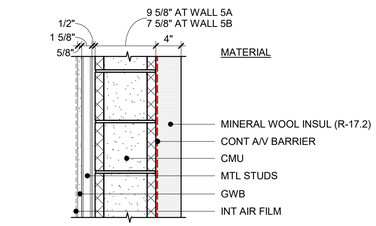
7 Wall Type 2C - Slab Edge @ EIFS (U-0.043)
1" = 1'-0"



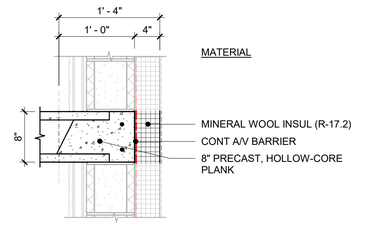
8 Wall Type 3 - Fireblocking @ Opgs in EIFS (U-0.038)
1" = 1'-0"



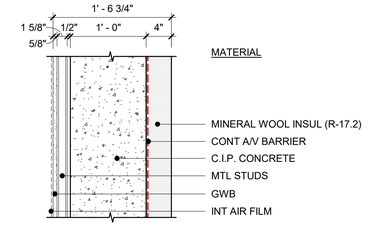
9 Wall Type 4 - Brick @ Metal Framing (U-0.038)
1" = 1'-0"



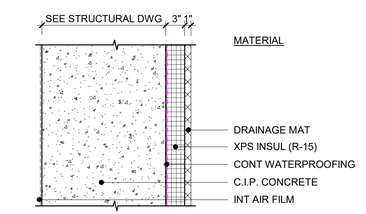
10 Wall Type 5A & 5B - Blindside Insul @ CMU (U-0.049)
1" = 1'-0"



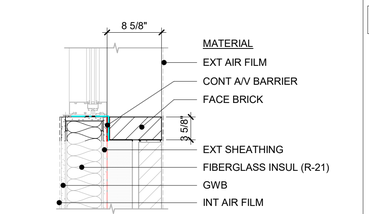
11 Wall Type 5C - Blindside Insul @ Plank (U-0.053)
1" = 1'-0"



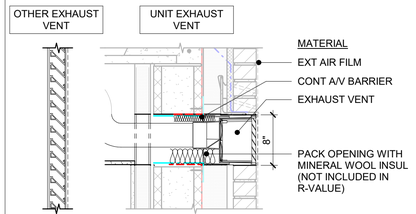
12 Wall Type 5D - Blindside Insul @ C.I.P. Conc (U-0.050)
1" = 1'-0"



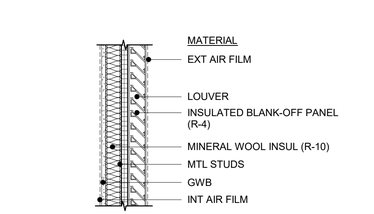
13 Wall Type 6 - Foundation Wall (U-0.059)
1" = 1'-0"



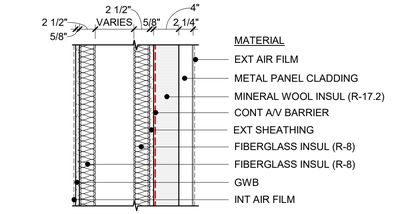
14 Wall Type 7 - Brick Return (U-0.106)
1" = 1'-0"



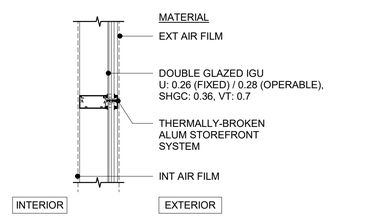
15 Wall Type 8A - Active Louver (U-0.5)
1" = 1'-0"



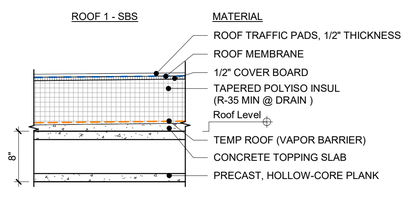
16 Wall Type 8B - Inactive Louver (U-0.071)
1" = 1'-0"



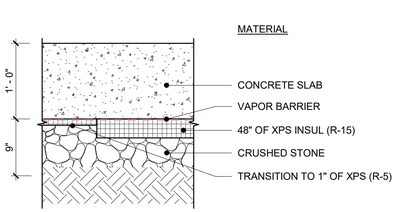
17 Wall Type 9 - Metal Panel @ Metal Framing (U-0.039)
1" = 1'-0"



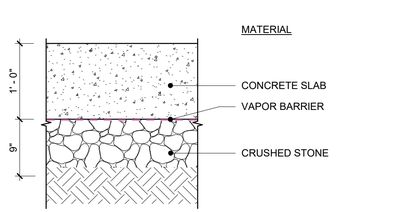
18 Storefront - (U-0.26 Fixed / U-0.28 Operable)
1" = 1'-0"



19 Roof Types 1 & 2 (U-0.028)
1" = 1'-0"



20 Floor Type 1
1" = 1'-0"



21 Floor Type 2
1" = 1'-0"

BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE

EXTERIOR WALL TYPES

W1A: BRICK @ 10" CMU (FURRED)
W1B: BRICK @ 8" CMU (FURRED)
W1C: BRICK @ PLANK EDGE
W1D: BRICK @ C.I.P. CONC (FURRED)
W2A: EIFS @ 10" CMU (FURRED)
W2B: EIFS @ 8" CMU (FURRED)
W2C: EIFS @ PLANK EDGE
W3: FIREBLOCKING @ OPENINGS IN EIFS
W4: BRICK @ 6" MTL FRAMING
W5A: BLINDSIDE INSUL @ 10" CMU
W5B: BLINDSIDE INSUL @ 8" CMU
W5C: BLINDSIDE INSUL @ PLANK EDGE
W5D: BLINDSIDE INSUL @ C.I.P. CONC (FURRED)
W6: CELLAR & FOUNDATION WALLS
W7: BRICK RETURN
W8A: ACTIVE LOUVER
W8B: INACTIVE LOUVER
W9: METAL PANEL @ METAL FRAMING

ROOF TYPES

R1: SBS ROOF
R2: IRMA ROOF (BALLASTED)

FLOOR TYPES

F1: SLAB-ON-GRADE
F2: CELLAR SLAB

Eleven11 Webster Ave

1111 Webster Ave.
Bronx NY 10456

M1099 Webster LLC
48-02 25th Ave, Suite 400 C
Astoria, NY 11103

Schur Management Co., Ltd.
2432 Grand Concourse
Bronx, NY 10458

BronxWorks
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Bronx, NY 10453

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Skyline Engineering, LLC
42 W. 39th St. 10th Fl.
New York, NY 10004

Landscape Architect
Weintraub Diaz Landscape Arch, PLLC
19 New St.
Nyack, NY 10960

Lighting Designer
HLB Lighting Design
38 E. 32nd St. 11th Fl.
New York, NY 10016

Sustainability Consultant
Ettinger Engineering Associates
505 8th Ave. 24th Fl.
New York, NY 10018

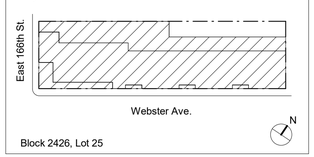
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Energy Analysis - Envelope Assemblies

Date	08/30/2024
Scale	As indicated
Drawn By	PN
Checked By	RE
Project No.	2231

Seal

Sheet No.:

EN-002.00

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Plotted: 8/30/2024 5:18:20 PM

COMcheck Software Version 4.1.5.5

Envelope Compliance Certificate

Project Information

Energy Code:	2020 New York City Energy Conservation Code
Project Title:	Eleven11 Webster Ave
Location:	New York, New York
Climate Zone:	4a
Project Type:	New Construction
Vertical Glazing / Wall Area:	21%

Construction Site:
1111 Webster Ave
Bronx, NY 10456

Owner/Agent:
M1099 Webster LLC
48-02 25th Ave
Suite 400 C
Astoria, NY 11103

Designer/Contractor:
Beth Greenberg
Dattner Architects
498 Seventh Ave
20th Floor
New York, NY 10018
(212) 247-2660
bgreenberg@dattner.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Enhanced Interior Lighting Controls, 1.0 credit

Building Area	Floor Area
1-Retail : Nonresidential	19911
2-Multifamily : Residential	225095
3-Office : Nonresidential	4997

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
F1 - Slab-on-Grade: Slab-On-Grade:Heated Fully insulated (uniform R-value across perimeter + under entire slab), [Bldg. Use 1 - Retail] (d)	764	---	15.0	0.440	0.602
F1 - Slab-on-Grade: Slab-On-Grade:Heated Fully insulated (uniform R-value across perimeter + under entire slab), [Bldg. Use 3 - Office] (d)	361	---	15.0	0.440	0.602
F1 - Slab-on-Grade: Slab-On-Grade:Heated Fully insulated (uniform R-value across perimeter + under entire slab), [Bldg. Use 2 - Multifamily] (d)	529	---	15.0	0.440	0.602
F2 - Cellar Slab: Slab-On-Grade:Heated, Vertical 4 ft., [Bldg. Use 2 - Multifamily] (d)	461	---	15.0	0.720	0.602
R1 - SBS: Insulation Entirely Above Deck, [Bldg. Use 1 - Retail]	3865	---	35.0	0.028	0.030
R2 - IRMA: Insulation Entirely Above Deck, [Bldg. Use 3 - Office]	1652	---	35.0	0.028	0.030
R1 - SBS: Insulation Entirely Above Deck, [Bldg. Use 2 - Multifamily]	16220	---	35.0	0.028	0.030
R2 - IRMA: Insulation Entirely Above Deck, [Bldg. Use 2 - Multifamily]	8460	---	35.0	0.028	0.030
NORTH					
W4 - Brick @ 6" Metal Framing: Steel-Framed, 16" o.c., [Bldg. Use 1 - Retail]	613	21.0	17.2	0.038	0.061
Door - Opaque, Swinging: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	23	---	---	0.500	0.500
W1A - Brick @ 10" CMU: Concrete Block:10", Partially Grouted, Cells	1823	0.0	17.2	0.049	0.086

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]					
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	88	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	122	---	---	0.280	0.280
W1B - Brick @ 8" CMU: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	818	0.0	17.2	0.049	0.086
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	59	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	81	---	---	0.280	0.280
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 3 - Office]	42	---	17.2	0.053	0.099
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	225	---	17.2	0.053	0.086
W2A - EIFS @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	409	0.0	20.0	0.043	0.086
W2B - EIFS @ 8" CMU: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	340	0.0	20.0	0.043	0.086
W2C - EIFS @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	63	---	20.0	0.046	0.086
W4 - Brick @ 6" Metal Framing: Wood-Framed, 24" o .c., [Bldg. Use 2 - Multifamily]	60	21.0	17.2	0.028	0.061
W5A - Blindside Insul @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	3905	0.0	17.2	0.049	0.086
W5B - Blindside Insul @ 8" CMU: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	536	0.0	17.2	0.049	0.086
W5D - Blindside Insul @ C.I.P. Concrete: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	370	0.0	17.2	0.050	0.086
W6 - Foundation Wall: Solid Concrete:12" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	901	---	15.0	0.059	0.086
W8A - Active Louver: Other Metal Building Wall, [Bldg. Use 2 - Multifamily] (b)	49	---	---	0.500	0.048
W8B - Inactive Louver: Other Metal Building Wall, [Bldg. Use 2 - Multifamily] (b)	41	---	---	0.071	0.048
W1A - Brick @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	927	0.0	17.2	0.049	0.086
W1B - Brick @ 8" CMU: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	2347	0.0	17.2	0.049	0.086
Door - Opaque, Swinging: Insulated Metal, Swinging, [Bldg. Use 2 - Multifamily]	24	---	---	0.500	0.500
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	231	---	17.2	0.053	0.086
W4 - Brick @ 6" Metal: Steel-Framed, 16" o.c., [Bldg. Use 1 - Retail]	18	21.0	17.2	0.038	0.061
EAST					
W1A - Brick @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 3 - Office]	621	0.0	17.2	0.049	0.099
Door - Glazed: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, < 95' above-grade, [Bldg. Use 3 - Office] (c)	26	---	---	0.360	0.770
Storefront - Fixed: Metal Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 3 - Office] (c)	21	---	---	0.300	0.360

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 3 - Office] (c)	77	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 3 - Office] (c)	80	---	---	0.280	0.280
W1A - Brick @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	17925	0.0	17.2	0.049	0.086
Door - Glazed: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, < 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	24	---	---	0.360	0.770
Storefront - Fixed: Metal Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	36	---	---	0.300	0.360
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	2397	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	3697	---	---	0.280	0.280
W1B - Brick @ 8" CMU: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	13069	0.0	17.2	0.049	0.086
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	1459	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	2543	---	---	0.280	0.280
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Retail]	60	---	17.2	0.053	0.099
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 3 - Office]	45	---	17.2	0.053	0.099
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	2707	---	17.2	0.053	0.086
W4 - Brick @ 6" Metal Framing: Steel-Framed, 16" o.c., [Bldg. Use 1 - Retail]	3122	21.0	17.2	0.038	0.061
Door - Glazed: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, < 95' above-grade, [Bldg. Use 1 - Retail] (c)	171	---	---	0.360	0.770
Door - Opaque, Non-Swinging: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	157	---	---	0.310	0.500
Storefront - Fixed: Metal Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 1 - Retail] (c)	931	---	---	0.300	0.360
W4 - Brick @ 6" Metal Framing: Steel-Framed, 16" o.c., [Bldg. Use 3 - Office]	1236	21.0	17.2	0.038	0.061
Door - Glazed: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, < 95' above-grade, [Bldg. Use 3 - Office] (c)	59	---	---	0.360	0.770
Storefront - Fixed: Metal Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 3 - Office] (c)	494	---	---	0.300	0.360
W4 - Brick @ 6" Metal Framing: Steel-Framed, 16" o.c., [Bldg. Use 2 - Multifamily]	1038	21.0	17.2	0.038	0.061
Door - Glazed: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, < 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	139	---	---	0.360	0.770
Door - Opaque, Swinging: Insulated Metal, Swinging, [Bldg. Use 2 - Multifamily]	49	---	---	0.500	0.500

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Storefront - Fixed: Metal Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	357	---	---	0.300	0.360
W6 - Foundation Wall: Solid Concrete:12" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	3144	---	15.0	0.059	0.086
W7/LTB.1 - Brick Return: Steel-Framed, 16" o.c., [Bldg. Use 1 - Retail]	86	21.0	0.0	0.106	0.061
W7/LTB.1 - Brick Return: Steel-Framed, 16" o.c., [Bldg. Use 3 - Office]	23	21.0	0.0	0.106	0.061
W7LTB.1 - Brick Return: Steel-Framed, 16" o.c., [Bldg. Use 2 - Multifamily]	16	0.0	0.0	0.352	0.061
W8A - Active Louver: Other Metal Building Wall, [Bldg. Use 1 - Retail] (b)	20	---	---	0.500	0.048
W8A - Active Louver: Other Metal Building Wall, [Bldg. Use 2 - Multifamily] (b)	1381	---	---	0.500	0.048
W8B - Inactive Louver: Other Metal Building Wall, [Bldg. Use 1 - Retail] (b)	177	---	---	0.071	0.048
W8B - Inactive Louver: Other Metal Building Wall, [Bldg. Use 3 - Office] (b)	30	---	---	0.071	0.048
W8B - Inactive Louver: Other Metal Building Wall, [Bldg. Use 2 - Multifamily] (b)	989	---	---	0.071	0.048
W9 - Metal Panel @ Metal Framing: Steel-Framed, 16" o.c., [Bldg. Use 1 - Retail]	212	16.0	17.2	0.039	0.061
W9 - Metal Panel @ Metal Framing copy 1: Steel-Framed, 16" o.c., [Bldg. Use 2 - Multifamily]	13	16.0	17.2	0.039	0.061
SOUTH					
W1A - Brick @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 3 - Office]	900	0.0	17.2	0.049	0.099
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 3 - Office] (c)	128	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 3 - Office] (c)	112	---	---	0.280	0.280
W1A - Brick @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	3519	0.0	17.2	0.049	0.086
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	368	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	560	---	---	0.280	0.280
W1B - Brick @ 8" CMU: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	3466	0.0	17.2	0.049	0.086
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	325	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	459	---	---	0.280	0.280
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 3 - Office]	102	---	17.2	0.053	0.099
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	626	---	17.2	0.053	0.086
W4 - Brick @ 6" Metal Framing: Steel-Framed, 16" o.c., [Bldg. Use 3 - Office]	1524	21.0	17.2	0.038	0.061
Door - Opaque, Swinging: Insulated Metal, Swinging, [Bldg. Use 3 - Office]	25	---	---	0.500	0.500
Storefront - Fixed: Metal Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, >= 95'	392	---	---	0.300	0.360

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
above-grade, [Bldg. Use 3 - Office] (c)					
W6 - Foundation Wall: Solid Concrete:12" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	813	---	15.0	0.059	0.086
W7/LTB.1 - Brick Return: Steel-Framed, 16" o.c., [Bldg. Use 3 - Office]	35	21.0	0.0	0.106	0.061
W8A - Active Louver: Other Metal Building Wall, [Bldg. Use 3 - Office] (b)	5	---	---	0.500	0.048
W8A - Active Louver: Other Metal Building Wall, [Bldg. Use 2 - Multifamily] (b)	132	---	---	0.500	0.048
W8B - Inactive Louver: Other Metal Building Wall, [Bldg. Use 3 - Office] (b)	65	---	---	0.071	0.048
W8B - Inactive Louver: Other Metal Building Wall, [Bldg. Use 2 - Multifamily] (b)	226	---	---	0.071	0.048
W1A - Brick @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	927	0.0	17.2	0.049	0.086
W1B - Brick @ 8" CMU: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	424	0.0	17.2	0.049	0.086
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	15	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	51	---	---	0.280	0.280
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	159	---	17.2	0.053	0.086
W4 - Brick @ 6" Metal: Steel-Framed, 16" o.c., [Bldg. Use 1 - Retail]	18	21.0	17.2	0.038	0.061
WEST					
W1A - Brick @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	5540	0.0	17.2	0.049	0.086
Door - Glazed: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, < 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	43	---	---	0.360	0.770
Storefront - Fixed: Metal Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID NYCECC2020 default, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	103	---	---	0.300	0.360
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	596	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	620	---	---	0.280	0.280
W1B - Brick @ 8" CMU: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	1042	0.0	17.2	0.049	0.086
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	59	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	81	---	---	0.280	0.280
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 3 - Office]	147	---	17.2	0.053	0.099
W1C - Brick @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	586	---	17.2	0.053	0.086
W2A - EIFS @ 10" CMU: Concrete Block:10", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	11170	0.0	20.0	0.043	0.086
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	1637	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade,	3043	---	---	0.280	0.280

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)					
W2B - EIFS @ 8" CMU: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	10078	0.0	20.0	0.043	0.086
Door - Opaque, Swinging: Insulated Metal, Swinging, [Bldg. Use 2 - Multifamily]	39	---	---	0.500	0.500
Window - Fixed: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	1310	---	---	0.260	0.280
Window - Operable: Vinyl/Fiberglass Frame:Fixed, >= 95' above-grade, Perf. Specs.: Product ID Intus Supera AW, SHGC 0.36, VT 0.70, >= 95' above-grade, [Bldg. Use 2 - Multifamily] (c)	2435	---	---	0.280	0.280
W2C - EIFS @ Slab Edge: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	2077	---	20.0	0.046	0.086
W3 - Fireblocking @ Openings in EIFS: Concrete Block:8", Partially Grouted, Cells Empty, Normal Density, Furring: Metal, [Bldg. Use 2 - Multifamily]	4064	0.0	0.0	0.321	0.086
W4 - Brick @ 6" Metal Framing: Steel-Framed, 16" o.c., [Bldg. Use 1 - Retail]	2650	21.0	17.2	0.038	0.061
Door - Opaque, Swinging: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	24	---	---	0.500	0.500
W4 - Brick @ 6" Metal Framing: Wood-Framed, 24" o .c., [Bldg. Use 2 - Multifamily]	2918	21.0	17.2	0.028	0.061
W6 - Foundation Wall: Solid Concrete:12" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Multifamily]	3110	---	15.0	0.059	0.086
W7/LTB.1 - Brick Return: Steel-Framed, 16" o.c., [Bldg. Use 3 - Office]	10	21.0	0.0	0.106	0.061
W8A - Active Louver: Other Metal Building Wall, [Bldg. Use 2 - Multifamily] (b)	1283	---	---	0.500	0.048
W8B - Inactive Louver: Other Metal Building Wall, [Bldg. Use 2 - Multifamily] (b)	1113	---	---	0.071	0.048

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) 'Other' components require supporting documentation for proposed U-factors.
(c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(d) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 8% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2020 New York City Energy Conservation Code requirements in COM*check* Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COMcheck Software Version 4.1.5.5

Inspection Checklist

Energy Code: 2020 New York City Energy Conservation Code

Requirements: 100.0% were addressed directly in the COM*check* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR1][1]	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.4.1 [PR10][1]	The vertical fenestration area <= 30 percent of the gross above-grade wall area.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.4.1 [PR11][1]	The skylight area <= 3 percent of the gross roof area.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.4.2 [PR14][1]	In enclosed spaces > 2,500 ft2 directly under a roof with ceiling heights >15 ft. and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/sorting area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.5.1 [PR16][1]	Group R-2 dwelling units have separate electrical meters.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.5.2 [PR36][1]	Electrical meters for tenant spaces in covered buildings. Each covered tenant space in a new building shall be equipped with a separate meter or sub-meter to measure the electrical consumption of such space when let or sublet. See section details and Section 28-311.2 of the Administrative Code. As new covered tenant spaces are created, they shall be equipped with meters or sub-meters as provided in this section	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C401.2.1 [PR42][1]	Where Group R-3 buildings must comply with Section C401.2, the requirements of Sections R401.3 (Permanent Certificate), R402.4.1.2 (Air leakage testing), and R403.6.2 (Mechanical ventilation) are also met.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C406 [PR9][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.11 [PR40][3]	Measurement devices installed to individually monitor energy use of each of the following types of energy supplied by a utility, energy provider, or plant that is not within the building: Natural gas, Fuel oil, Propane, Steam, Chilled Water, Hot Water.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Group R buildings with less than 10,000 square feet of common area.
C405.12 [PR41][3]	Installed measurement device capable of recording electrical energy use every 60 minutes and the capability to report use on an hourly, daily, monthly, and annual basis. The measurement device is capable of retaining the recorded data for 36 months.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Group R buildings with less than 10,000 square feet of common area.
C402.1 [PR17][1]	PTAC/PTHP penetration through thermal envelope - When penetrations from mechanical equipment listed in Table C403.2.3(3) exceeds 1 percent of the opaque above-grade wall area, the penetration area is represented as an envelope wall assembly of similar type having size equal to penetration area and proposed U-0.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

COMPLIANCE STATEMENT

To the best of my knowledge, belief, and professional justgement, this application is in compliance with the Commercial building requirements established in chapters C2-C5 of the 2020 NYCECC.

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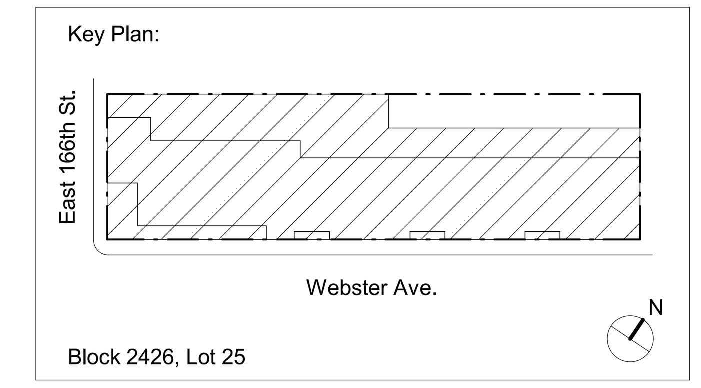
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Energy Analysis - COMCheck Envelope Compliance Certificate 1

Date	08/30/2024
Scale	
Drawn By	Author
Checked By	Checker
Project No.	2231
Seal	
Sheet No.	EN-003.00

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2 [FO4]¹	Slab edge insulation installed per manufacturer's instructions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C303.2.1 [FO6]¹	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C105 [FO3]²	Installed slab-on-grade insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.4 [FO7]²	Slab edge insulation depth/length. Slab insulation extending away from building is covered by pavement or >= 10 inches of soil.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply. *See the Envelope Assemblies table for values.*

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [FR12]²	Fenestration products rated in accordance with NFRC.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C303.1.3 [FR13]¹	Fenestration products are certified as to performance labels or certificates provided.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.4.3 [FR10]¹	Vertical fenestration SHGC value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.4.3, C402.4.3.4 [FR8]¹	Installed vertical fenestration U-factor and SHGC consistent with label specifications and as reported in plans and COMcheck reports.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.5.1 [FR16]²	The building envelope contains a continuous air barrier that is sealed in an approved manner and either constructed or tested in an approved manner. Air barrier penetrations are sealed in an approved manner.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.5.1.3.3 [FR21]³	Air barrier testing: Complies by test or inspection of each type of unique air barrier joint or seam in the building envelope for continuity and defects, as per an Air Barrier Continuity Plan developed by a registered design professional. Alternatively, such buildings and additions may show compliance through testing in accordance with Item 1 of this section.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.6 [PR18]³	Applications for construction document approval includes thermal bridge documentation inlcuding: 1) Clear field thermal bridges, 2) Point thermal bridges, 3) Linear thermal bridges. See section language for details.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.5.2, C402.5.4 [FR18]³	Factory-built fenestration and doors are labeled as meeting air leakage requirements.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.5.7 [FR17]³	Vestibules are installed on all building entrances. Doors have self-closing devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.5.5, C403.2.4.3 [ME3]³	Stair and elevator shaft vents have motorized dampers that automatically close. Refernece section C403.7.7 for operational details.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.7.7 [ME58]³	Outdoor air and exhaust systems have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Check gravity dampers where allowed. Reference section language for operational details.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.6 [EL26]²	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.7 [EL27]²	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.8.2, C405.8.2.1 [EL28]²	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.9 [EL29]²	Total voltage drop across the combination of feeders and branch circuits <= 5%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 [IN3]²	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is <=3 in 12.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.2.1 [IN20]¹	Insulation installed on a suspended ceiling having ceiling tiles is not being specified for roor/ceiling assemblies. Continuous insulation board installed in 2 or more layers with edge joints offset between layers.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C303.1 [IN10]²	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C303.2 [IN7]¹	Above-grade wall insulation installed per manufacturer's instructions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C303.2.1 [IN14]²	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C105 [IN6]¹	Installed above-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.3 [IN8]²	Installed floor insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.6 [IN18]³	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor space are insulated with a minimum of R-3.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C105 [IN2]³	Installed roof insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. For some ceiling systems, verification may need to occur during Framing Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.5.1.1 [IN1]³	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C402.5.6 [FI37]³	Weatherseals installed on all loading dock cargo door openings and provide direct contact along the top and sides of vehicles parked in the doorway.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C402.5.8 [FI26]³	Recessed luminaires in thermal envelope to limit infiltration and be IC rated and labeled. Seal between interior finish and luminaire housing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C406.4 [FI54]³	Enhanced digital lighting controls efficiency package: Interior lighting has following enhanced lighting controls in accordance with Section C405.2.2: Luminaires capable of continuous dimming and being addressed individually, <= 8 luminaires controlled in combination in a daylight zone, digital control system for fixtures, "Sequence of Operations" documentation, and functional testing per Section C408.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.1.1 [FI57]³	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.4, C408.4.1, C408.4.2, C408.4.3 [FI58]³	Air barrier commissioning. Registered or approved agent provides evidence of air barrier commissioning including: 1) Construction documents that include documentation of the continuous air barrier components included in the design and a field inspection checklist that includes all requirements necessary for maintaining air barrier continuity and durability in accordance with Section C402.5.1; 2) Reports from field inspections during project construction showing compliance with continuous air barrier requirements. Air barrier continuity shall be determined by testing or inspecting each type of unique air barrier joint or seam in the building envelope for continuity and defects; 3) A final commissioning report indicating compliance with the continuous air barrier requirements shall be provided to the building owner and, upon request, to the code official.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

COMPLIANCE STATEMENT

To the best of my knowledge, belief, and professional justgement, this application is in compliance with the Commercial building requirements established in chapters C2-C5 of the 2020 NYCECC.

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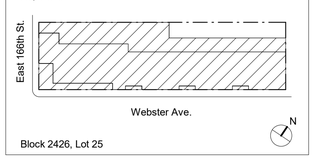
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Block 2426, Lot 25

Key Plan

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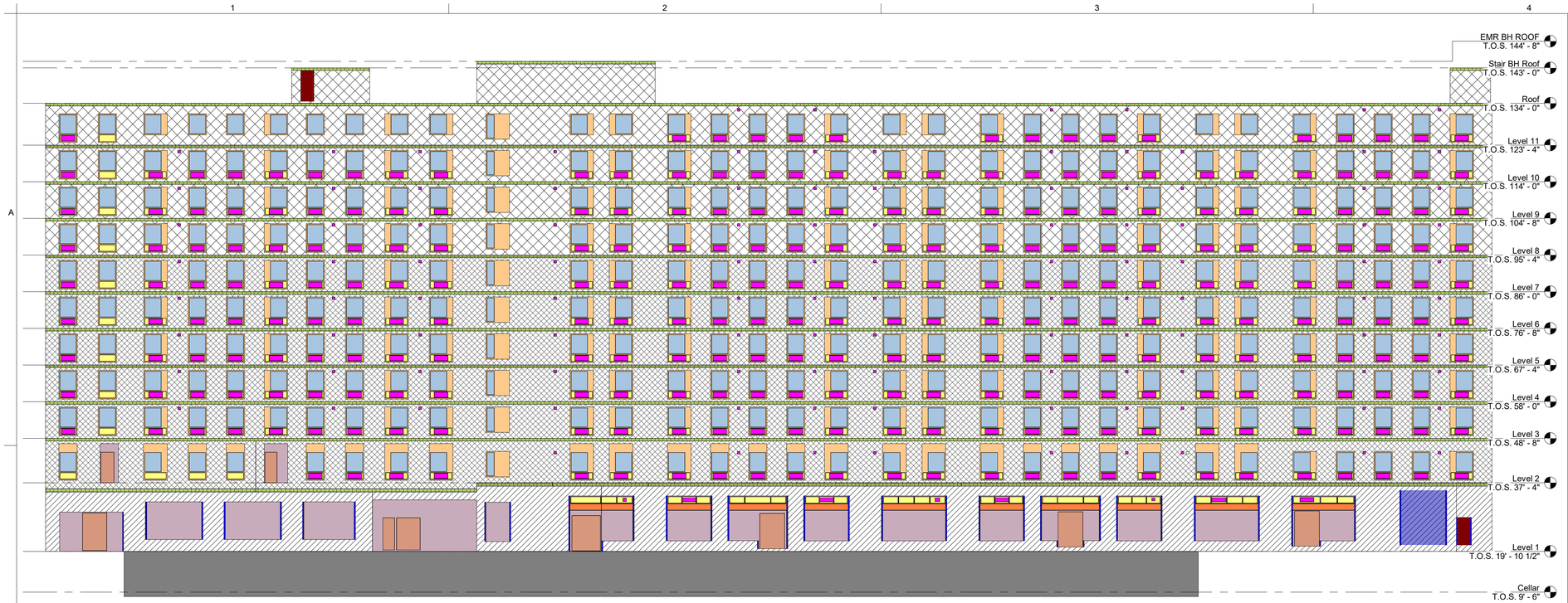
Energy Analysis - COMCheck Envelope Compliance Certificate 2

Date	08/30/2024
Scale	
Drawn By	PN
Checked By	RE
Project No.	2231

Seal

Sheet No.:

EN-004.00



B1 East Elevation - COMcheck
1/16" = 1'-0"

CLEAR FIELD Thermal Bridges

CFTB.no	Assembly/Thermal Bridge Description	R- Value	Assembly ID in Energy Analysis	Section Detail Location
CFTB.1	Structural metal framing1	R-21	W4	9/EN-002
CFTB.2	Brick ties @ 10" CMU	R-17.2	W1A	1/EN-002
CFTB.3	Brick ties @ 8" CMU	R-17.2	W1B	2/EN-002
CFTB.4	Brick ties @ slab edge	R-17.2	W1C	3/EN-002
CFTB. 5	Brick ties @ cast-in-place concrete	R-17.2	W1D	4/EN-002
CFTB.6	Brick ties @ Metal framing	R-17.2	W4	9/EN-002

1 COMcheck U-Factor accounts for thermal bridge.

POINT Thermal Bridges

PTB.no	Assembly/Thermal Bridge Description	Size (sq in)	Number of Occurences	Section Detail Location
PTB.1	Structural beam @ canopy-1			A-353
PTB.2	Structural beam @ canopy-2			A-353

LINEAR Thermal Bridges

LTB.no	Type of Thermal Bridge	Ψ-Value [Btu/hr*ft*°F]1	Ψ-Value Source / Calculation	Total Length (ft)2	Assembly ID in Energy Analysis	Section Detail Location
LTB.1	Brick return2	0.318	COMCheck	43	W7	14/EN-002
LTB.2	Slab edge @ brick2	0.066	COMCheck	6,573	W1C	3/EN-002
LTB.3	Slab edge @ EIFS2	0.054	COMCheck	2,853	W2C	7/EN-002
LTB.4	Slab edge @ blindside insul2	0.066	COMCheck	493	W5C	11/EN-002
LTB.5	Parapet		COMCheck			A-338 &...
LTB.6	Brick shelf		COMCheck			B3/A-311

1 Ψ-Value derived using COMCheck U-Factor.
2 Length derived by dividing the area input in COMCheck by the assembly width.

Envelope Assembly - East

Envelope Assembly	Envelope Assembly Area	Perimeter Length	Comments
Commercial			
W1C - Brick @ Slab Edge	60 SF		
W4 - Brick @ 6" Metal Framing	3,122 SF		
W7 - Brick Return	86 SF		
W8A - Active Louver	20 SF		
W8B - Inactive Louver	177 SF		
W9 - Mtl Panel @ Mtl Framing	212 SF		
Door - Glazed	171 SF		@ W4
Door - Opaque, Non-Swinging	157 SF		@ W4
Storefront - Fixed	931 SF		@ W4
Office			
W1A - Brick @ 10" CMU	621 SF		
W1C - Brick @ Slab Edge	45 SF		
W4 - Brick @ 6" Metal Framing	1,236 SF		
W7 - Brick Return	23 SF		
W8B - Inactive Louver	30 SF		
Door - Glazed	26 SF		@ W1A
Door - Glazed	59 SF		@ W4
Storefront - Fixed	21 SF		@ W1A
Storefront - Fixed	494 SF		@ W4
Window - Fixed	77 SF		@ W1A
Window - Operable	80 SF		@ W1A
Residential			
W1A - Brick @ 10" CMU	17,925 SF		
W1B - Brick @ 8" CMU	13,069 SF		
W1C - Brick @ Slab Edge	2,707 SF		
W4 - Brick @ 6" Metal Framing	1,038 SF		
W6 - Foundation Wall	3,144 SF		
W7 - Brick Return	16 SF		
W8A - Active Louver	1,381 SF		
W8B - Inactive Louver	989 SF		
W9 - Metal Panel @ Metal Framing	13 SF		
Door - Glazed	24 SF		@ W1A
Door - Glazed	139 SF		@ W4
Door - Opaque, Swinging	49 SF		@ W4
Storefront - Fixed	36 SF		@ W1A
Storefront - Fixed	357 SF		@ W4
Window - Fixed	2,397 SF		@ W1A
Window - Fixed	1,459 SF		@ W1B
Window - Operable	3,697 SF		@ W1A
Window - Operable	2,543 SF		@ W1B

Envelope Assembly - South

Envelope Assembly	Envelope Assembly Area	Perimeter Length	Comments
Office			
W1A - Brick @ 10" CMU	900 SF		
W1C - Brick @ Slab Edge	102 SF		
W4 - Brick @ 6" Metal Framing	1,524 SF		
W7 - Brick Return	35 SF		
W8A - Active Louver	5 SF		
W8B - Inactive Louver	65 SF		
Door - Opaque, Swinging	25 SF		@ W4
Storefront - Fixed	392 SF		@ W4
Window - Fixed	128 SF		@ W1A
Window - Operable	112 SF		@ W1A
Residential			
W1A - Brick @ 10" CMU	3,519 SF		
W1B - Brick @ 8" CMU	3,466 SF		
W1C - Brick @ Slab Edge	626 SF		
W6 - Foundation Wall	813 SF		
W8A - Active Louver	132 SF		
W8B - Inactive Louver	226 SF		
Window - Fixed	368 SF		@ W1A
Window - Fixed	325 SF		@ W1B
Window - Operable	560 SF		@ W1A
Window - Operable	459 SF		@ W1B



C3 South Elevation - COMcheck
1/16" = 1'-0"

COMCHECK WALL TYPES LEGEND

- WALL TYPE 1A BRICK @ 10" CMU
- WALL TYPE 1B BRICK @ 8" CMU
- WALL TYPE 1C SLAB EDGE @ BRICK
- WALL TYPE 1D BRICK @ CONCRETE
- WALL TYPE 2A EIFS @ 10" CMU
- WALL TYPE 2B EIFS @ 8" CMU
- WALL TYPE 2C EIFS @ SLAB EDGE
- WALL TYPE 3 FIREBLOCKING @ OPENINGS IN EIFS
- WALL TYPE 4 BRICK @ 6" METAL FRAMING
- WALL TYPE 5A BLINDSIDE INSUL @ 10" CMU
- WALL TYPE 5B BLINDSIDE INSUL @ 8" CMU
- WALL TYPE 5C BLINDSIDE INSUL @ SLAB EDGE
- WALL TYPE 5D BLINDSIDE INSUL @ CONCRETE
- WALL TYPE 6 FOUNDATION WALL
- WALL TYPE 7/LTB.1 BRICK RETURN
- WALL TYPE 8A ACTIVE LOUVER
- WALL TYPE 8B INACTIVE LOUVER
- WALL TYPE 9 METAL PANEL @ METAL FRAMINIG
- DOOR OPAQUE SWINGING
- DOOR OPAQUE NON-SWINGING
- DOOR - GLAZED
- STOREFRONT- FIXED
- WINDOW - OPERABLE
- WINDOW - FIXED
- FLOOR TYPE 1 SLAB-ON-GRADE
- FLOOR TYPE 2 CELLAR SLAB
- ROOF TYPE 1 - SBS
- ROOF TYPE 2 - IRMA

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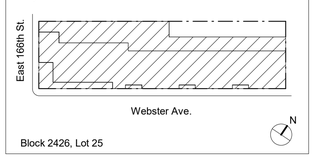
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

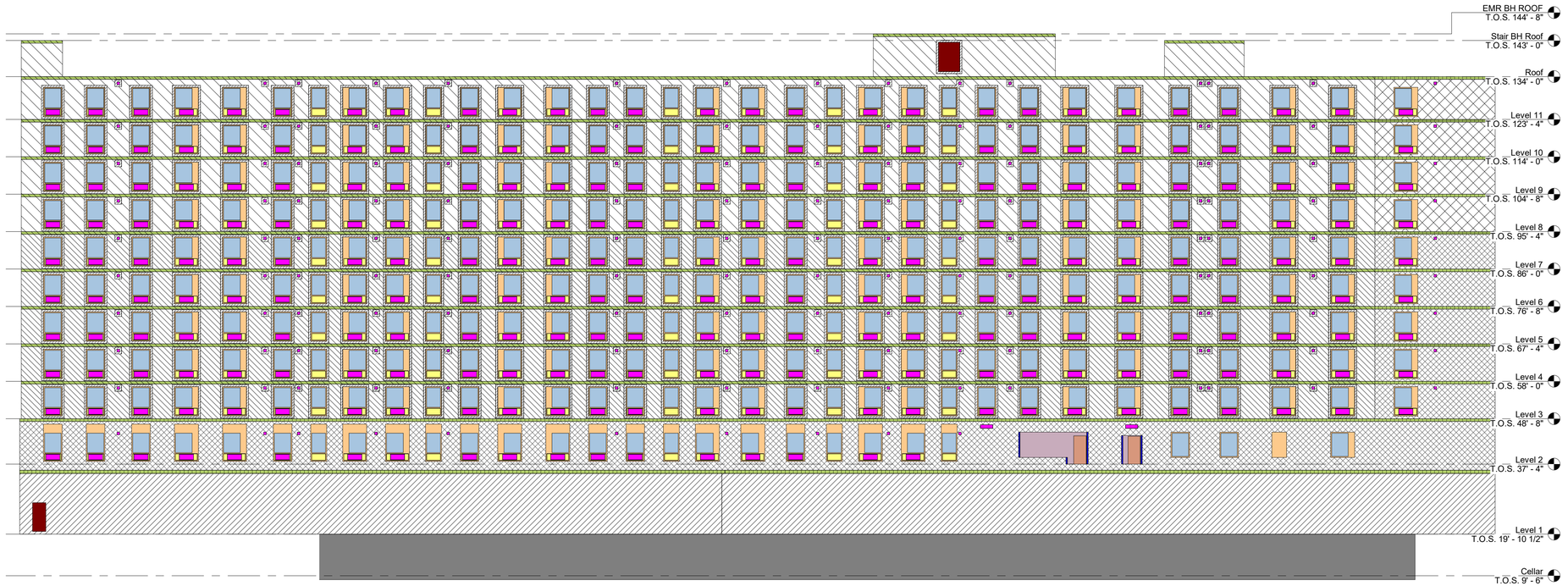
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Energy Analysis - Exterior Envelope 1

Date	08/30/2024
Scale	1/16" = 1'-0"
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Checked By	RE
Project No.	2231 Seal
Sheet No.:	EN-005.00

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B1 West Elevation - COMcheck
1/16" = 1'-0"

Envelope Assembly - West

Envelope Assembly	Envelope Assembly Area	Perimeter Length	Comments
Commercial			
W1C - Brick @ Slab Edge	147 SF		
W4 - Brick @ 6" Metal Framing	2,650 SF		
Door - Opaque, Swinging	24 SF		@ W4
Residential			
W1A - Brick @ 10" CMU	5,540 SF		
W1B - Brick @ 8" CMU	1,042 SF		
W1C - Brick @ Slab Edge	586 SF		
W2A - EIFS @ 10" CMU	11,170 SF		
W2B - EIFS @ 8" CMU	10,078 SF		
W2C - EIFS @ Slab Edge	2,077 SF		
W3 - Fireblocking @ Openings in EIFS	4,064 SF		
W4 - Brick @ 6" Metal Framing	2,918 SF		
W6 - Foundation Wall	3,110 SF		
W7 - Brick Return	10 SF		
W8A - Active Louver	1,347 SF		
W8B - Inactive Louver	1,113 SF		
Door - Glazed	43 SF		@ W1A
Door - Opaque, Swinging	39 SF		@ W2B
Storefront - Fixed	103 SF		@ W1A
Window - Fixed	596 SF		@ W1A
Window - Fixed	59 SF		@ W1B
Window - Fixed	1,637 SF		@ W2A
Window - Fixed	1,310 SF		@ W2B
Window - Operable	620 SF		@ W1A
Window - Operable	81 SF		@ W1B
Window - Operable	3,043 SF		@ W2A
Window - Operable	2,435 SF		@ W2B

Envelope Assembly - North

Envelope Assembly	Envelope Assembly Area	Perimeter Length	Comments
Commercial			
W1C - Brick @ Slab Edge	42 SF		
W4 - Brick @ 6" Metal Framing	613 SF		
W5A - Blindside Insul @ 10" CMU			
W5D - Blindside Insul @ Concrete	233 SF		
Door - Opaque, Swinging	23 SF		@ W4
Residential			
W1A - Brick @ 10" CMU	1,823 SF		
W1B - Brick @ 8" CMU	818 SF		
W1C - Brick @ Slab Edge	225 SF		
W2A - EIFS @ 10" CMU	409 SF		
W2B - EIFS @ 8" CMU	340 SF		
W2C - EIFS @ Slab Edge	63 SF		
W3 - Brick @ 6" Metal Framing	60 SF		
W5A - Blindside Insul @ 10" CMU	3,905 SF		
W5B - Blindside Insul @ 8" CMU	536 SF		
W5C - Blindside Insul @ Slab Edge	370 SF		
W6 - Foundation Wall	901 SF		
W8A - Active Louver	49 SF		
W8B - Inactive Louver	41 SF		
Window - Fixed	88 SF		@ W1A
Window - Fixed	59 SF		@ W1B
Window - Operable	122 SF		@ W1A
Window - Operable	81 SF		@ W1B



C3 North Elevation - COMcheck
1/16" = 1'-0"

COMCHECK WALL TYPES LEGEND

- WALL TYPE 1A BRICK @ 10" CMU
- WALL TYPE 1B BRICK @ 8" CMU
- WALL TYPE 1C SLAB EDGE @ BRICK
- WALL TYPE 1D BRICK @ CONCRETE
- WALL TYPE 2A EIFS @ 10" CMU
- WALL TYPE 2B EIFS @ 8" CMU
- WALL TYPE 2C EIFS @ SLAB EDGE
- WALL TYPE 3 FIREBLOCKING @ OPENINGS IN EIFS
- WALL TYPE 4 BRICK @ 6" METAL FRAMING
- WALL TYPE 5A BLINDSIDE INSUL @ 10" CMU
- WALL TYPE 5B BLINDSIDE INSUL @ 8" CMU
- WALL TYPE 5C BLINDSIDE INSUL @ SLAB EDGE
- WALL TYPE 5D BLINDSIDE INSUL @ CONCRETE
- WALL TYPE 6 FOUNDATION WALL
- WALL TYPE 7/LTB.1 BRICK RETURN
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- WALL TYPE 8B INACTIVE LOUVER
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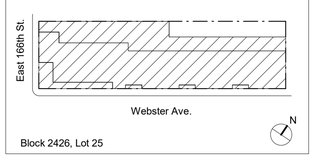
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Energy Analysis - Exterior Envelope 2

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Project No.	2231

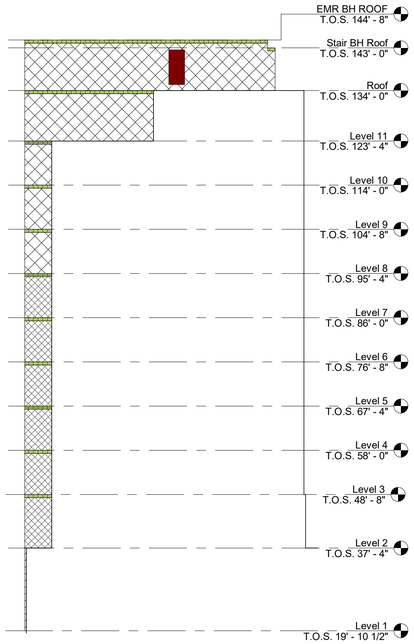
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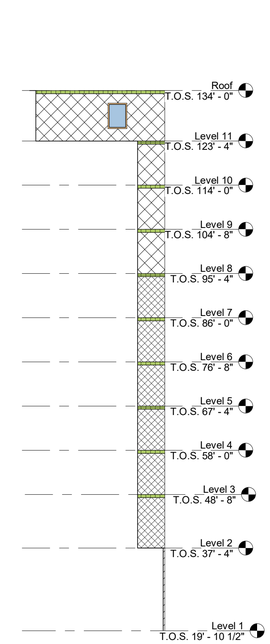
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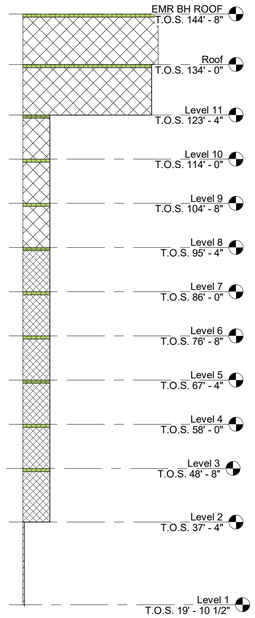
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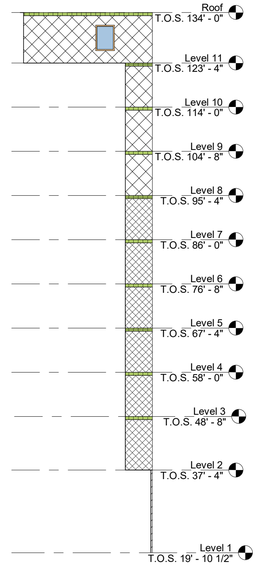
B1 North Setback Elevation 1 - COMcheck
1/16" = 1'-0"



B2 South Setback Elevation 1 - COMcheck
1/16" = 1'-0"



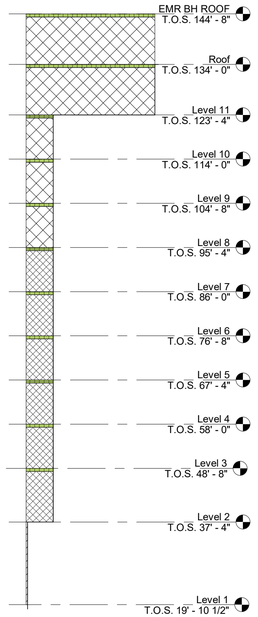
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1/16" = 1'-0"



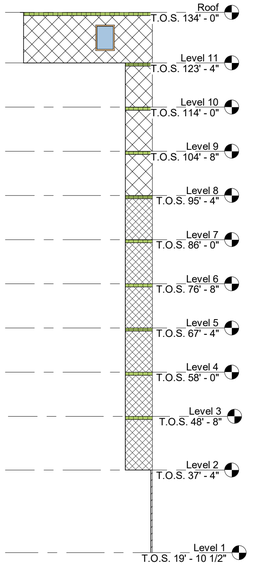
B4 South Setback Elevation 2 - COMcheck
1/16" = 1'-0"

Envelope Assembly - South Setbacks			
Envelope Assembly	Envelope Assembly Area	Perimeter Length	Comments
Commercial			
W4 - Brick @ 6" Metal Framing	6 SF		
W4 - Brick @ 6" Metal Framing	6 SF		
W4 - Brick @ 6" Metal Framing	6 SF		
Residential			
W1A - Brick @ 10" CMU	309 SF		
W1A - Brick @ 10" CMU	309 SF		
W1A - Brick @ 10" CMU	309 SF		
W1B - Brick @ 8" CMU	421 SF		
W1B - Brick @ 8" CMU	421 SF		
W1B - Brick @ 8" CMU	421 SF		
W1C - Brick @ Slab Edge	53 SF		
W1C - Brick @ Slab Edge	53 SF		
W1C - Brick @ Slab Edge	53 SF		
Window - Fixed	5 SF		@ W1B
Window - Fixed	5 SF		@ W1B
Window - Fixed	5 SF		@ W1B
Window - Operable	17 SF		@ W1B
Window - Operable	17 SF		@ W1B
Window - Operable	17 SF		@ W1B

Envelope Assembly - North Setbacks			
Envelope Assembly	Envelope Assembly Area	Perimeter Length	Comments
Commercial			
W4 - Brick @ 6" Metal Framing	6 SF		
W4 - Brick @ 6" Metal Framing	6 SF		
W4 - Brick @ 6" Metal Framing	6 SF		
Residential			
W1A - Brick @ 10" CMU	309 SF		
W1A - Brick @ 10" CMU	309 SF		
W1A - Brick @ 10" CMU	309 SF		
W1B - Brick @ 8" CMU	707 SF		
W1B - Brick @ 8" CMU	693 SF		
W1B - Brick @ 8" CMU	947 SF		
W1C - Brick @ Slab Edge	72 SF		
W1C - Brick @ Slab Edge	71 SF		
W1C - Brick @ Slab Edge	88 SF		
Door - Opaque, Swinging	24 SF		@ W1B



C3 North Setback Elevation 3 - COMcheck
1/16" = 1'-0"



C4 South Setback Elevation 3 - COMcheck
1/16" = 1'-0"

COMCHECK WALL TYPES LEGEND

- WALL TYPE 1A BRICK @ 10" CMU
- WALL TYPE 1B BRICK @ 8" CMU
- WALL TYPE 1C SLAB EDGE @ BRICK
- WALL TYPE 1D BRICK @ CONCRETE
- WALL TYPE 2A EIFS @ 10" CMU
- WALL TYPE 2B EIFS @ 8" CMU
- WALL TYPE 2C EIFS @ SLAB EDGE
- WALL TYPE 3 FIREBLOCKING @ OPENINGS IN EIFS
- WALL TYPE 4 BRICK @ 6" METAL FRAMING
- WALL TYPE 5A BLINDSIDE INSUL @ 10" CMU
- WALL TYPE 5B BLINDSIDE INSUL @ 8" CMU
- WALL TYPE 5C BLINDSIDE INSUL @ SLAB EDGE
- WALL TYPE 5D BLINDSIDE INSUL @ CONCRETE
- WALL TYPE 6 FOUNDATION WALL
- WALL TYPE 7/LTB.1 BRICK RETURN
- WALL TYPE 8A ACTIVE LOUVER
- WALL TYPE 8B INACTIVE LOUVER
- WALL TYPE 9 METAL PANEL @ METAL FRAMINIG
- DOOR OPAQUE SWINGING
- DOOR OPAQUE NON-SWINGING
- DOOR - GLAZED
- STOREFRONT- FIXED
- WINDOW - OPERABLE
- WINDOW - FIXED
- FLOOR TYPE 1 SLAB-ON-GRADE
- FLOOR TYPE 2 CELLAR SLAB
- ROOF TYPE 1 - SBS
- ROOF TYPE 2 - IRMA

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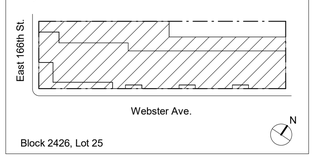
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Energy Analysis - Exterior Envelope 3

Date	08/30/2024
Scale	1/16" = 1'-0"
Drawn By	PN
Checked By	RE
Project No.	2231

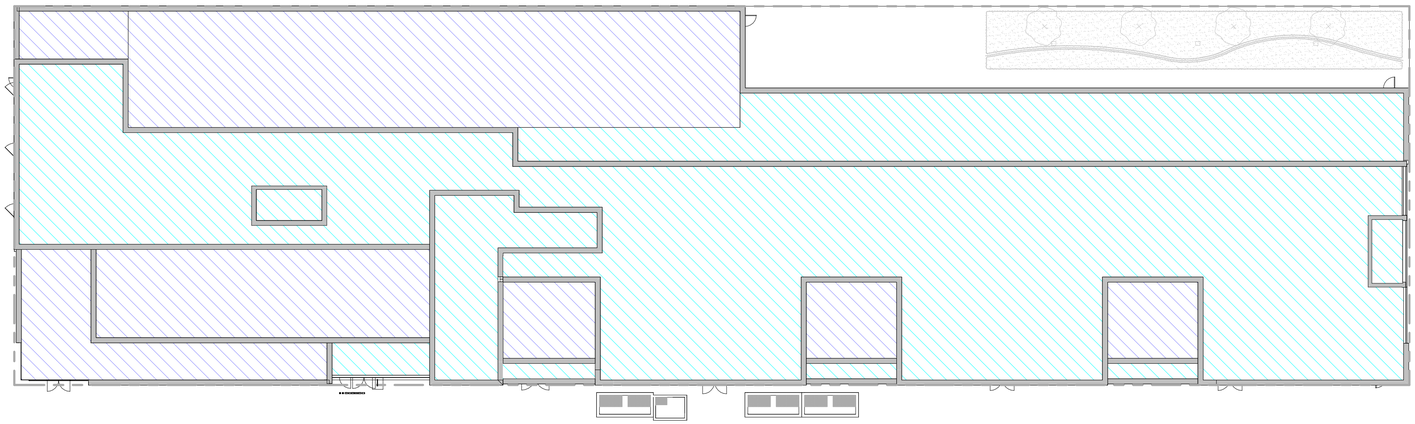
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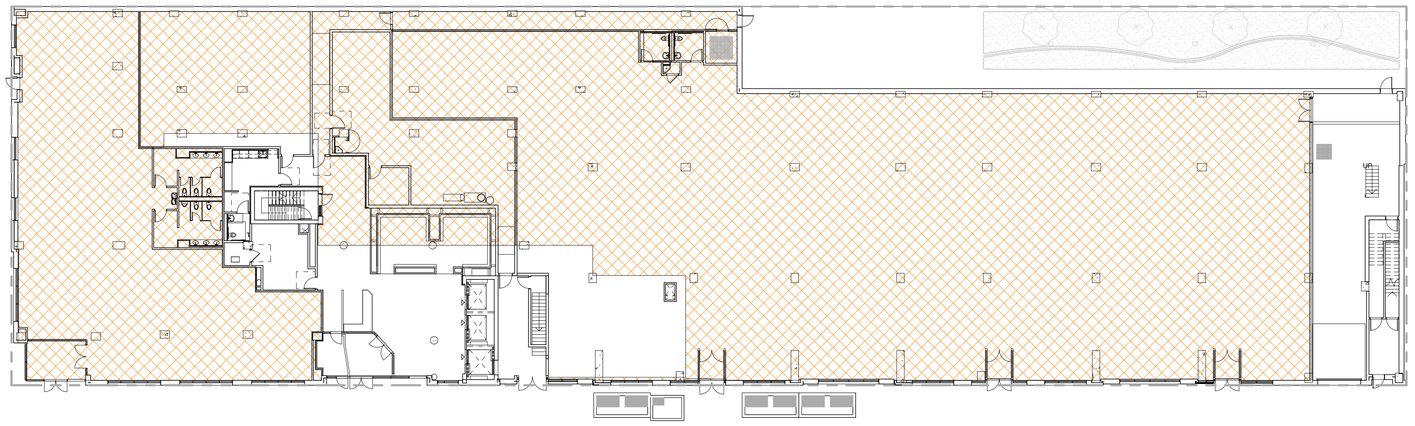
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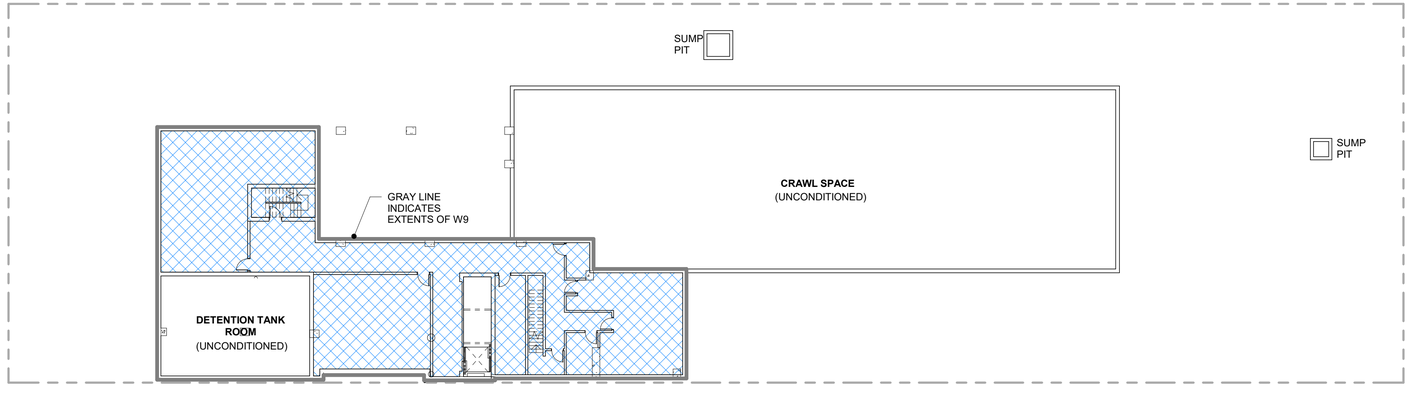
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A1 Roof - COMcheck
1" = 20'-0"



B1 Level 1 - COMcheck
1" = 20'-0"



C1 Cellar - COMcheck
1" = 20'-0"

Envelope Assembly - Roof			
Envelope Assembly	Envelope Assembly Area	Perimeter Length	Comments
Commercial			
R1 - SBS	3,865 SF		
Office			
R2 - IRMA	1,652 SF		
Residential			
R1 - SBS	16,220 SF		
R2 - IRMA	8,460 SF		

Envelope Assembly - Level 1			
Envelope Assembly	Envelope Assembly Area	Perimeter Length	Comments
Commercial			
F1 - Slab-on-Grade	16,172 SF	764'	
Office			
F1 - Slab-on-Grade	5,114 SF	361'	
Residential			
F1 - Slab-on-Grade	4,351 SF	529'	

Envelope Assembly - Cellar			
Envelope Assembly	Envelope Assembly Area	Perimeter Length	Comments
Residential			
F2 - Cellar Slab	4,492 SF	461'	

COMCHECK WALL TYPES LEGEND

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- WALL TYPE 1C SLAB EDGE @ BRICK
- WALL TYPE 1D BRICK @ CONCRETE
- WALL TYPE 2A EIFS @ 10" CMU
- WALL TYPE 2B EIFS @ 8" CMU
- WALL TYPE 2C EIFS @ SLAB EDGE
- WALL TYPE 3 FIREBLOCKING @ OPENINGS IN EIFS
- WALL TYPE 4 BRICK @ 6" METAL FRAMING
- WALL TYPE 5A BLINDSIDE INSUL @ 10" CMU
- WALL TYPE 5B BLINDSIDE INSUL @ 8" CMU
- WALL TYPE 5C BLINDSIDE INSUL @ SLAB EDGE
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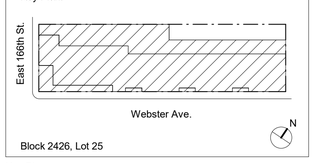
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Energy Analysis - Exterior Envelope 4

Date	08/30/2024
Scale	As indicated
Drawn By	PN
Checked By	RE
Project No.	2231

Seal

Sheet No.:

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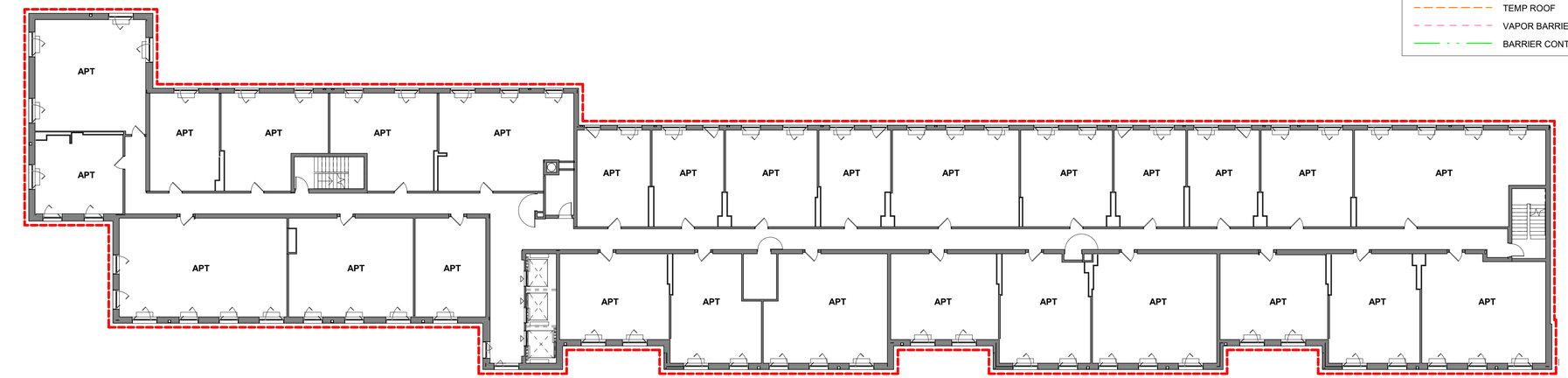
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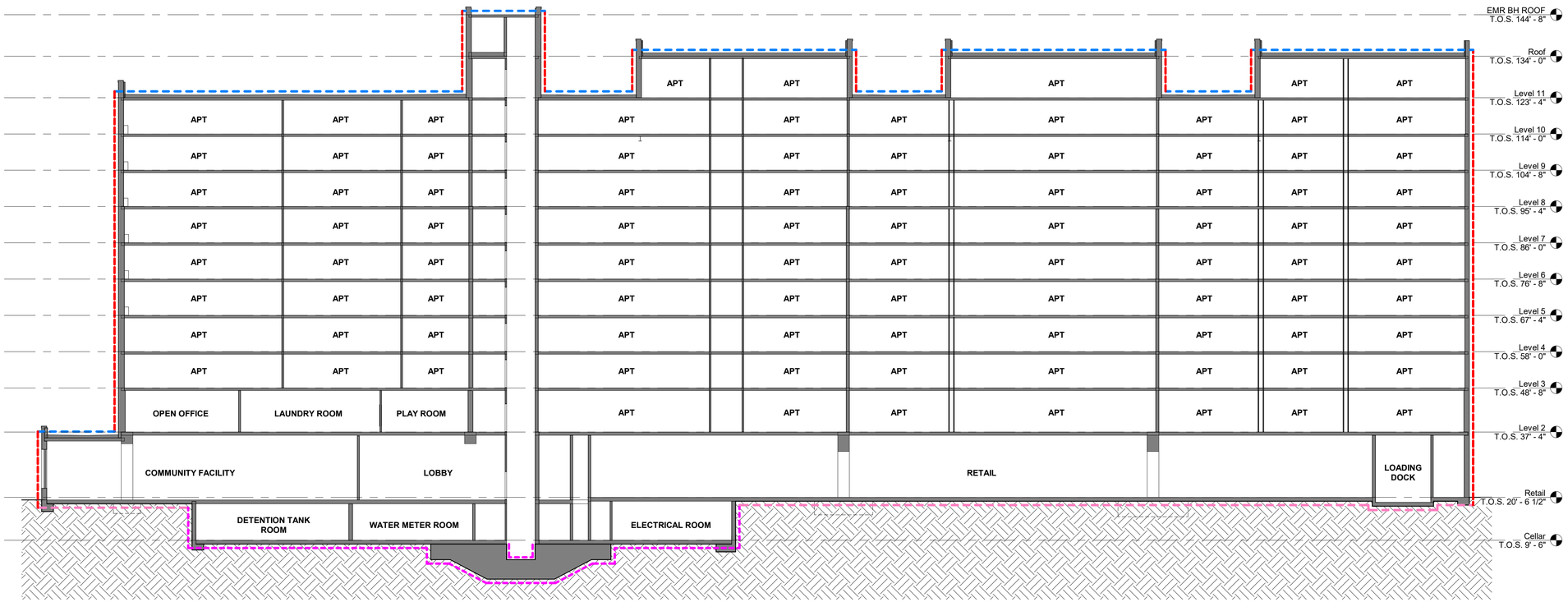
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BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE



B1 Air Barrier Continuity Plan
1/16" = 1'-0"



C1 Air Barrier Continuity Section 5
1/16" = 1'-0"

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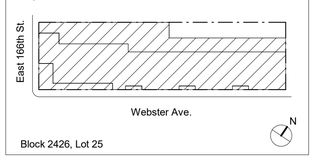
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Energy Analysis - Air Barrier Continuity 1

Date	08/30/2024
Scale	As indicated
Drawn By	PN
Checked By	RE
Project No.	2231

Seal

Sheet No.:

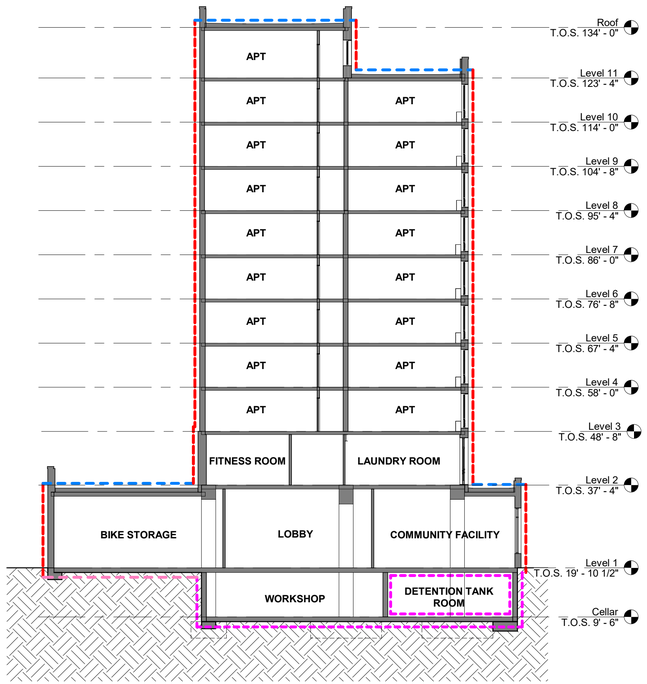
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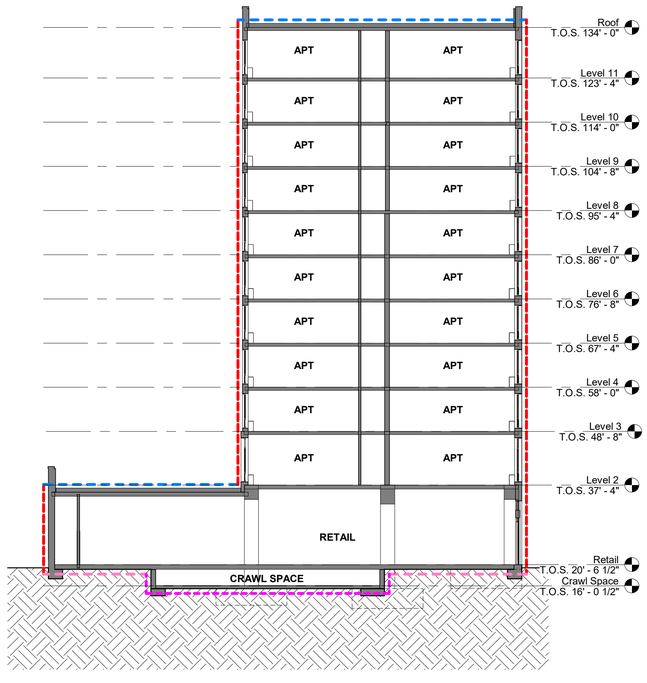
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BARRIERS AND MEMBRANES LEGEND
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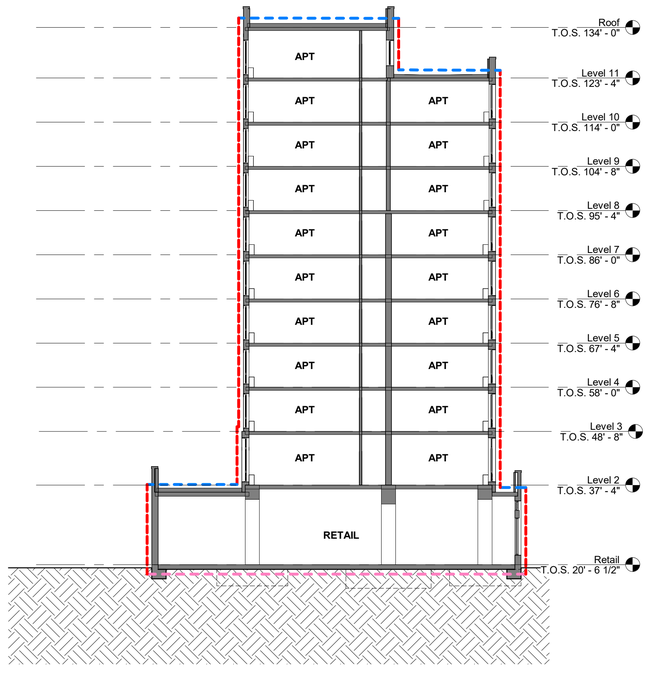
- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE



C1 Air Barrier Continuity Section 1
1/16" = 1'-0"



C2 Air Barrier Continuity Section 2
1/16" = 1'-0"



C3 Air Barrier Continuity Section 3
1/16" = 1'-0"

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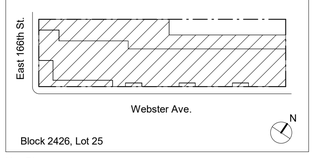
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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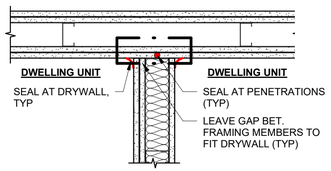
Energy Analysis - Air Barrier Continuity 2

Date	08/30/2024
Scale	As indicated
Drawn By	PN
Checked By	RE
Project No.	2231

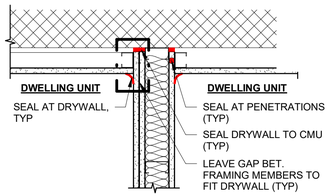
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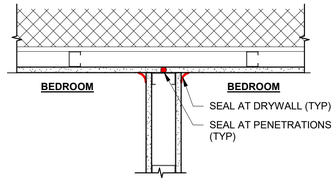
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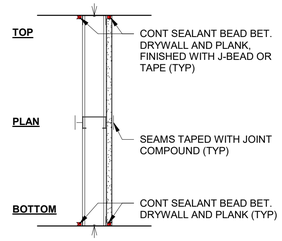
A1 Air Sealing - Demising Interior Walls at Corridor
1 1/2" = 1'-0"



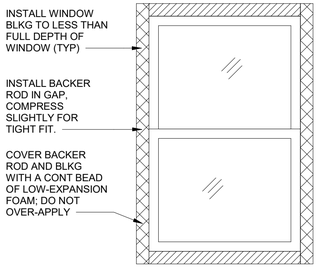
A2 Air Sealing - Demising Interior Walls at Exterior
1 1/2" = 1'-0"



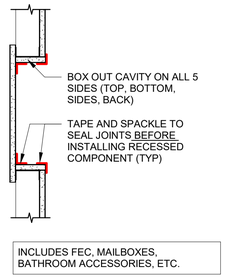
A3 Air Sealing - Walls within Dwelling Unit
1 1/2" = 1'-0"



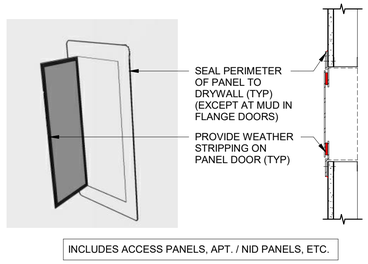
A4 Air Sealing - Typical GWB Partitions
1 1/2" = 1'-0"



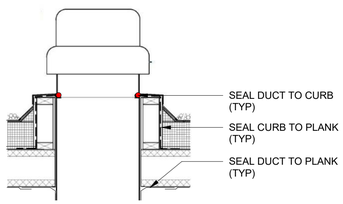
B1 Air Sealing - Windows
Not To Scale



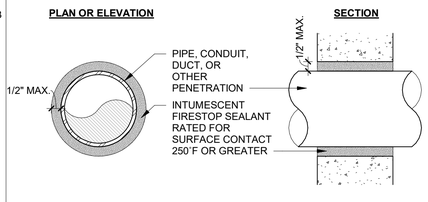
B2 Air Sealing - Recessed Components
Not To Scale



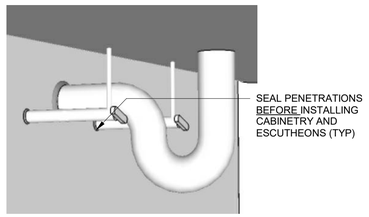
B3 Air Sealing - Utility/Access Panel
1 1/2" = 1'-0"



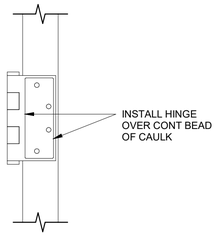
B4 Air Sealing - Roof Fan
Not To Scale



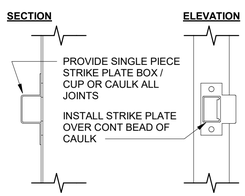
C1 Air Sealing - Penetrations through Plank, CMU, Conc.
Not To Scale



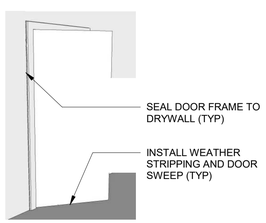
C2 Air Sealing - Plumbing Penetrations
Not To Scale



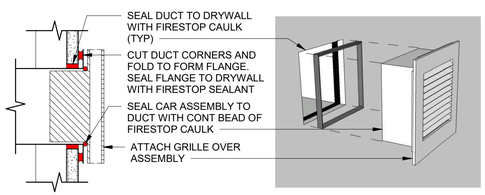
C3 Air Sealing - Hinges at Entry Doors and in Demising Walls
Not To Scale



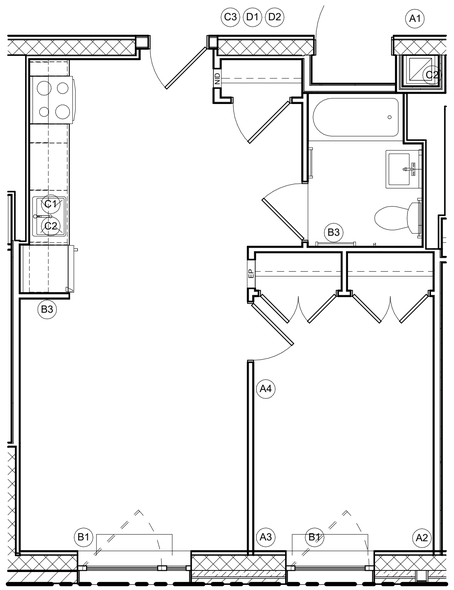
D1 Air Sealing - Strike Plates at Entry Doors and in Demising Walls
Not To Scale



D2 Air Sealing - Entry Doors and Demising Wall Doors
Not To Scale



D3 Air Sealing - Supply/Exhaust Registers
3" = 1'-0"



1 Key Plan - Air Sealing
1/4" = 1'-0"

Sealant Location Schedule	
Type	Location
A1	Demising Interior Walls at Corridor
A2	Demising Interior Walls at Exterior
A3	Walls within Dwelling Unit
A4	Typical GWB Partitions
B1	Windows
B2	Recessed Components
B3	Utility / Access Panels
B4	Roof Fan
C1	Penetrations through Plank, CMU, Conc.
C2	Plumbing Penetrations
C3	Hinges at Entrance Doors and in Demising Walls
D1	Strike Plates at Entry Doors and in Demising Walls
D2	Entrance Doors and Doors in Demising Walls
D3	Supply / Exhaust Registers

NOTE: REFER TO DWG 1 ON THIS SHEET FOR SEALANT LOCATIONS

Sealant Type Schedule			
Type	Use		
Exterior Joint Sealant	One-part non-acid-curing silicone sealant: type S, Grade NS, Class 25	Dow Corning 790 or equivalent	Exterior masonry, metal panel joint, concrete joints, and window joints
Interior Joint Sealant	One-part mildew-resistant silicone sealant: type S, Grade NS, Class 25	Dow Corning 786 or equivalent	Plumbing fixtures, Tiles
Traffic Grade Joint Sealant	Two-part pourable urethane sealant: type M, Grade P, Class 25	Chem-Calk 550 or equivalent	Exterior pavement floor joints
Interior Latex Joint Sealant	Acrylic-emulsion sealant	Chem-Calk 600 or equivalent	Interior joints with less than 5% joint movement

Air Leakage of Fenestration and Doors		
Type	Maximum allowed Air Leakage	Standards
Windows	0.20 CFM/ ft² @ 6.24 lbf/ ft²	AAMA/WDMA/CSA 101/I.S.2/A440
Glazed swinging entrance doors	1.0 CFM/ ft² @ 1.57 lbf/ ft²	AAMA/WDMA/CSA 101/I.S.2/A440, NFRC 400 or ASTM E283
Storefronts	0.06 CFM/ ft² @ 1.57 lbf/ ft²	NFRC 400 or ASTM E283
Skylights	0.20 CFM/ ft² @ 6.24 lbf/ ft²	AAMA/WDMA/CSA 101/I.S.2/A440
Opaque doors	0.20 CFM/ ft² @ 6.24 lbf/ ft²	AAMA/WDMA/CSA 101/I.S.2/A440

Outdoor Air Intakes and Exhaust Openings shall be equipped with shutoff dampers, motorized

Doors/ Access Openings to shafts, chutes, vents, stairways and Elevator Lobbies shall be equipped with gasketting, weatherstripping, and sealing.

Recessed Lighting installed in building envelope shall be IC-rated, labeled as having air leakage rate of not more than 2.0 CFM when tested in accordance with ASTM E283 at a 1.57 lbf/ft2, and sealed with a gasket or caulk between the housing and interior wall or ceiling covering

Air Barrier System Testing and Inspection

Qualitative Testing and Inspection

a. Periodic reports of observations, with copies to the Owner, Contractor and Architect.
b. Continuity of the air barrier system throughout the building enclosure with no gaps, holes
c. Structural support of the air barrier system to withstand design air pressures.
d. Masonry and concrete surfaces are smooth, clean and free of cavities, protrusions and mortar droppings, with mortar joints struck flush, or as required by the manufacturer of the air barrier material.
e. Site conditions for application temperature and dryness of substrates.
f. Maximum length of exposure time of materials to ultra-violet deterioration.
g. Surfaces are properly primed.
h. Laps in material are 2" minimum, shingled in the correct direction (or mastic applied on exposed edges), with no fishmouths.
i. Mastic applied on cut edges.
j. Roller has been used to enhance adhesion.
k. Materials used for compatibility.
l. Transitions at changes in direction, and structural support at gaps.
m. Connections between assemblies (membrane and sealants) for cleaning, preparation and priming of surfaces, structural support, integrity and continuity of seal.
n. All penetrations sealed.
o. Compartmentalization of dormitories: exterior demising walls have been completely sealed to exterior sheathing and ceiling and floor slab; all plumbing, electrical and heating penetrations in gypsum board have been sealed; all exterior and partition walls have been sealed to ceiling and floor slabs.
p. Duct sealing: roof curb penetration has been sealed; all take off and transverse joints have been sealed; connection between take offs and drywall has been sealed.
q. Exterior Sealant Installation Methods.
r. Doors and Windows Installation Methods.
s. Interior Air Sealant Installation Methods.
t. ASTM E 1186/98 'Standard Practices for Air Leakage Site Detection in Building Envelopes and Air Retarder Systems.":
   1. Smoke pencil with pressurization/ depressurization.
   2. Pressurization/ depressurization with use of calibrated fan.

Quantitative Tests

a. Provide written test reports of all tested performed, with copies to the Owner, Contractor and Architect.
b. ASTM E 283, Determining rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors under Specified Pressure Differences Across the Specimens.
c. AAMA/WDMA/CSA 101/I.S/A440, North American Fenestration Standard/ Specification for Windows, doors and skylights.
d. NFRC 400, Procedure for Determining Fenestration Product Air Leakage.
e. Whole Building, floors or suites, ASTM E779, Standard test Method for Determining Air Leakage Rate by Fan Pressurization.

TAB contractor is needed to balance and test all common area ventilation equipment and in-unit exhausts.

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38 E. 32nd St. 11th Fl.
New York, NY 10016

Sustainability Consultant
Ettinger Engineering Associates
505 8th Ave. 24th Fl.
New York, NY 10018

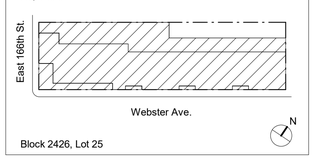
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Energy Analysis - Air Sealing Details

Date	08/30/2024
Scale	As indicated
Drawn By	PN
Checked By	RE
Project No.	2231

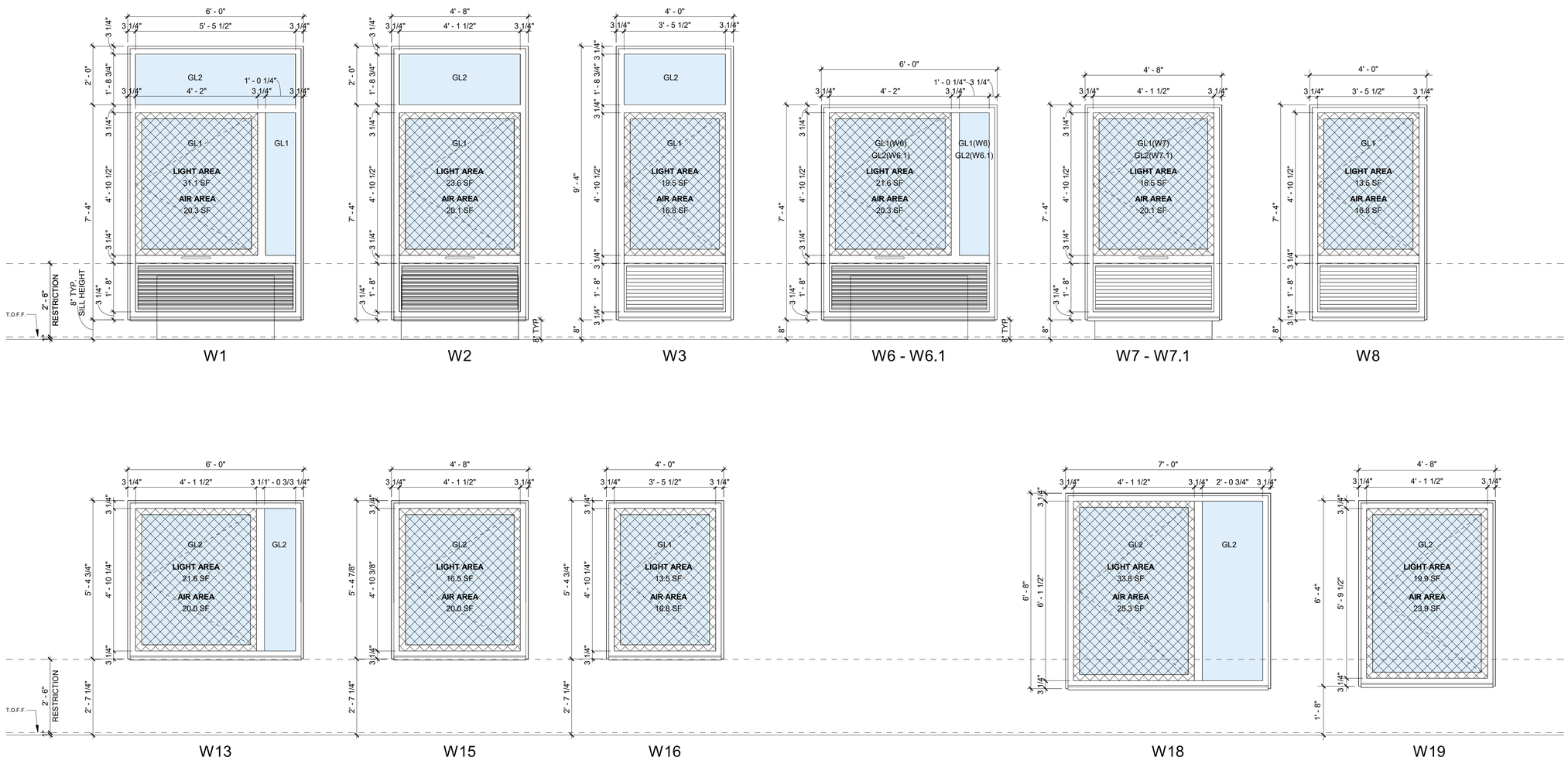
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NOTES:

1. PROVIDE INSECT SCREEN ON ALL OPERABLE LITES
2. PROVIDE BIRD-FRIENDLY GLAZING ON ALL FIXED LITES LESS THAN 75 FT. ABOVE GRADE
3. RESIDENTIAL WINDOWS SHALL BE OITS-29 (FIXED) OITC-30 (OPERABLE)
4. PROVIDE TRICKLE VENT IN EACH LIVING ROOM AND BEDROOM

LIGHT AND AIR LEGEND

FIXED GLAZED PANEL

OPERABLE GLAZED PANEL W INSECT SCREEN

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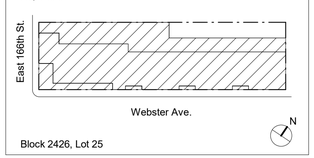
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Energy Analysis - Window Elevations

Date	08/30/2024
Scale	1/2" = 1'-0"
Drawn By	PN
Checked By	RE
Project No.	2231

Seal

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Window Schedule

wt	Manufacturer	Model	Exterior Finish	Width	Height	Rough Width	Rough Height	Light Area	Air Area	Heat Transfer Coefficient (U)	U Factor	SHGC	VT	Air Leakage Rate	OITC	Glazing Type
W1	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	9' - 4"	6' - 0"	9' - 4"	31.1 SF	20.3 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL1, TRANSOM (GL2)
W2	INTUS	SUPERA AW	DARK BRONZE	4' - 8"	9' - 4"	4' - 8"	9' - 4"	23.6 SF	20.1 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL1, TRANSOM (GL2)
W3	INTUS	SUPERA AW	DARK BRONZE	4' - 0"	9' - 4"	4' - 0"	9' - 4"	19.5 SF	16.8 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL1, TRANSOM (GL2)
W6	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	7' - 4"	6' - 0"	7' - 4"	21.6 SF	20.3 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL1
W7	INTUS	SUPERA AW	DARK BRONZE	4' - 8"	7' - 4"	4' - 8"	7' - 4"	16.5 SF	20.1 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL1
W8	INTUS	SUPERA AW	DARK BRONZE	4' - 0"	7' - 4"	4' - 0"	7' - 4"	13.5 SF	16.8 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL1
W13	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	5' - 4 13/16"	6' - 0"	5' - 4 13/16"	21.6 SF	20.0 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2
W15	INTUS	SUPERA AW	DARK BRONZE	4' - 8"	5' - 4 13/16"	4' - 8"	5' - 4 13/16"	16.5 SF	20.0 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL2
W16	INTUS	SUPERA AW	DARK BRONZE	4' - 0"	5' - 4 13/16"	4' - 0"	5' - 4 13/16"	13.5 SF	16.8 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL1
W18	INTUS	SUPERA AW	DARK BRONZE	7' - 0"	6' - 8"	7' - 0"	6' - 8"	33.8 SF	25.3 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2
W19	INTUS	SUPERA AW	DARK BRONZE	4' - 8"	6' - 4"	4' - 8"	6' - 4"	19.9 SF	23.9 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL2
W20	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	6' - 4"	6' - 0"	6' - 4"	26.1 SF	23.9 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2
W29	INTUS	SUPERA AW	DARK BRONZE	3' - 8"	6' - 4"	3' - 8"	6' - 4"	18.1 SF		0.28	FIXED (0.26)	0.36	0.7	< 0.1	FIXED OITC 29	GL2
W35	INTUS	SUPERA AW	DARK BRONZE	4' - 0"	6' - 6"	4' - 0"	6' - 6"	15.9 SF	11.0 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2
W36	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	6' - 6"	6' - 0"	6' - 6"	27.8 SF	11.0 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2

Glazing Schedule

Tag	Manufacturer	Model	IGU Description
GL1	PILKINGTON	Custom	1" INSULATED GLASS: (6 mm ANNEALED EXTERIOR, 14 mm, ARGON GAP, 4 mm ANNEALED INTERIOR)
GL2	PILKINGTON	AviSafe 6 Suncool 70/40	1" INSULATED GLASS: (6 mm AVISAFE BIRDGLASS EXTERIOR, 14 mm, ARGON GAP, 4 mm ANNEALED INTERIOR)
GL3	YKK	Custom	1" INSULATED GLASS: (7/16" LAMINATED EXTERIOR, 3/8" AIR SPACE, 3/16" ANNEALED INTERIOR)

Storefront Schedule

Mark	Manufacturer	Model	Length	Heat Transfer Coefficient (U)	SHGC	Acoustical (OITC)	Glazing	Function
ST7	YKK		15' - 6 1/4"					Interior
ST8	YKK		10' - 7"					Interior
ST11	YKK		13' - 6 1/2"					Interior
ST12	YKK		7' - 8 1/2"					Interior
ST13	YKK		6' - 2"					Interior
ST1	YKK	YCW75XT	14' - 0 1/4"	0.24	0.39	OITC 31	GL3	Exterior
ST2	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST3	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST4	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST5	YKK	YCW75XT	9' - 8"	0.24	0.39	OITC 31	GL3	Exterior
ST6	YKK	YCW75XT	16' - 1 3/4"	0.24	0.39	OITC 31	GL3	Exterior
ST7	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST8	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST9	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST10	YKK	YCW75XT	26' - 6 1/4"	0.24	0.39	OITC 31	GL3	Exterior
ST14	YKK	YCW75XT	6' - 8"	0.24	0.39	OITC 31	GL3	Exterior
ST15	YKK	YCW75XT	8' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST16	YKK	YCW75XT	11' - 0 1/2"	0.24	0.39	OITC 31	GL3	Exterior
ST17	YKK	YCW75XT	7' - 7"	0.24	0.39	OITC 31	GL3	Exterior
ST18	YKK	YCW75XT	11' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST19	YKK	YCW75XT	16' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST20	YKK	YCW75XT	11' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST21	YKK	YCW75XT	3' - 11"	0.24	0.39	OITC 31	GL3	Exterior
ST22	YKK	YCW75XT	11' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST23	YKK	YCW75XT	16' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST24	YKK	YCW75XT	8' - 7 3/4"	0.24	0.39	OITC 31	GL3	Exterior
ST25	YKK	YCW75XT	4' - 8"	0.24	0.39	OITC 31	GL3	Exterior
ST26	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST27	YKK	YCW75XT	4' - 6"	0.24	0.39	OITC 31	GL3	Exterior
ST28	YKK	YCW75XT	16' - 8"	0.24	0.39	OITC 31	GL3	Exterior

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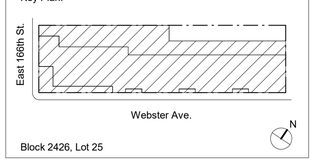
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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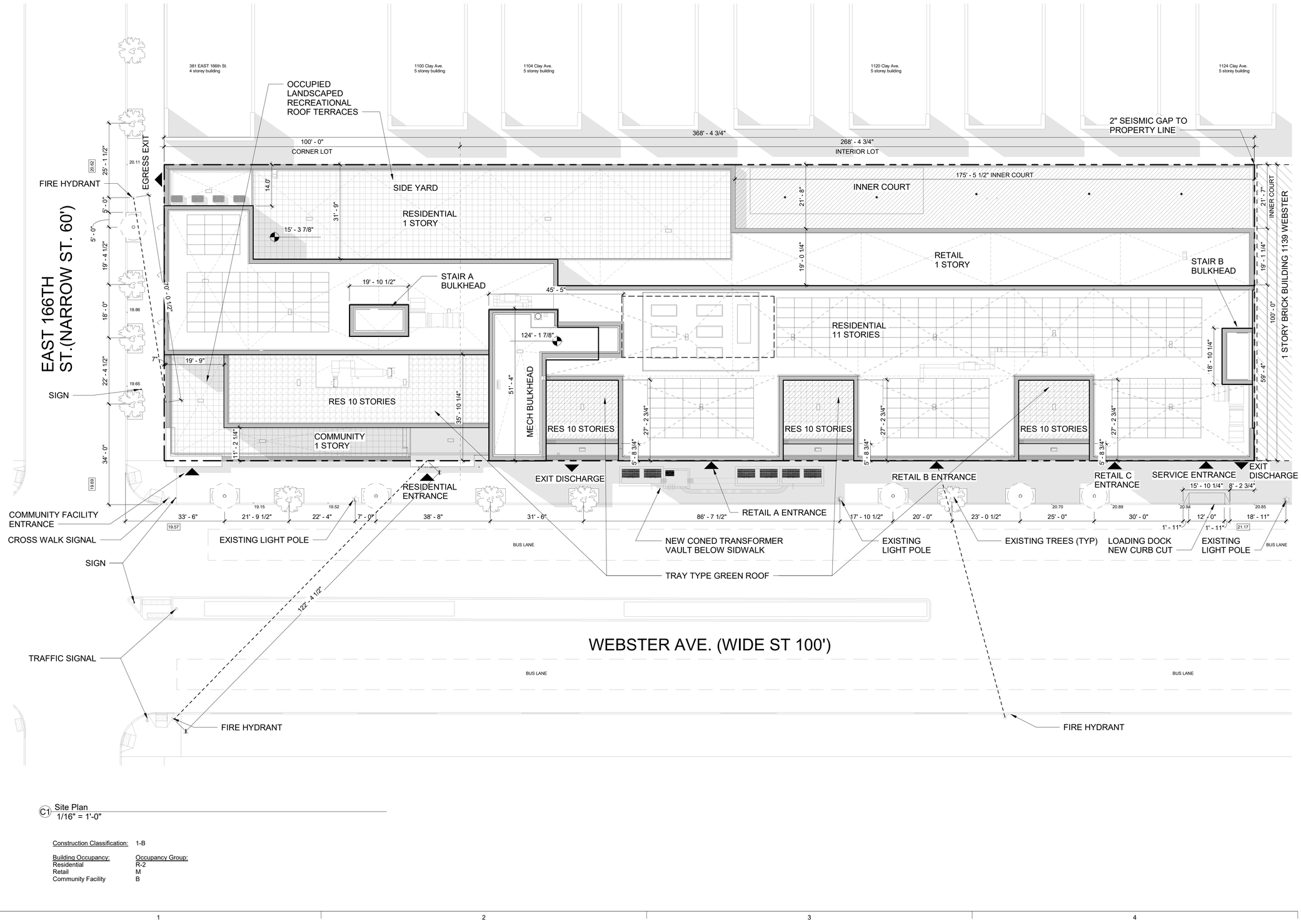
Energy Analysis - Window, Storefront & Glazing Schedules

Date	08/30/2024
Scale	
Drawn By	PN
Checked By	RE
Project No.	2231

Seal

Sheet No.:

EN-332.00



C1 Site Plan
1/16" = 1'-0"

Construction Classification: 1-B

Building Occupancy:	Occupancy Group:
Residential	R-2
Retail	M
Community Facility	B

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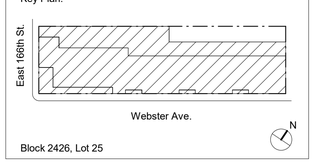
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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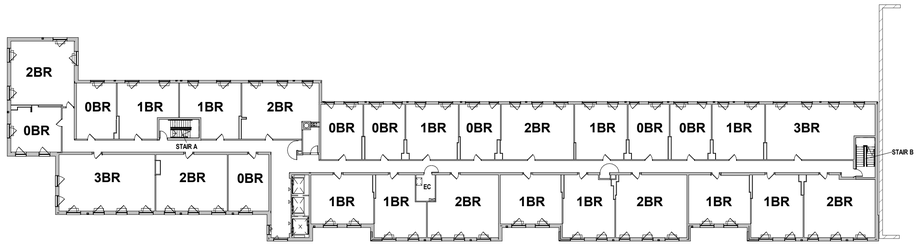
Architectural Site Plan

Date	08/30/2024
Scale	As indicated
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231

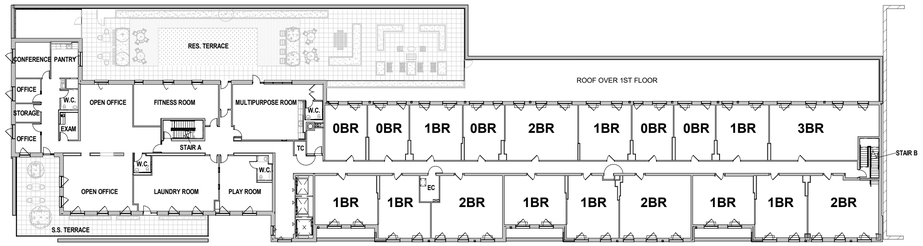
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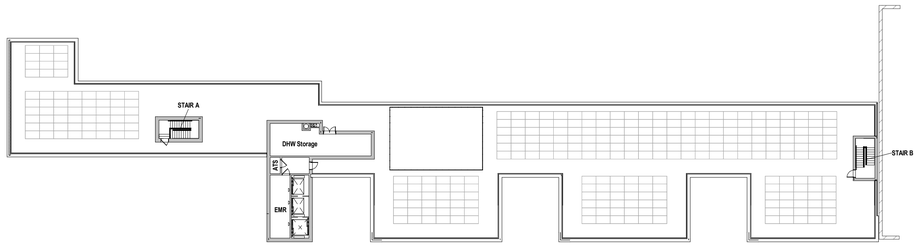
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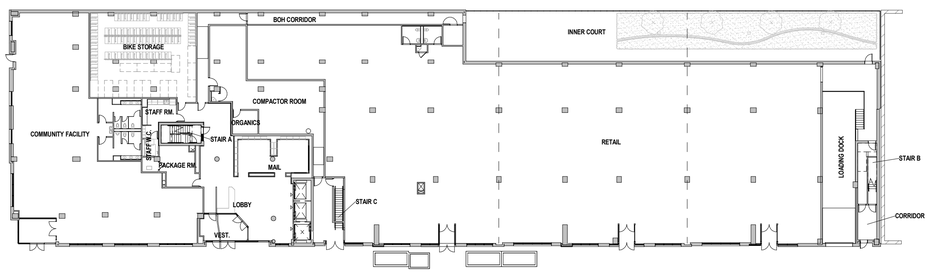
4 Level 3-7 Floor Plan
1/32" = 1'-0"



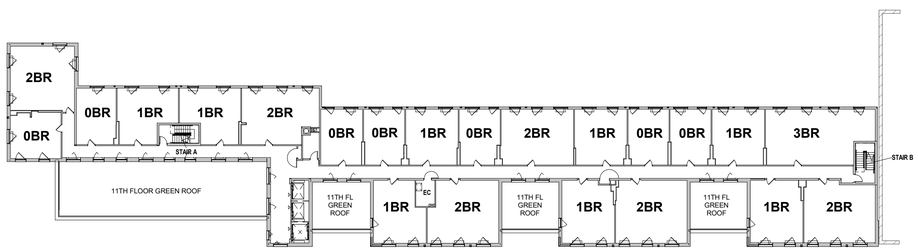
3 Level 2 Floor Plan
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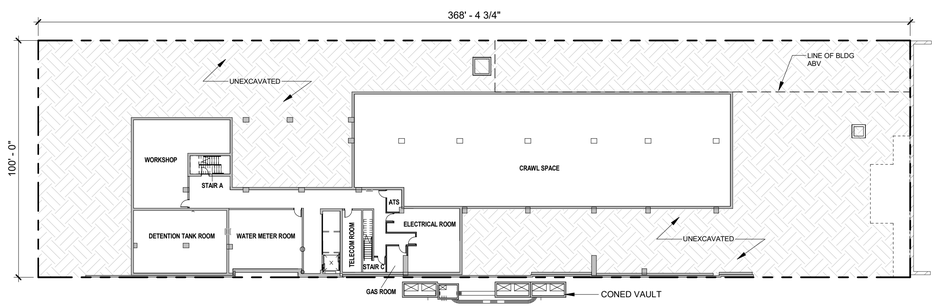
7 Roof Floor Plan
1/32" = 1'-0"



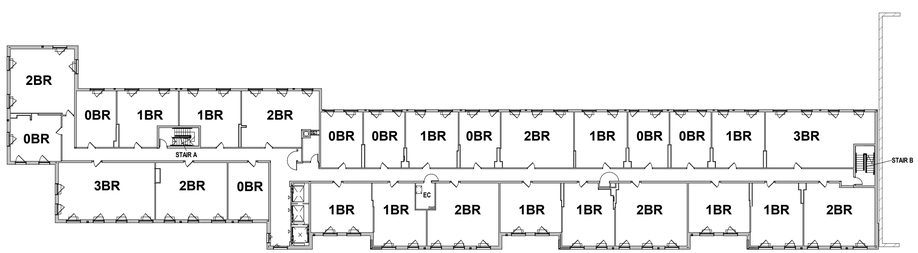
2 Level 1 Floor Plan
1/32" = 1'-0"



6 Level 11 Floor Plan
1/32" = 1'-0"



1 Cellar Floor Plan
1/32" = 1'-0"



5 Level 8-10 Floor Plan
1/32" = 1'-0"

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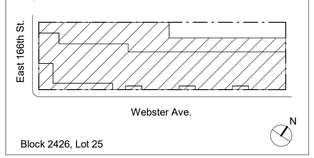
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Key Plans

Date	08/30/2024
Scale	1/32" = 1'-0"
Drawn By	DK/ER
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Project No.	2231

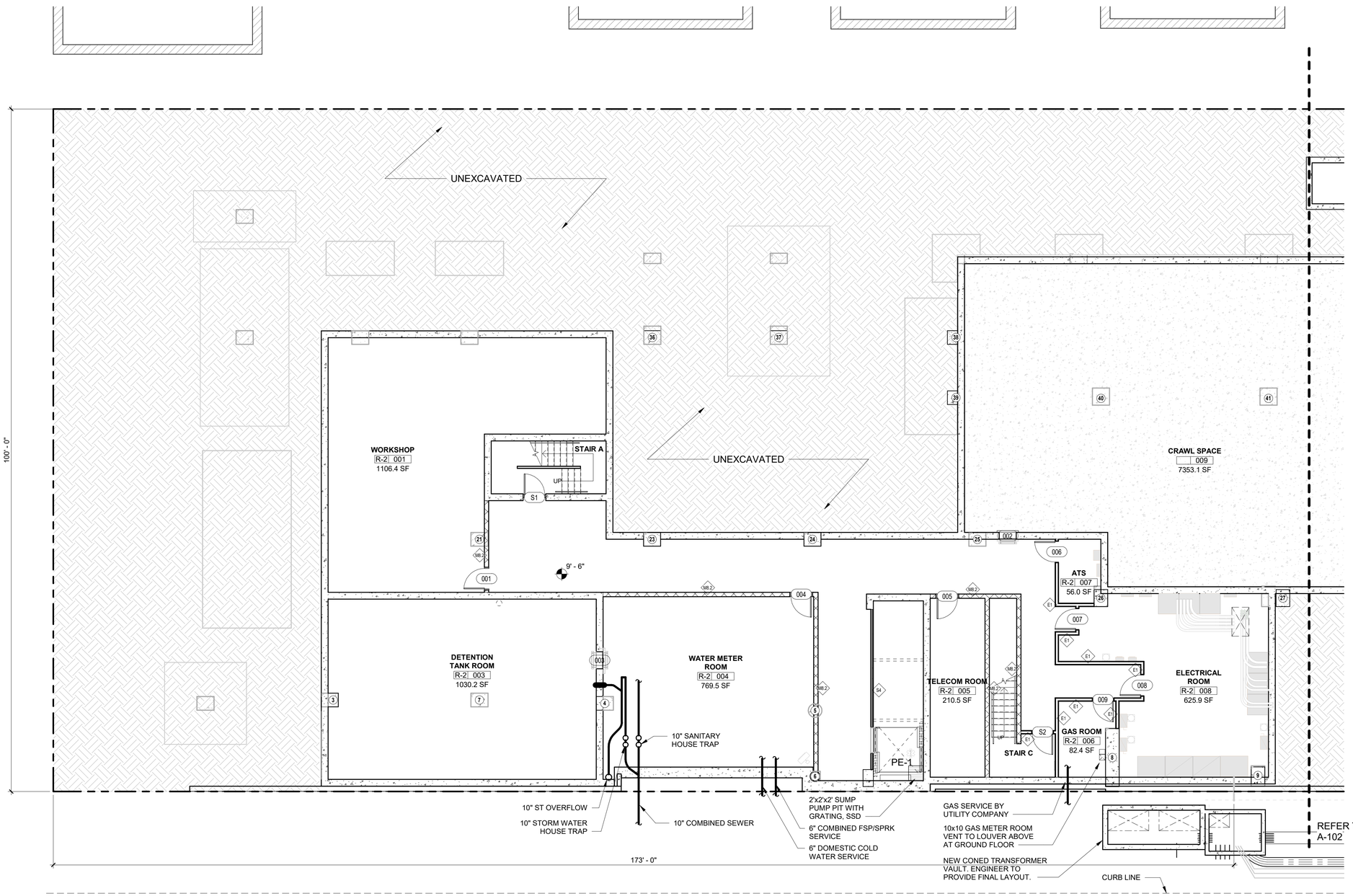
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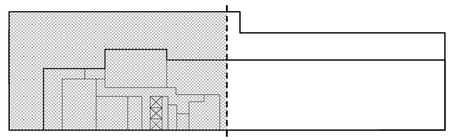
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C1 Cellar - Part Plan A
1/8" = 1'-0"

NOTE:
ALL CMU AT THIS LEVEL TO BE 8" NOMINAL UNLESS OTHERWISE NOTED

INCOMING SERVICES NOTE
COORDINATE ALL INCOMING SERVICES WITH PLUMBING AND ELECTRICAL



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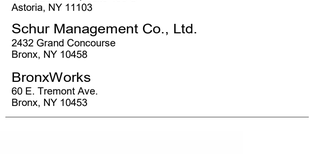
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Revisions:

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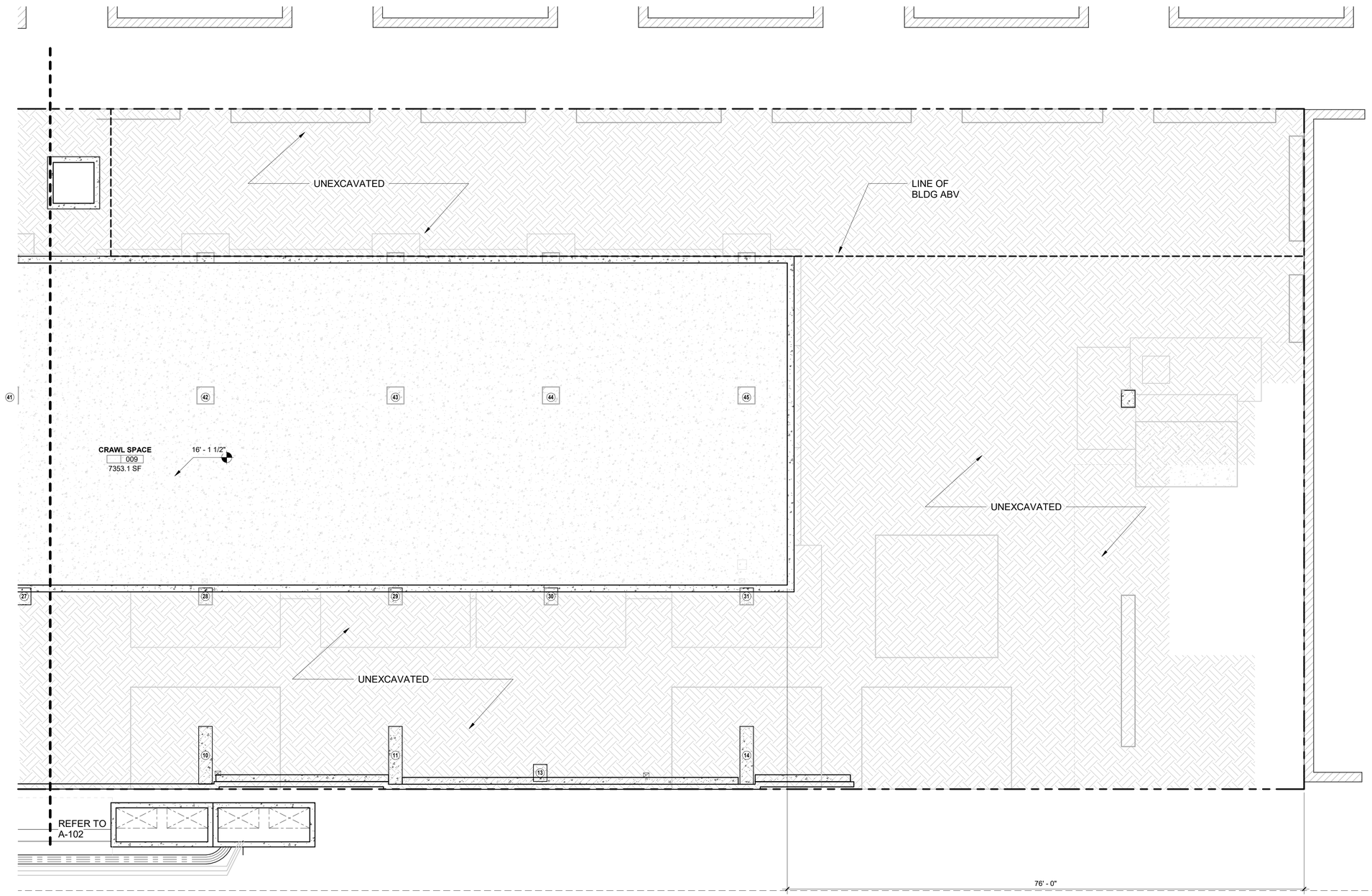
Cellar Floor Plan - Part Plan A

Date	09/03/2024
Scale	As indicated
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231

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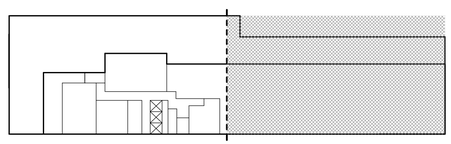
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C1 Cellar - Part Plan B
1/8" = 1'-0"

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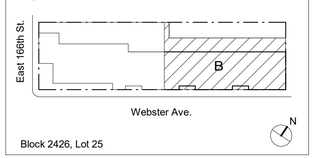
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Cellar Floor Plan - Part Plan B

Date	09/03/2024
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Project No.	2231

Seal

Sheet No.:

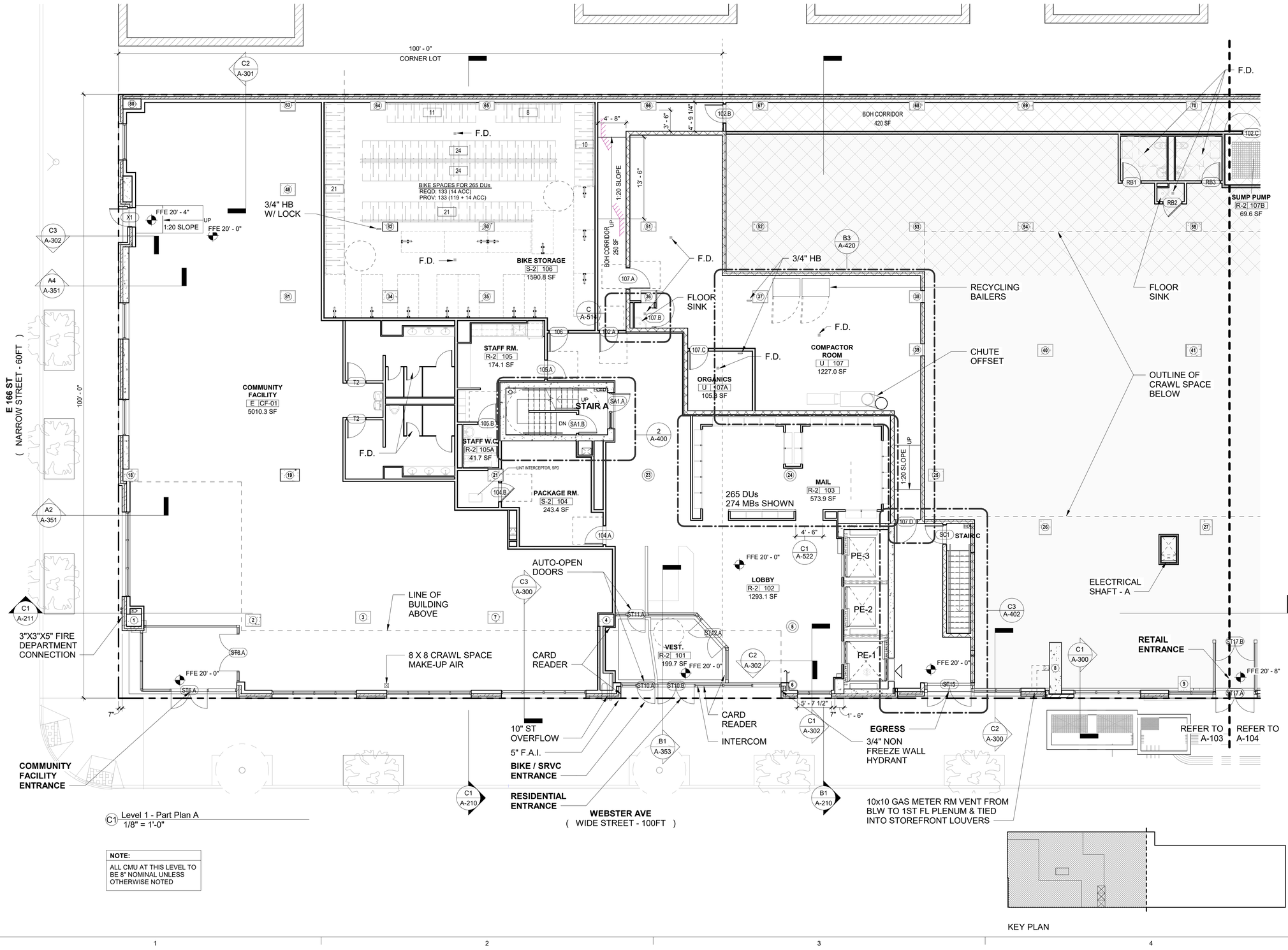
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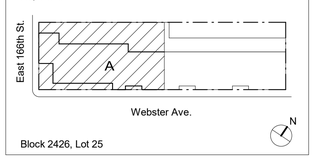
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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1st Floor Plan - Part Plan A

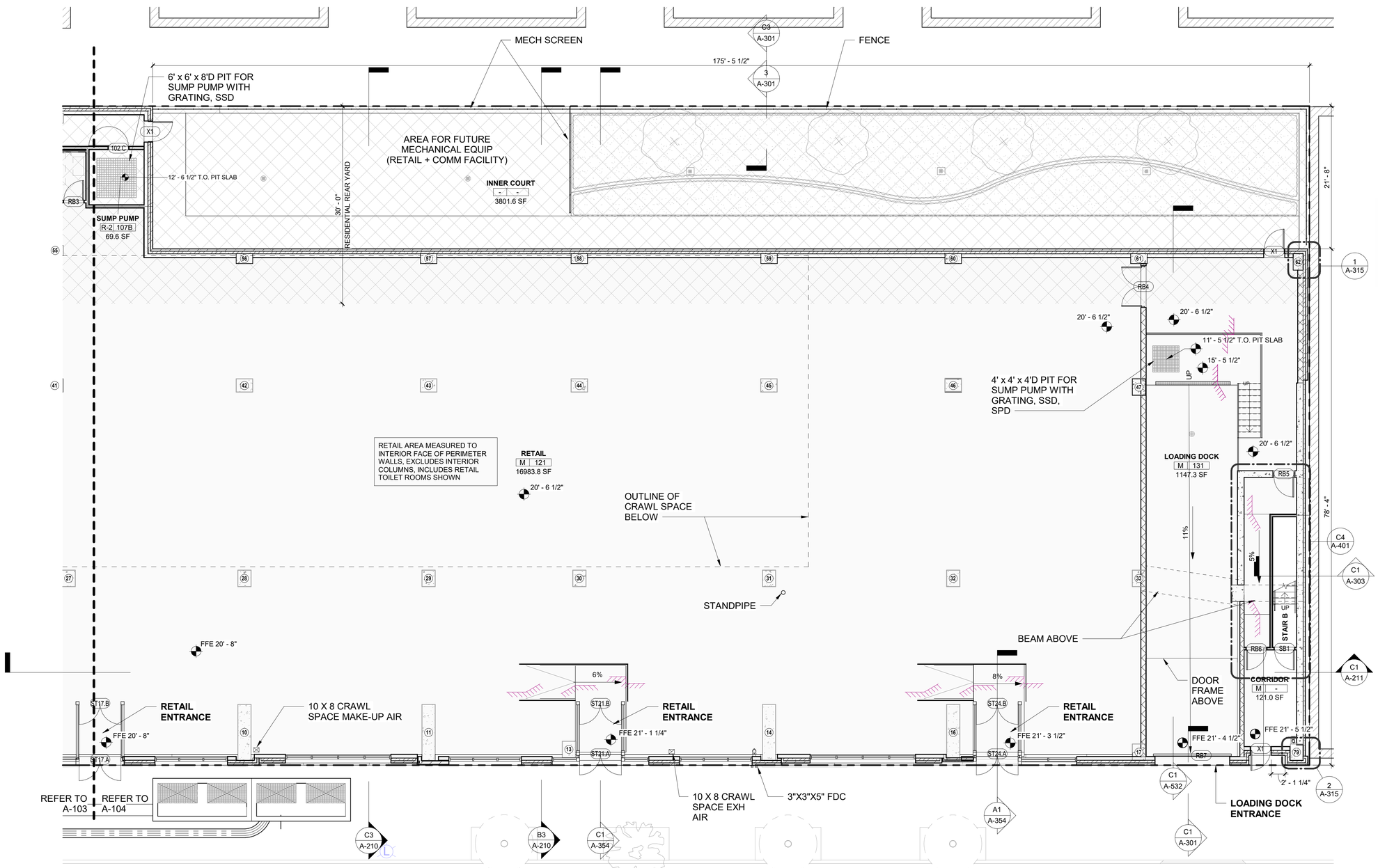
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Checked By	RE/BG
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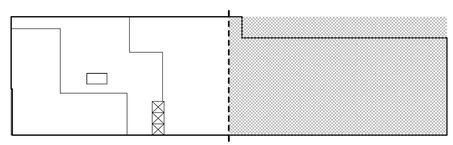
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C1 Level 1 - Part Plan B
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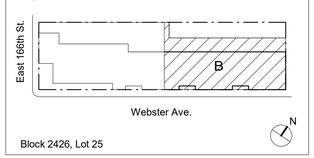
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

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Key Plan

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1st Floor Plan - Part Plan B

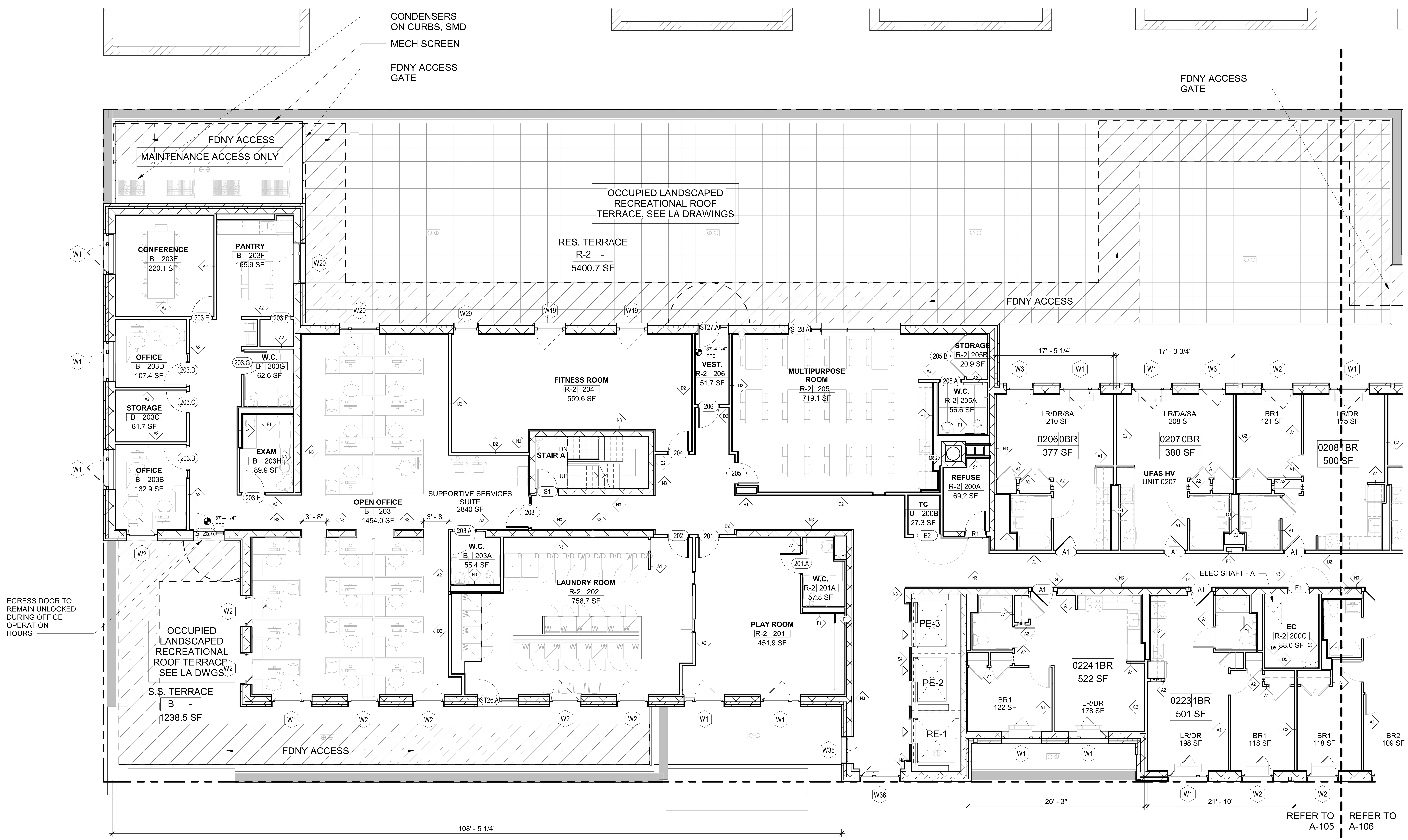
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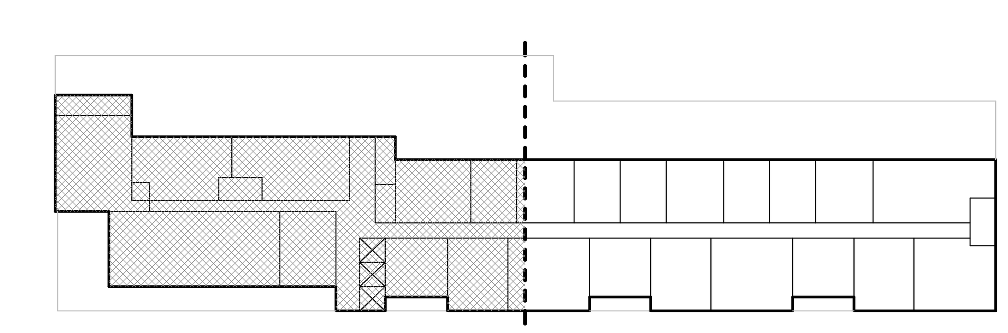
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C1 Level 2 - Part Plan A
1/8" = 1'-0"

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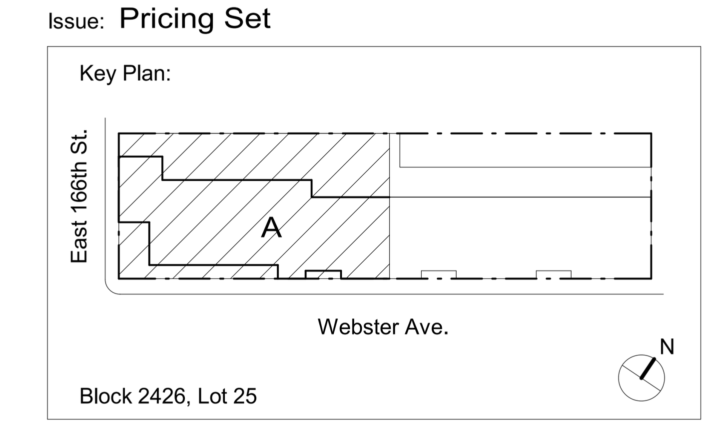
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

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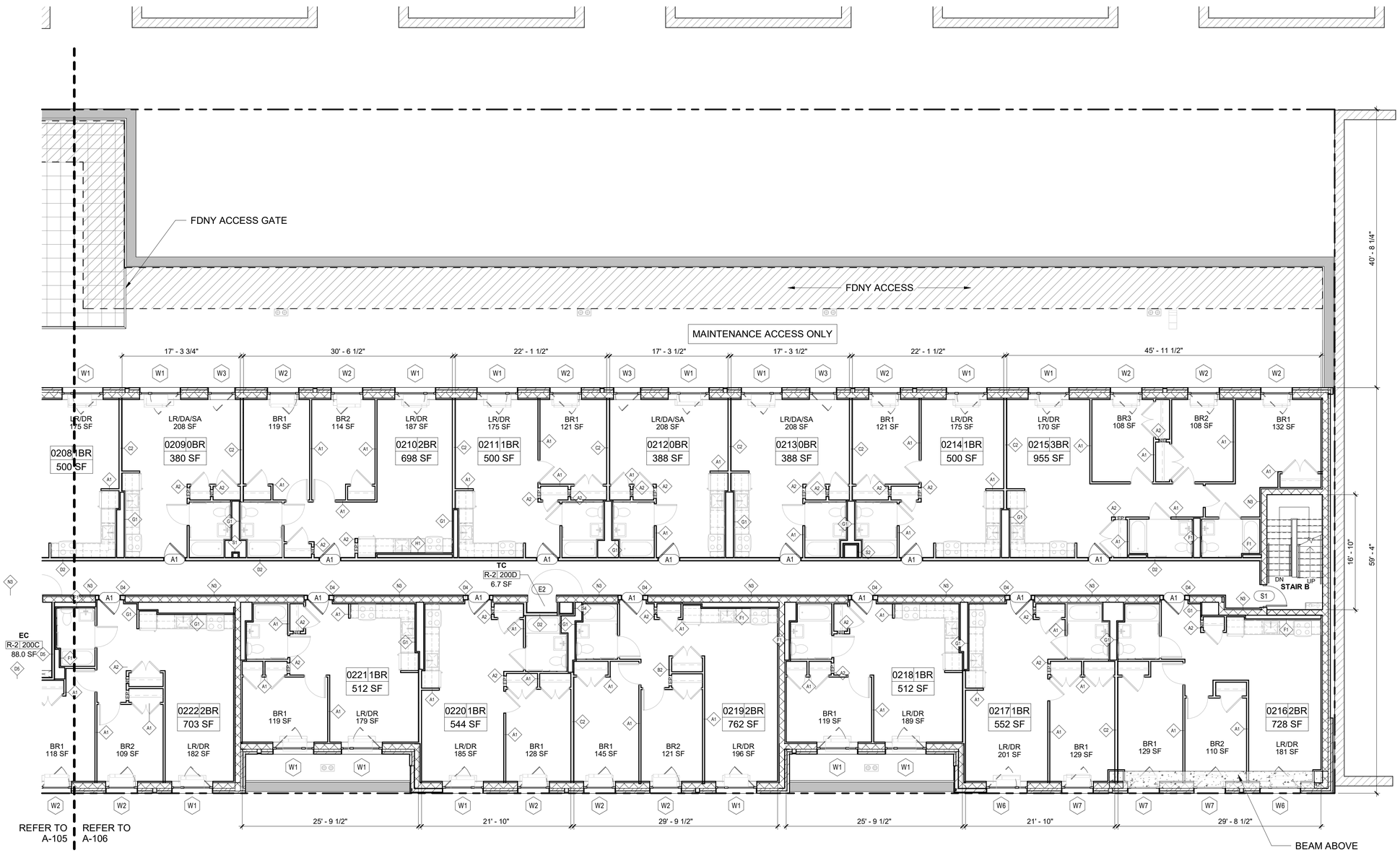
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2nd Floor Plan - Part Plan A

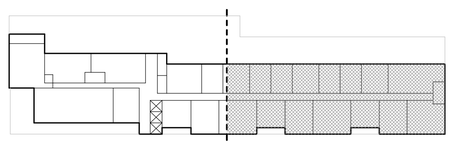
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Drawn By	DK/ER
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Project No.	2231
Sheet No.	A-118.00

Seal



C1 Level 2 - Part Plan B
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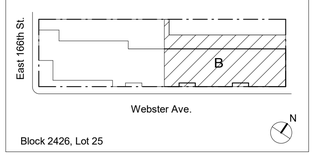
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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2nd Floor Plan - Part Plan B

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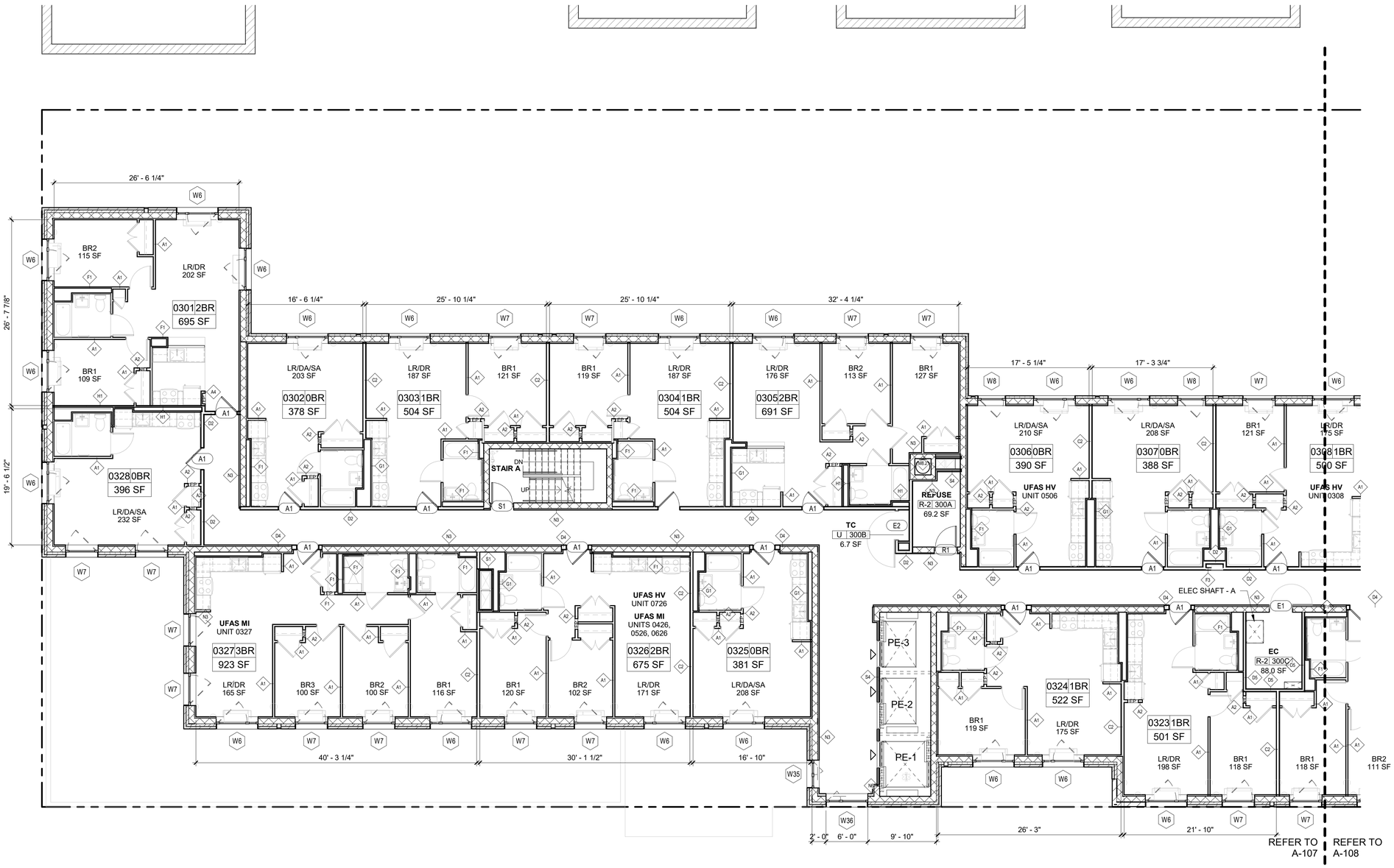
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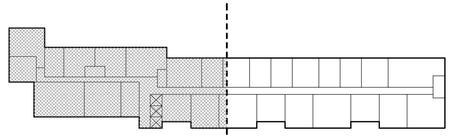
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C1 Level 3-7 - Part Plan A
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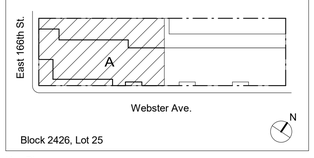
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Block 2426, Lot 25

Key Plan

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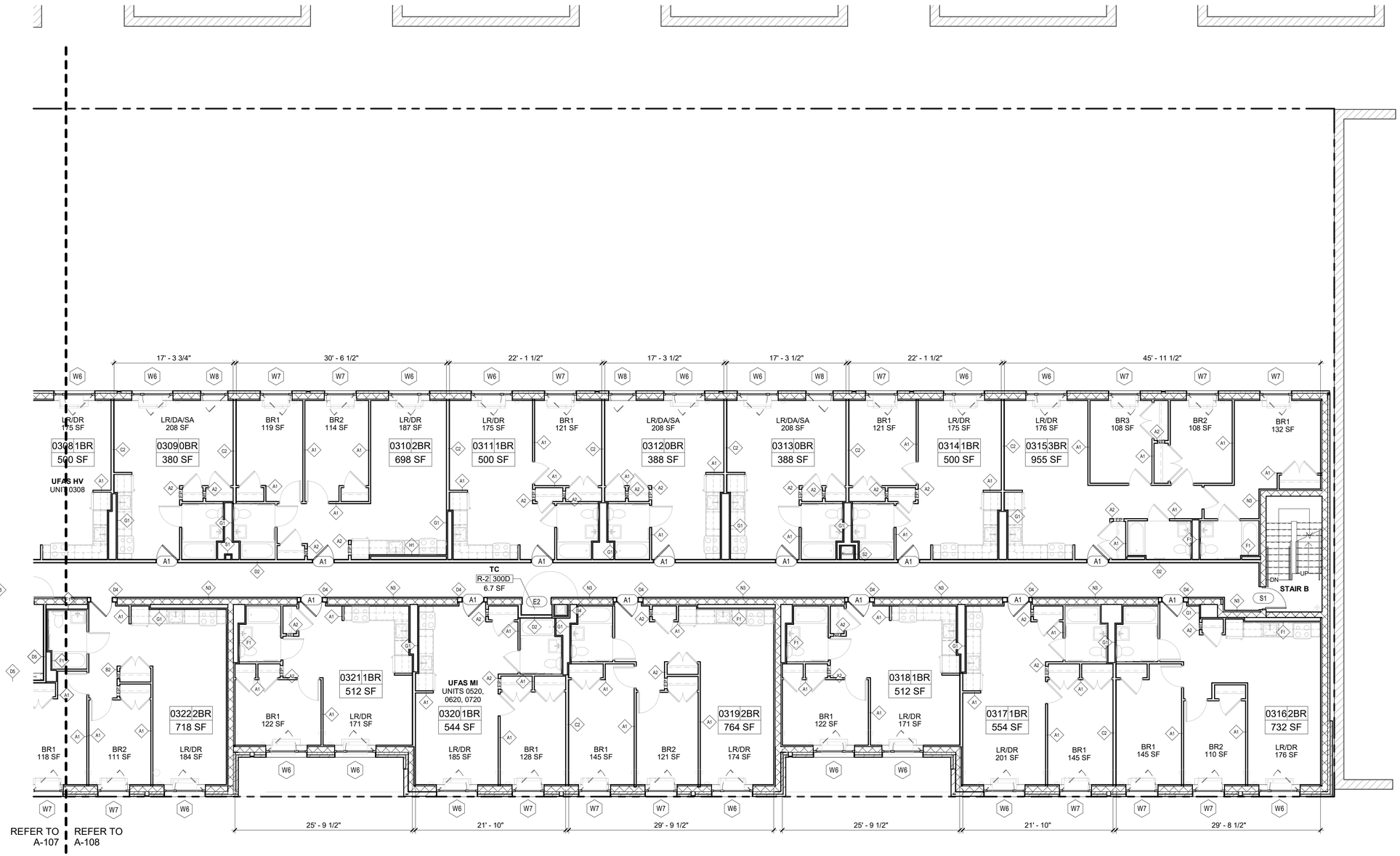
3rd - 7th Floor Plan - Part Plan A

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Project No.	2231

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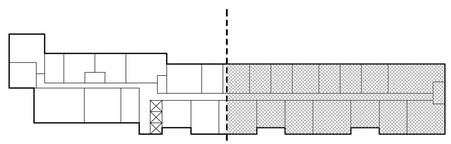
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C1 Level 3-7 - Part Plan B
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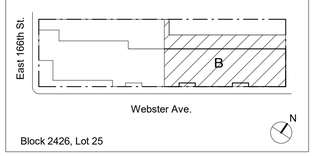
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Revisions:

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Issue: Pricing Set

Key Plan:



Key Plan

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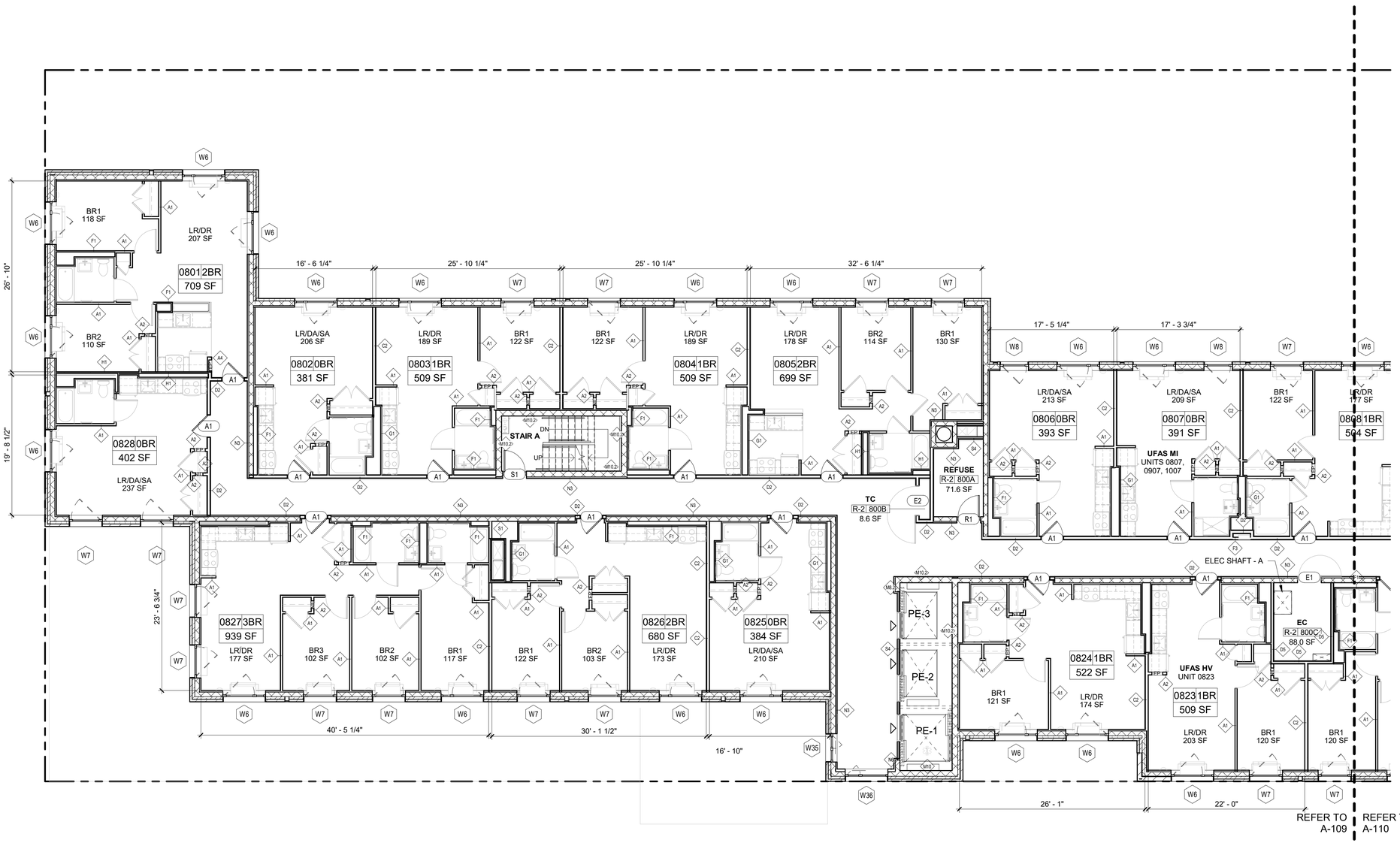
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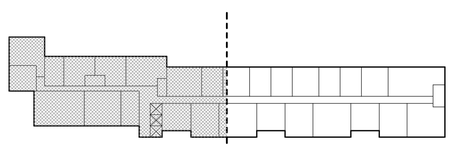
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C1 Level 8-10 - Part Plan A
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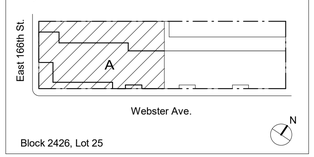
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

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Key Plan

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8th - 10th Floor Plan - Part Plan A

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Project No.	2231

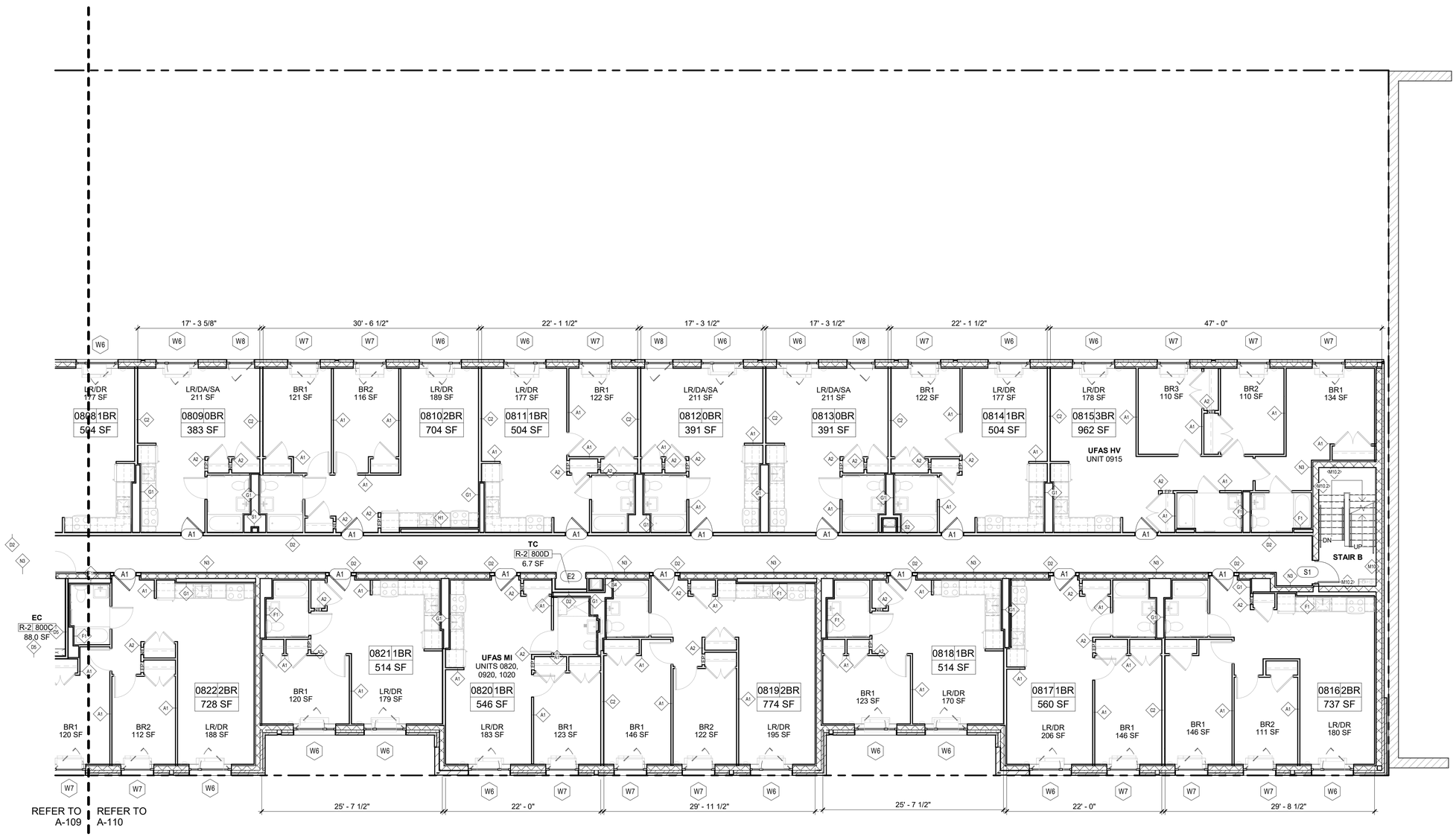
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Sheet No.:

A-122.00

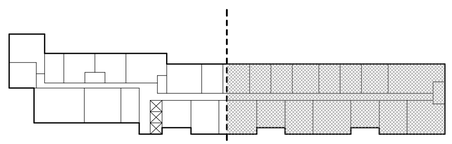
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C1 Level 8-10 - Part Plan B
1/8" = 1'-0"

NOTE:
ALL CMU AT THIS LEVEL TO BE 8" NOMINAL UNLESS OTHERWISE NOTED



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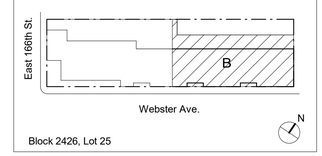
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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8th - 10th Floor Plan - Part Plan B

Date	09/03/2024
Scale	As indicated
Drawn By	DK/ER
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Project No.	2231

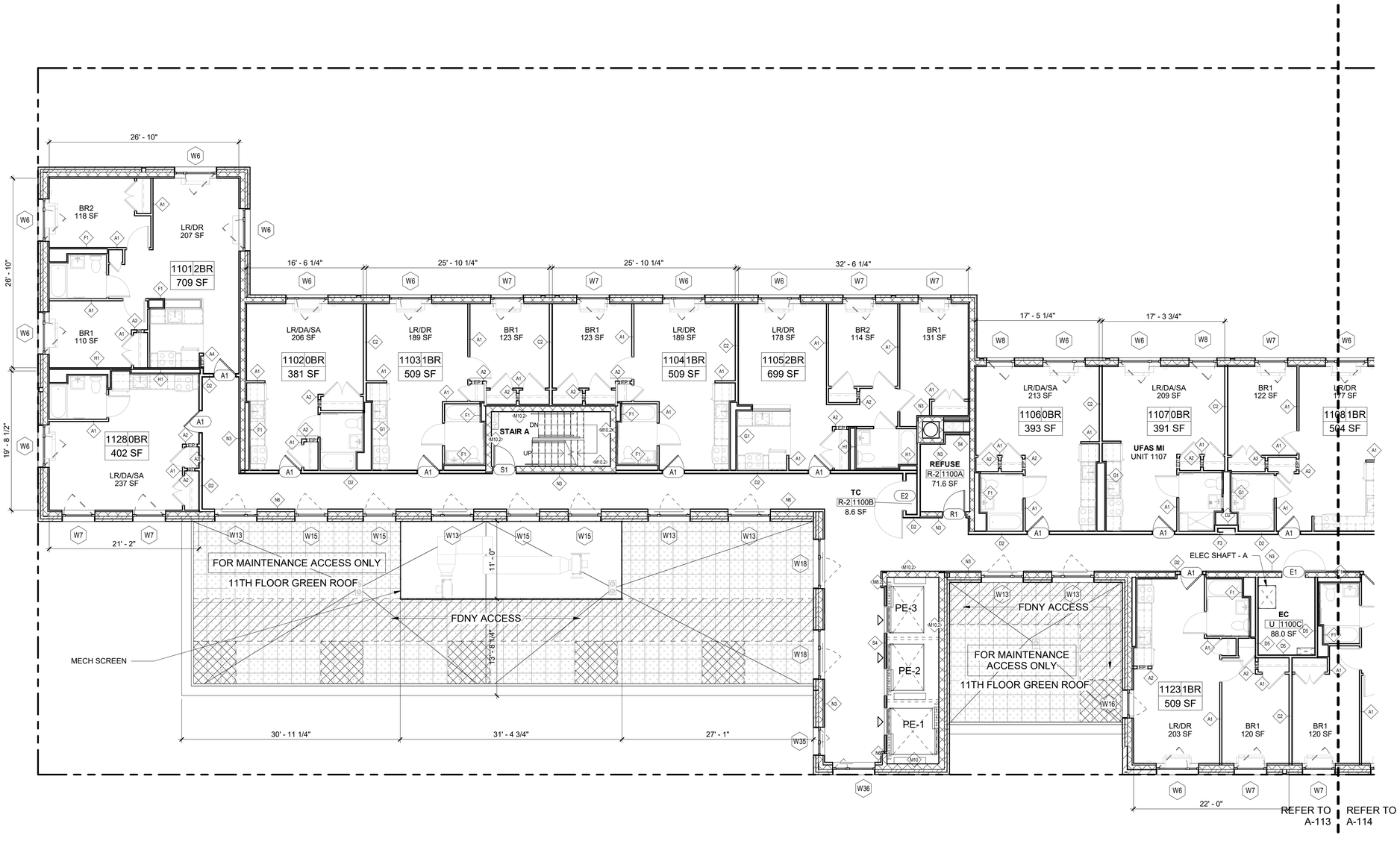
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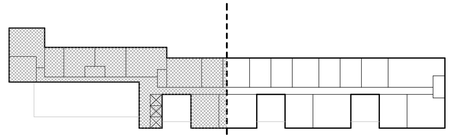
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1 Level 11 - Part Plan A
1/8" = 1'-0"

NOTE:
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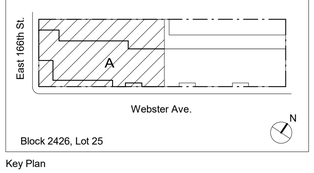
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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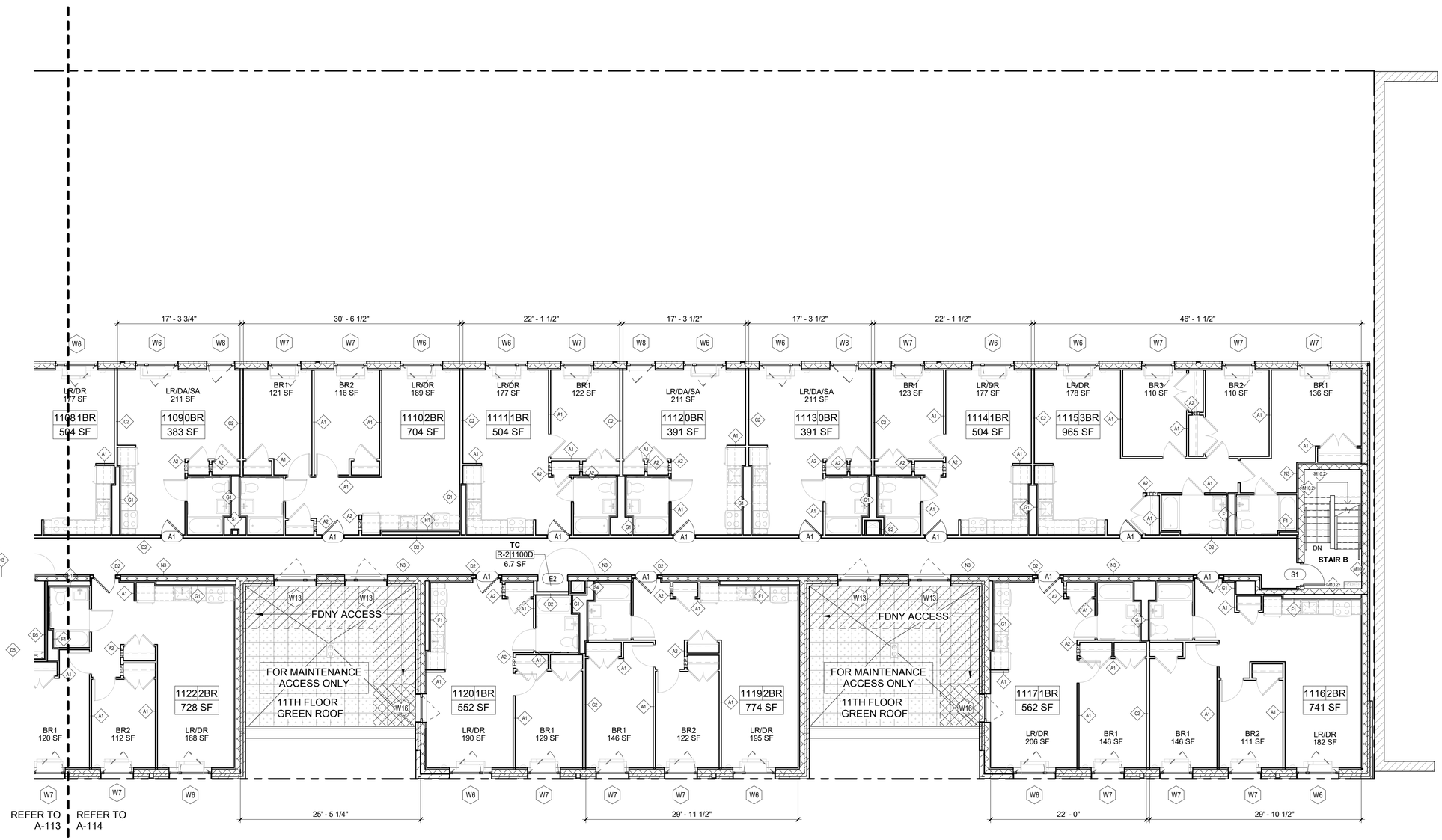
11th Floor Plan - Part Plan A

Date	09/03/2024
Scale	As indicated
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231

Seal

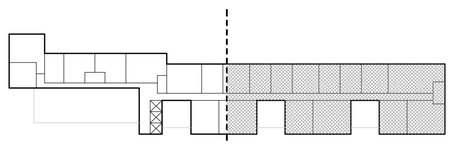
Sheet No.:

A-124.00



1 Level 11 - Part Plan B
1/8" = 1'-0"

NOTE:
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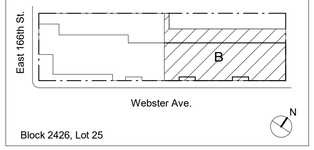
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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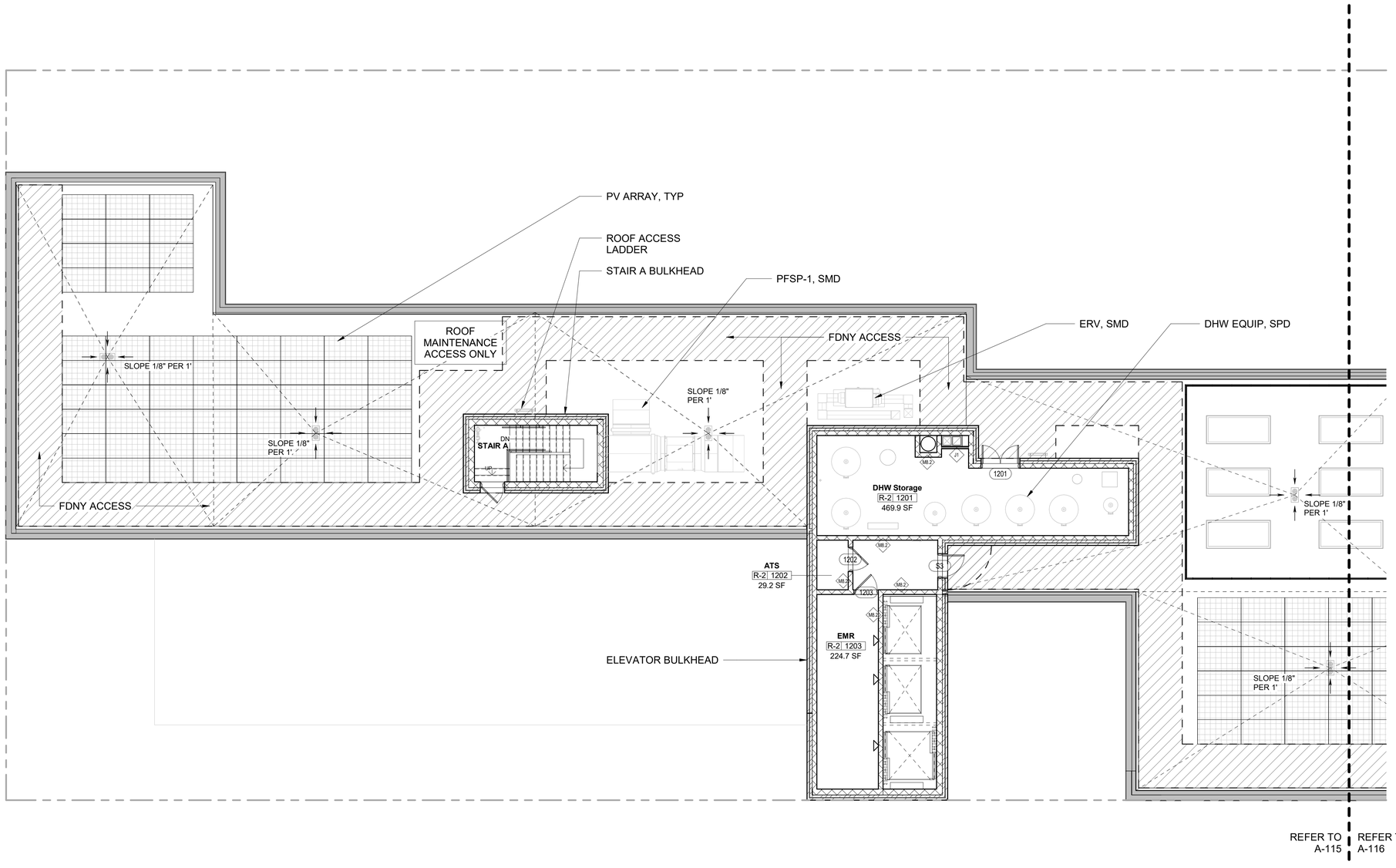
11th Floor Plan - Part Plan B

Date	09/03/2024
Scale	As indicated
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231

Seal

Sheet No.:

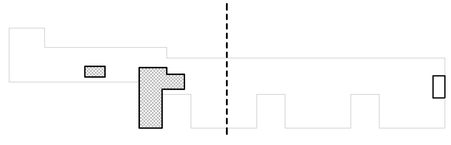
A-125.00



C1 Roof - Part Plan A
1/8" = 1'-0"

NOTE:

MAIN ROOF IS A CLASS B ROOF ASSEMBLY PER BC. 1505.3 AND HAS A MIN SOLAR REFLECTANCE OF 0.7 PER BC. 1504.9 REFER TO G-002 FOR DETAILS.



KEY PLAN

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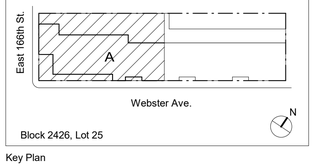
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Roof Floor Plan - Part Plan A

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231

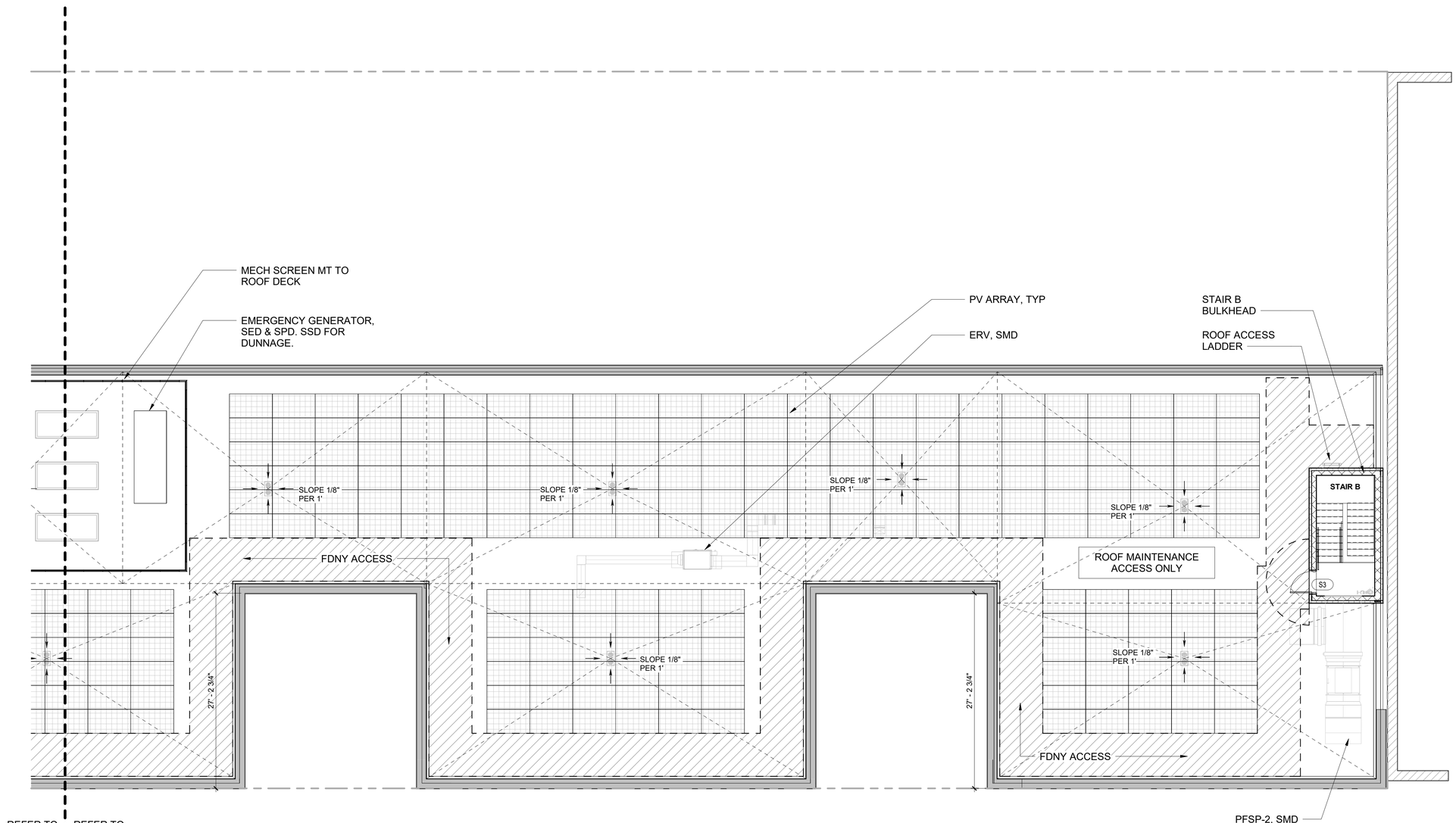
Seal

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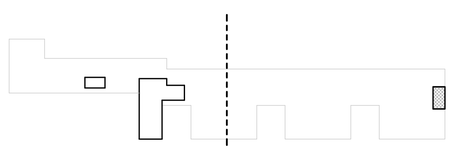
Plotted: 9/5/2024 3:44:49 PM



C1 Roof - Part Plan B
1/8" = 1'-0"

NOTE:

MAIN ROOF IS A CLASS B ROOF ASSEMBLY PER BC. 1505.3 AND HAS A MIN SOLAR REFLECTANCE OF 0.7 PER BC. 1504.9 REFER TO G-002 FOR DETAILS.



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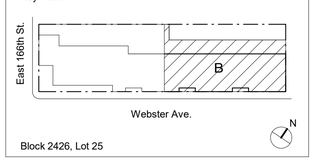
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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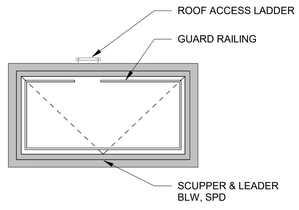
Roof Floor Plan - Part Plan B

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231

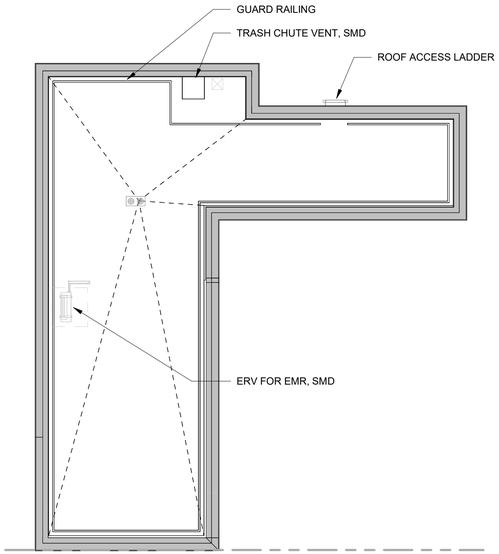
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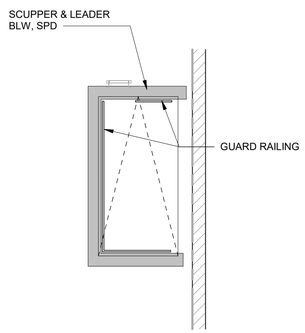
Sheet No.:

A-127.00



1 Bulkhead Roof - Stair A & EMR
1/8" = 1'-0"





2 Bulkhead Roof - Stair B
1/8" = 1'-0"

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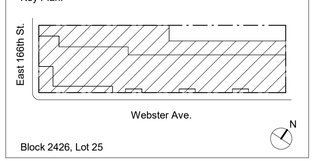
P4	Pricing Set	24-0830

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Bulkhead Roof Plan

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	DK/ER
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Project No.	2231

Seal

Sheet No.:

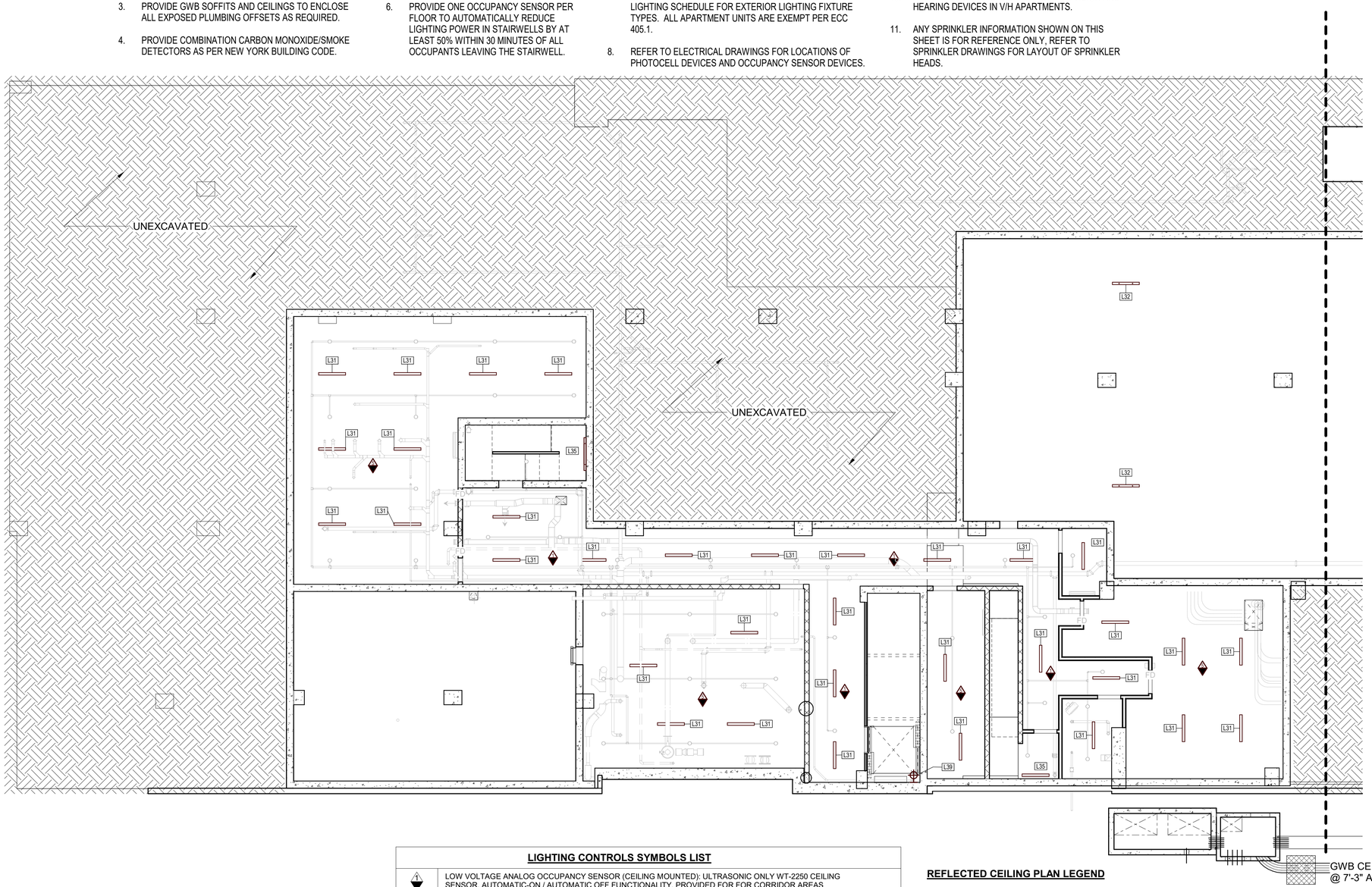
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2. HEIGHT FROM TOP OF SLAB TO THE UNDERSIDE OF SLAB ABOVE IS PRECEDED BY AN ELEVATION INDICATOR SYMBOL.
3. PROVIDE GWB SOFFITS AND CEILINGS TO ENCLOSE ALL EXPOSED PLUMBING OFFSETS AS REQUIRED.
4. PROVIDE COMBINATION CARBON MONOXIDE/SMOKE DETECTORS AS PER NEW YORK BUILDING CODE.
5. PROVIDE DIMMERS OR BI-LEVEL LIGHTING TO COMPLY WITH ECC C405.2.1.2 IN THE FOLLOWING ROOMS: TENANT COMMUNITY ROOM, LAUNDRY, PLAY ROOM, FITNESS CENTER AND BICYCLE ROOM.
6. PROVIDE ONE OCCUPANCY SENSOR PER FLOOR TO AUTOMATICALLY REDUCE LIGHTING POWER IN STAIRWELLS BY AT LEAST 50% WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE STAIRWELL.
7. PROVIDE OCCUPANCY SENSORS TO COMPLY WITH ECC C405.2.2 IN THE FOLLOWING ROOMS: TENANT COMMUNITY ROOM, LAUNDRY, PLAY ROOM, FITNESS CENTER, PUBLIC RESTROOM, REFUSE ROOMS, JANITORS CLOSETS, OFFICE, STORAGE, BICYCLE ROOM AND UTILITY SPACES.PROVIDE AUTOMATIC MULTI-LEVEL PHOTOCONTROL FOR DAYLIGHT ZONES TO COMPLY WITH ECC C405.2.2.2. REFER TO LIGHTING SCHEDULE FOR EXTERIOR LIGHTING FIXTURE TYPES. ALL APARTMENT UNITS ARE EXEMPT PER ECC 405.1.
8. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PHOTOCELL DEVICES AND OCCUPANCY SENSOR DEVICES.
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12. COORDINATE WITH MECHANICAL DRAWINGS FOR CEILING REGISTERS, GRILLES AND DIFFUSERS.
13. PROVIDE MIN 8'-0" CEILING HEIGHT AT UNIT KITCHENS, WHICH ARE HABITABLE ROOMS.



C1 Cellar Ceiling Plan - Part Plan A
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

1	LOW VOLTAGE ANALOG OCCUPANCY SENSOR (CEILING MOUNTED): ULTRASONIC ONLY WT-2250 CEILING SENSOR, AUTOMATIC-ON / AUTOMATIC OFF FUNCTIONALITY, PROVIDED FOR FOR CORRIDOR AREAS
2	LOW VOLTAGE DAYLIGHT CONTROL SENSOR (CEILING MOUNTED), W/AUTO DIMMING: LS-301 DAYLIGHT SENSOR, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
3	VACANCY SENSOR/SWITCH (WALL MOUNTED): DUAL TECHNOLOGY - DSW-301 (LINE VOLTAGE), REFER TO DETILS FOR APPLICABLE OPTION. MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN SMALL OFFICE OR APPLICABLE SPACES INDICATED ON PLANS
5	LOW VOLTAGE ANALOG VACANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, DT-300 CEILING SENSOR, MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN LARGE ENCLOSED AREAS AS INDICATED ON PLANS
6	OCCUPANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, LMDC-100, DUAL CEILING SENSOR AUTOMATIC-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN OPEN AREAS AS INDICATED ON PLANS
7	DAYLIGHT CONTROL SENSOR (CEILING MOUNTED) W/AUTO DIMMING: INDOOR LMLS-500 OPEN-LOOP DAYLIGHT SENSOR, UP TO 3-ZONE CONTROL, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
8	OCCUPANCY SENSOR (CEILING MOUNTED): HIGH BAY / WET LOCATION, HB-3X0W SERIES (LOW VOLTAGE) RATED FOR OUTDOOR/WET LOCATIONS MOUNTING RANGE: 8-40 FT, (COORDINATE FINAL BZ-SERIES POWER PACK REQS) COORDINATE LENSE PURCHASE / INSTALLATION SEPARATELY, PROVIDE FOR GARAGE AREAS W/ OUTDOOR EXPOSURE

REFLECTED CEILING PLAN LEGEND

- COVERCOAT AND PAINTED CEILING FINISH ON EXPOSED UNDERSIDE OF PRECAST CONC.
- DROPPED ARCH
- GWB CEILING @ 10'-0" AFF
- GWB CEILING @ 9'-8" AFF
- GWB CEILING @ 9'-2" AFF
- GWB CEILING @ 8'-8" AFF
- GWB CEILING @ 8'-2" AFF
- GWB CEILING @ 7'-8" AFF
- GWB CEILING @ 7'-0" AFF
- ACT (2'x2') CEILING HEIGHT AS NOTED
- MTL PANEL (2'x2') CEILING HEIGHT AS NOTED
- GWB CEILING HEIGHT AS NOTED

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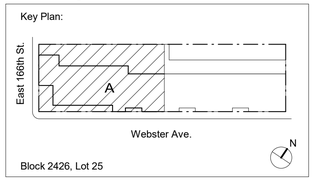
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Cellar Reflected Ceiling Plan - Part Plan A

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

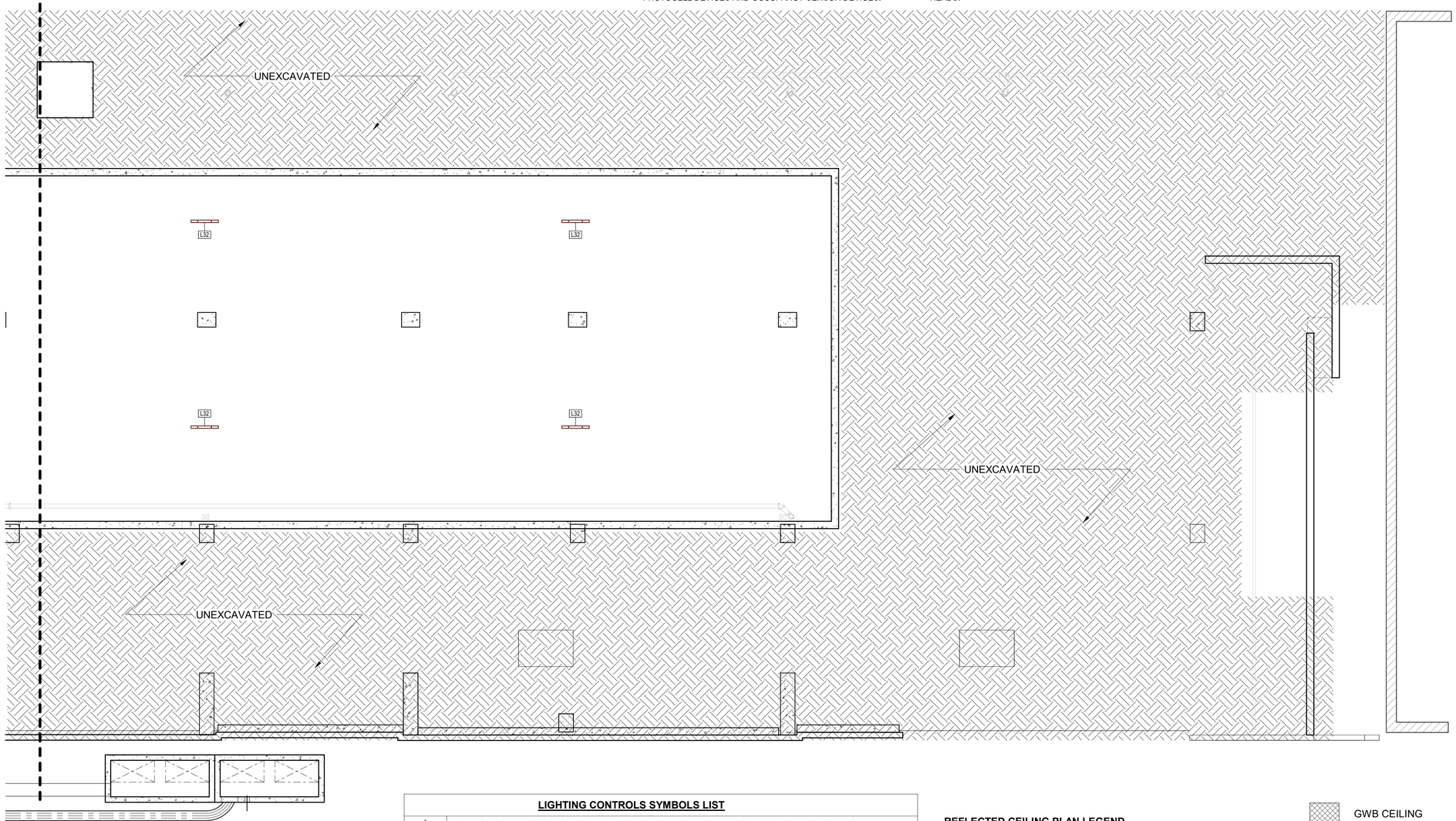
Seal

Sheet No.:

A-131.00

NOTES:

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C1 Cellar Ceiling Plan - Part Plan B
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

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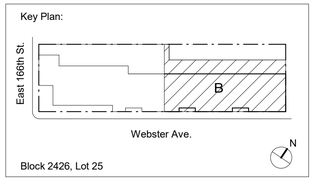
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

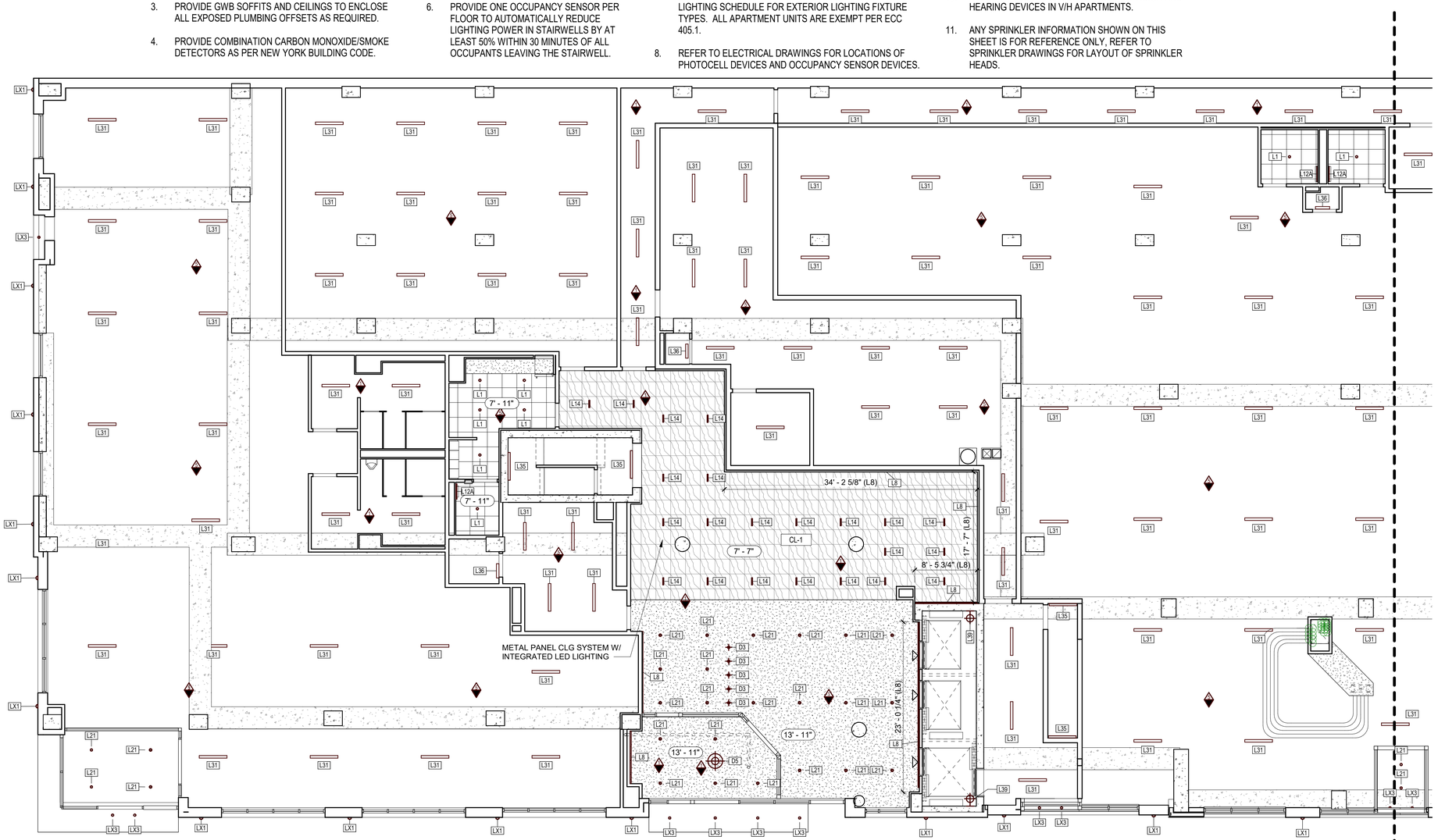
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Cellar Reflected Ceiling Plan - Part Plan B

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231 Seal
Sheet No.:	A-132.00

NOTES:

1. ALL FINISH CEILING HEIGHTS TO BE MEASURED FROM TOP OF FINISHED FLOOR, U.O.N.
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C1 Level 1 Ceiling Plan - Part Plan A
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

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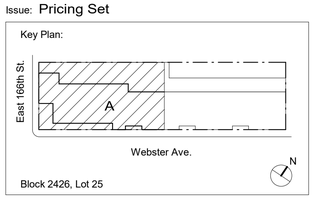
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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1st Floor Reflected Ceiling Plan - Part Plan A

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

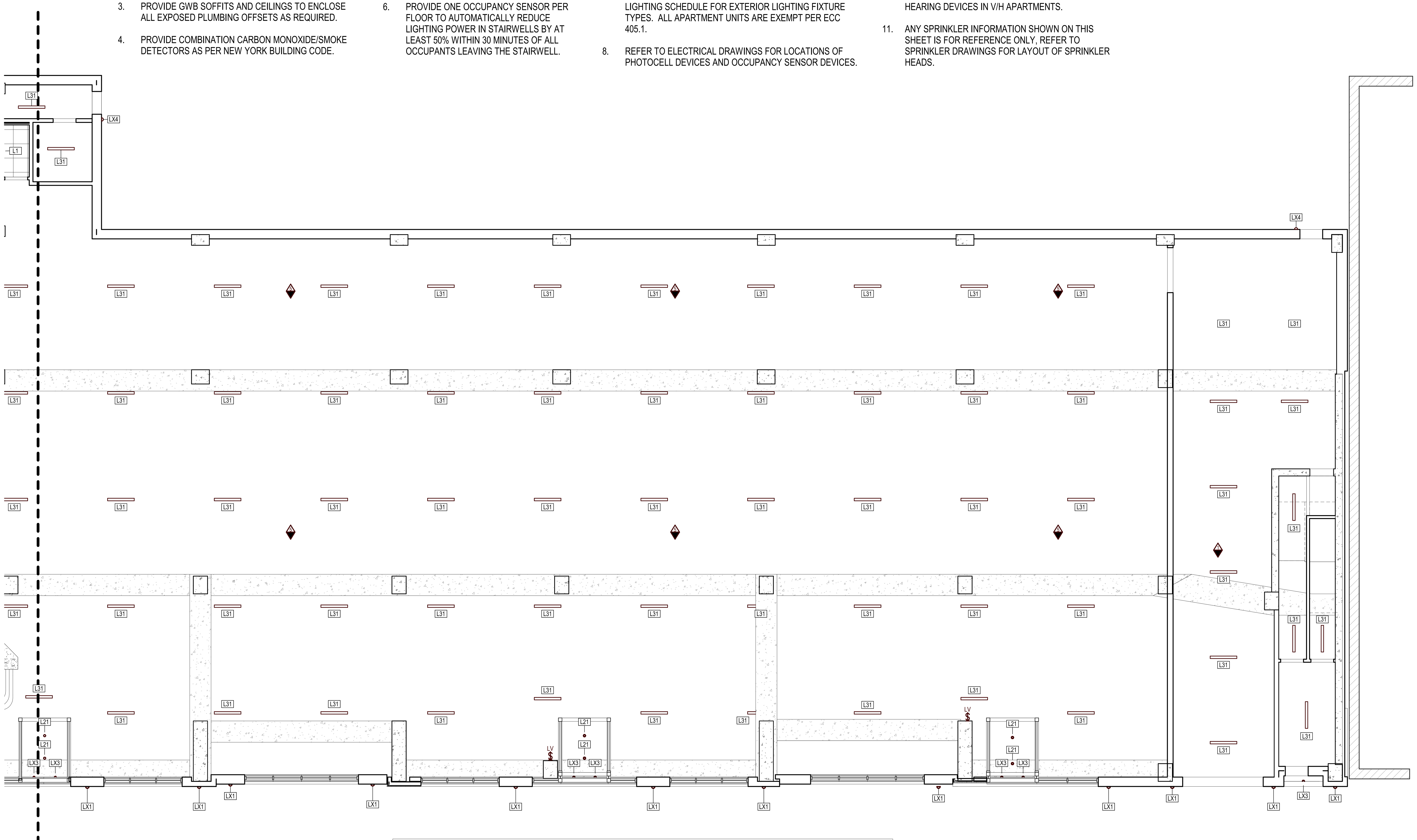
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Sheet No.:

A-133.00

NOTES:

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2. HEIGHT FROM TOP OF SLAB TO THE UNDERSIDE OF SLAB ABOVE IS PRECEDED BY AN ELEVATION INDICATOR SYMBOL.
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6. PROVIDE ONE OCCUPANCY SENSOR PER FLOOR TO AUTOMATICALLY REDUCE LIGHTING POWER IN STAIRWELLS BY AT LEAST 50% WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE STAIRWELL.
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13. PROVIDE MIN 8'-0" CEILING HEIGHT AT UNIT KITCHENS, WHICH ARE HABITABLE ROOMS.



C1 Level 1 Ceiling Plan - Part Plan B
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

1	LOW VOLTAGE ANALOG OCCUPANCY SENSOR (CEILING MOUNTED): ULTRASONIC ONLY WT-2250 CEILING SENSOR, AUTOMATIC-ON / AUTOMATIC OFF FUNCTIONALITY, PROVIDED FOR FOR CORRIDOR AREAS
2	LOW VOLTAGE DAYLIGHT CONTROL SENSOR (CEILING MOUNTED), W/AUTO DIMMING: LS-301 DAYLIGHT SENSOR, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
3	VACANCY SENSOR/SWITCH (WALL MOUNTED): DUAL TECHNOLOGY - DSW-301 (LINE VOLTAGE), REFER TO DETILS FOR APPLICABLE OPTION. MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN SMALL OFFICE OR APPLICABLE SPACES INDICATED ON PLANS
5	LOW VOLTAGE ANALOG VACANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, DT-300 CEILING SENSOR, MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN LARGE ENCLOSED AREAS AS INDICATED ON PLANS
6	OCCUPANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, LMDC-100, DUAL CEILING SENSOR AUTOMATIC-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN OPEN AREAS AS INDICATED ON PLANS
7	DAYLIGHT CONTROL SENSOR (CEILING MOUNTED) W/AUTO DIMMING: INDOOR LMLS-500 OPEN-LOOP DAYLIGHT SENSOR, UP TO 3-ZONE CONTROL, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
8	OCCUPANCY SENSOR (CEILING MOUNTED): HIGH BAY / WET LOCATION, HB-3X0W SERIES (LOW VOLTAGE) RATED FOR OUTDOOR/WET LOCATIONS MOUNTING RANGE: 8-40 FT, (COORDINATE FINAL BZ-SERIES POWER PACK REQS) COORDINATE LENSE PURCHASE / INSTALLATION SEPARATELY, PROVIDE FOR GARAGE AREAS W/ OUTDOOR EXPOSURE

REFLECTED CEILING PLAN LEGEND

- COVERCOAT AND PAINTED CEILING FINISH ON EXPOSED UNDERSIDE OF PRECAST CONC.
- DROPPED ARCH
- GWB CEILING @ 10'-0" AFF
- GWB CEILING @ 9'-8" AFF
- GWB CEILING @ 9'-2" AFF
- GWB CEILING @ 8'-8" AFF
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- ACT (2'x2') CEILING HEIGHT AS NOTED
- MTL PANEL (2'x2') CEILING HEIGHT AS NOTED
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P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Block 2426, Lot 25

Key Plan

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1st Floor Reflected Ceiling Plan - Part Plan B

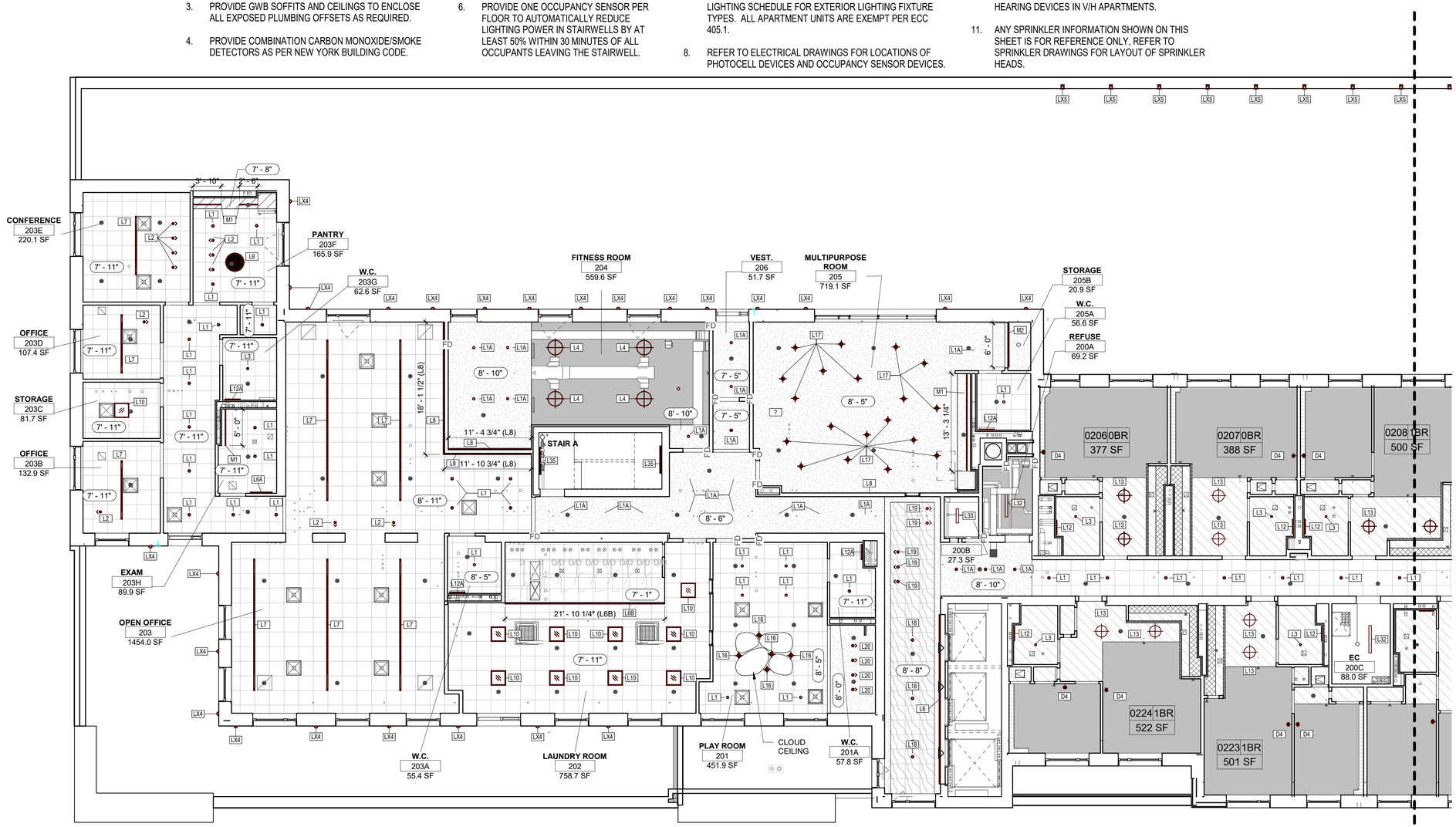
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Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

Seal

Sheet No.: A-134.00

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Level 2 Ceiling Plan - Part Plan A
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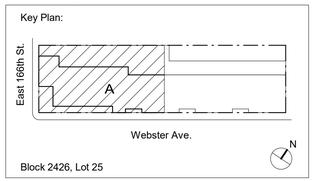
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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2nd Floor Reflected Ceiling Plan - Part Plan A

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
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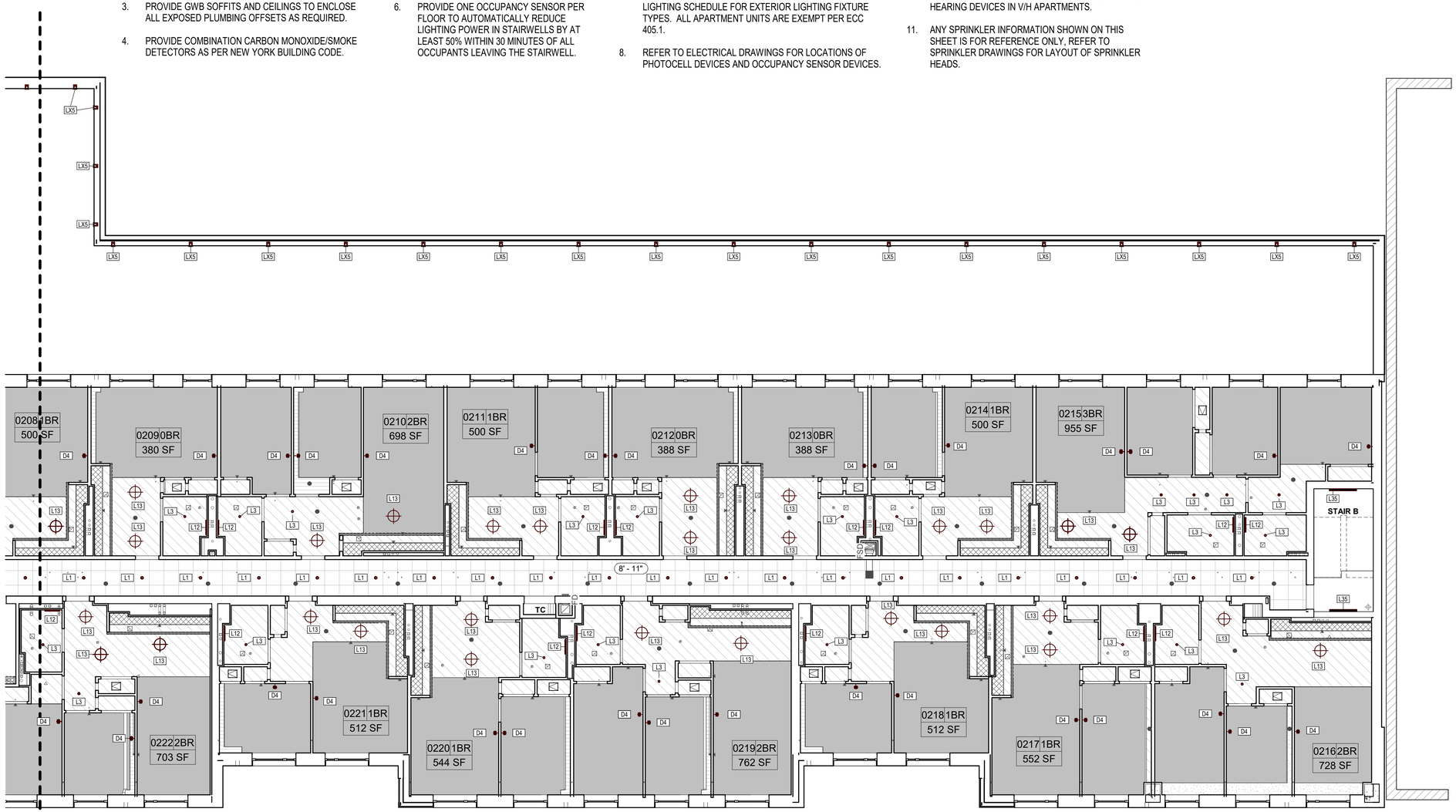
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C1 Level 2 Ceiling Plan - Part Plan B
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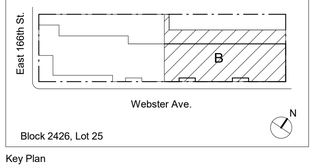
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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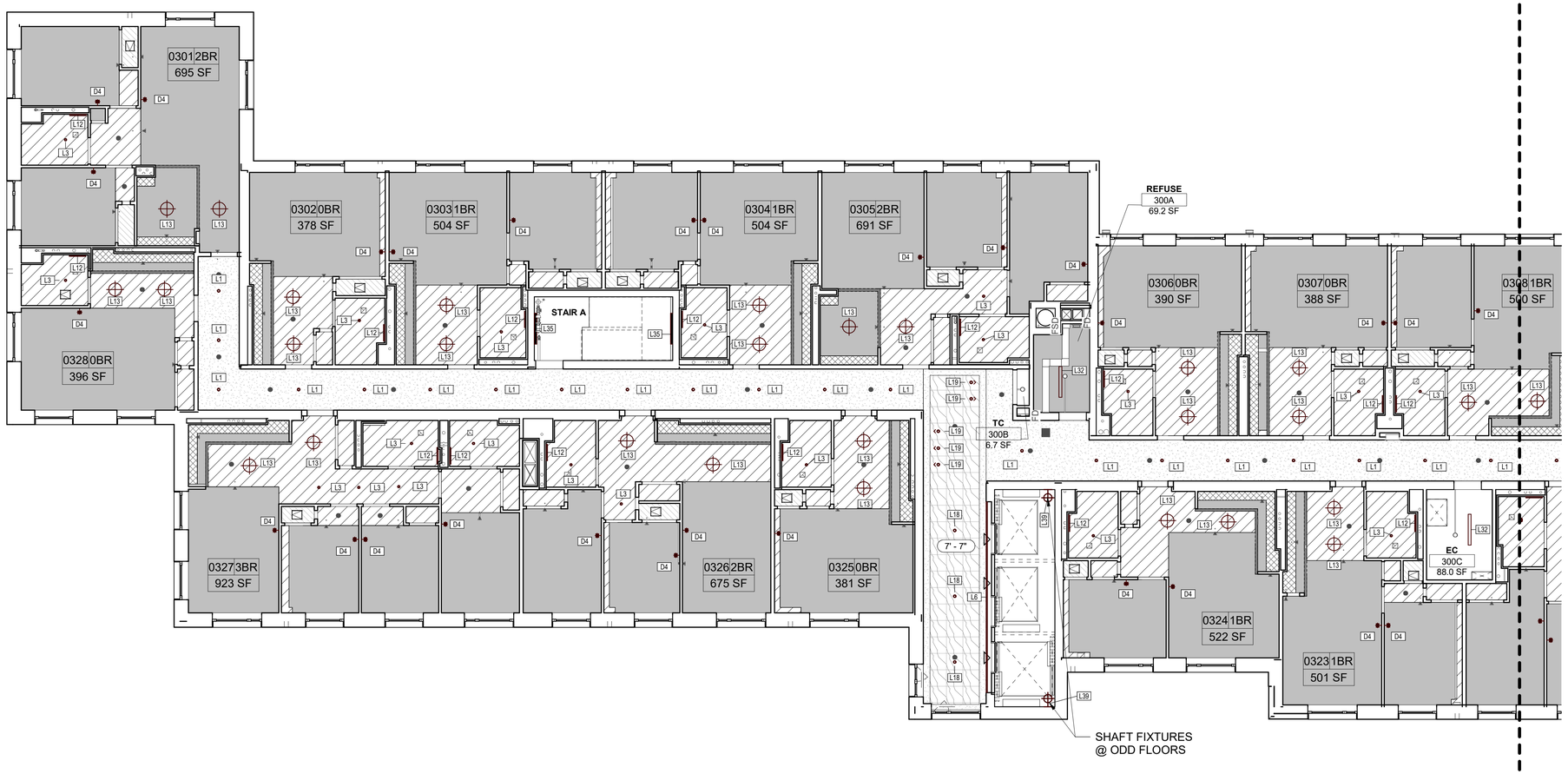
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2nd Floor Reflected Ceiling Plan - Part Plan B

Date	09/03/2024
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Drawn By	PN
Checked By	RE/BG
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12. COORDINATE WITH MECHANICAL DRAWINGS FOR CEILING REGISTERS, GRILLES AND DIFFUSERS.
13. PROVIDE MIN 8'-0" CEILING HEIGHT AT UNIT KITCHENS, WHICH ARE HABITABLE ROOMS.



C1 Level 3 Ceiling Plan - Part Plan A
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

1	LOW VOLTAGE ANALOG OCCUPANCY SENSOR (CEILING MOUNTED): ULTRASONIC ONLY WT-2250 CEILING SENSOR, AUTOMATIC-ON / AUTOMATIC OFF FUNCTIONALITY, PROVIDED FOR FOR CORRIDOR AREAS
2	LOW VOLTAGE DAYLIGHT CONTROL SENSOR (CEILING MOUNTED), W/AUTO DIMMING: LS-301 DAYLIGHT SENSOR, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
3	VACANCY SENSOR/SWITCH (WALL MOUNTED): DUAL TECHNOLOGY - DSW-301 (LINE VOLTAGE), REFER TO DETILS FOR APPLICABLE OPTION. MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN SMALL OFFICE OR APPLICABLE SPACES INDICATED ON PLANS
5	LOW VOLTAGE ANALOG VACANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, DT-300 CEILING SENSOR, MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN LARGE ENCLOSED AREAS AS INDICATED ON PLANS
6	OCCUPANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, LMDC-100, DUAL CEILING SENSOR AUTOMATIC-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN OPEN AREAS AS INDICATED ON PLANS
7	DAYLIGHT CONTROL SENSOR (CEILING MOUNTED) W/AUTO DIMMING: INDOOR LMLS-500 OPEN-LOOP DAYLIGHT SENSOR, UP TO 3-ZONE CONTROL, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
8	OCCUPANCY SENSOR (CEILING MOUNTED): HIGH BAY / WET LOCATION, HB-3X0W SERIES (LOW VOLTAGE) RATED FOR OUTDOOR/WET LOCATIONS MOUNTING RANGE: 8-40 FT, (COORDINATE FINAL BZ-SERIES POWER PACK REQS) COORDINATE LENSE PURCHASE / INSTALLATION SEPARATELY, PROVIDE FOR GARAGE AREAS W/ OUTDOOR EXPOSURE

REFLECTED CEILING PLAN LEGEND

- COVERCOAT AND PAINTED CEILING FINISH ON EXPOSED UNDERSIDE OF PRECAST CONC.
- DROPPED ARCH
- GWB CEILING @ 10'-0" AFF
- GWB CEILING @ 9'-8" AFF
- GWB CEILING @ 9'-2" AFF
- GWB CEILING @ 8'-8" AFF
- GWB CEILING @ 8'-2" AFF
- GWB CEILING @ 7'-8" AFF
- GWB CEILING @ 7'-3" AFF
- GWB CEILING @ 7'-0" AFF
- ACT (2'x2') CEILING HEIGHT AS NOTED
- MTL PANEL (2'x2') CEILING HEIGHT AS NOTED
- GWB CEILING HEIGHT AS NOTED

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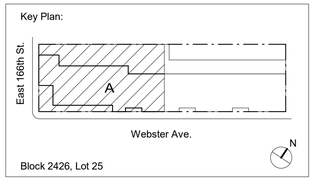
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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3rd - 7th Floor Reflected Ceiling Plan - Part Plan A

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

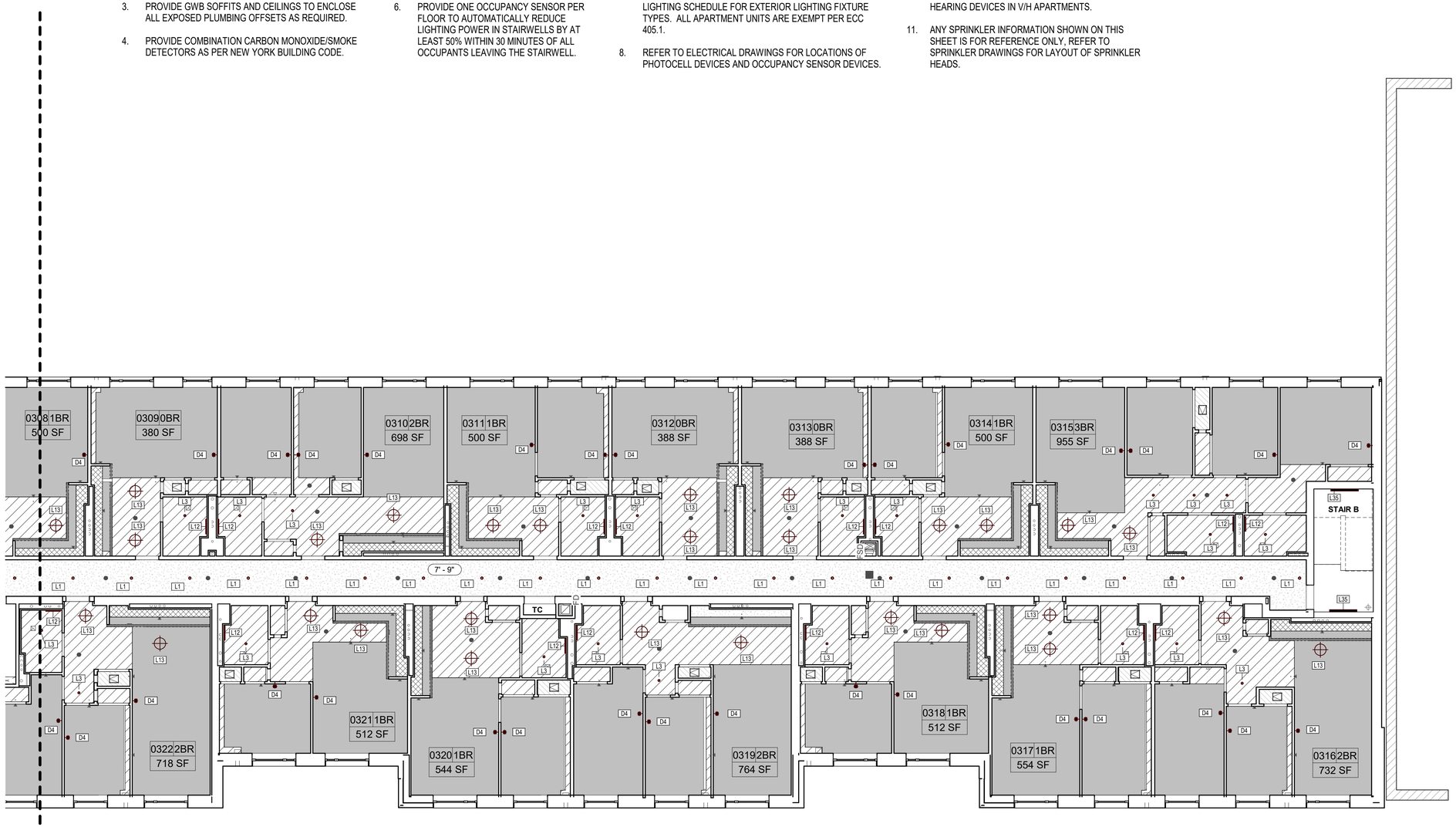
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A-137.00

NOTES:

1. ALL FINISH CEILING HEIGHTS TO BE MEASURED FROM TOP OF FINISHED FLOOR, U.O.N.
2. HEIGHT FROM TOP OF SLAB TO THE UNDERSIDE OF SLAB ABOVE IS PRECEDED BY AN ELEVATION INDICATOR SYMBOL.
3. PROVIDE GWB SOFFITS AND CEILINGS TO ENCLOSE ALL EXPOSED PLUMBING OFFSETS AS REQUIRED.
4. PROVIDE COMBINATION CARBON MONOXIDE/SMOKE DETECTORS AS PER NEW YORK BUILDING CODE.
5. PROVIDE DIMMERS OR BI-LEVEL LIGHTING TO COMPLY WITH ECC C405.2.1.2 IN THE FOLLOWING ROOMS: TENANT COMMUNITY ROOM, LAUNDRY, PLAY ROOM, FITNESS CENTER AND BICYCLE ROOM.
6. PROVIDE ONE OCCUPANCY SENSOR PER FLOOR TO AUTOMATICALLY REDUCE LIGHTING POWER IN STAIRWELLS BY AT LEAST 50% WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE STAIRWELL.
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C1 Level 3 Ceiling Plan - Part Plan B
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LIGHTING CONTROLS SYMBOLS LIST

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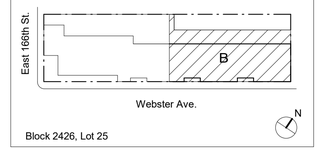
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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3rd - 7th Floor Reflected Ceiling Plan - Part Plan B

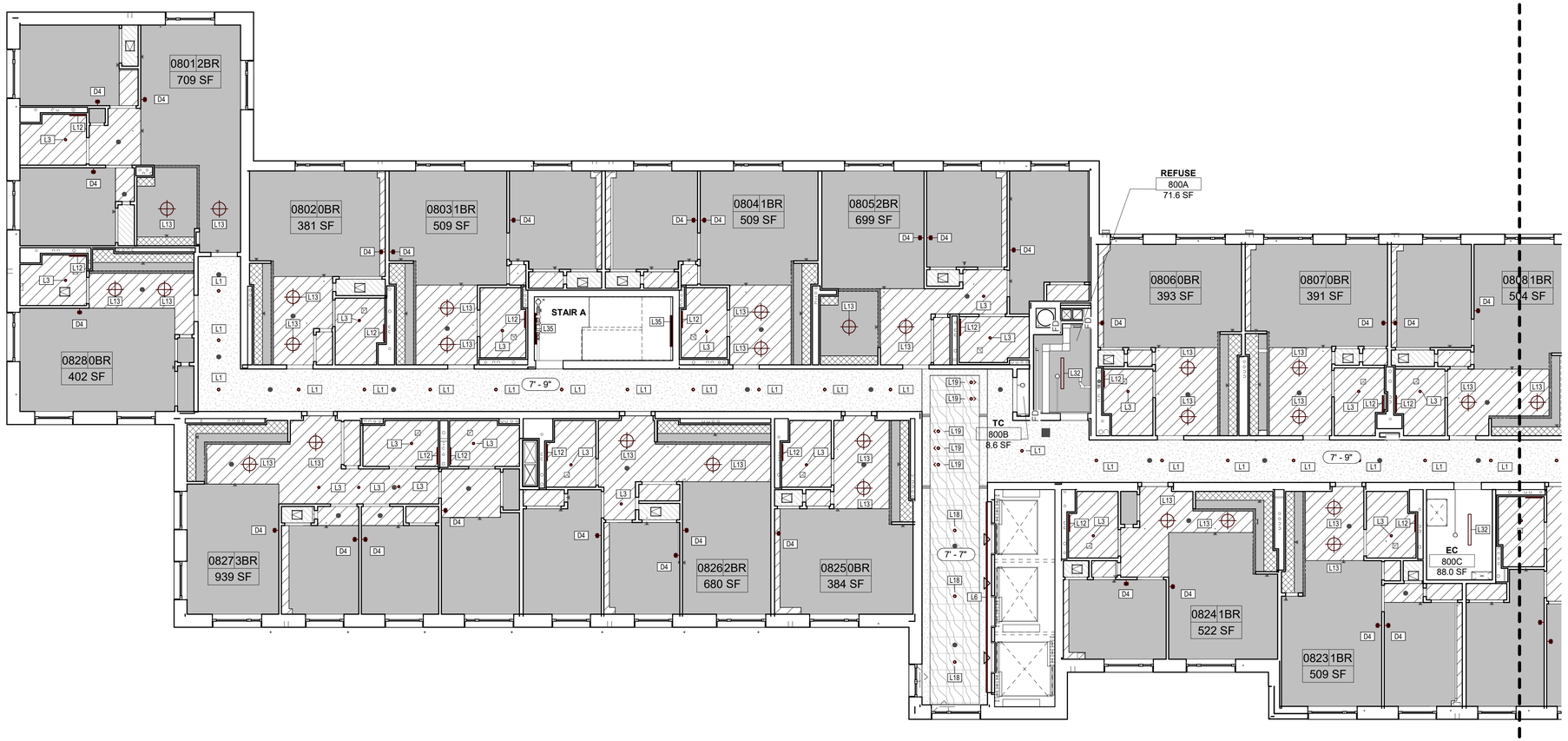
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Drawn By	PN
Checked By	RE/BG
Project No.	2231

Seal

Sheet No.: A-138.00

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C1 Level 8 Ceiling Plan - Part Plan A
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

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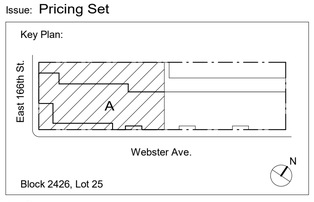
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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8th Floor Reflected Ceiling Plan - Part Plan A

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Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

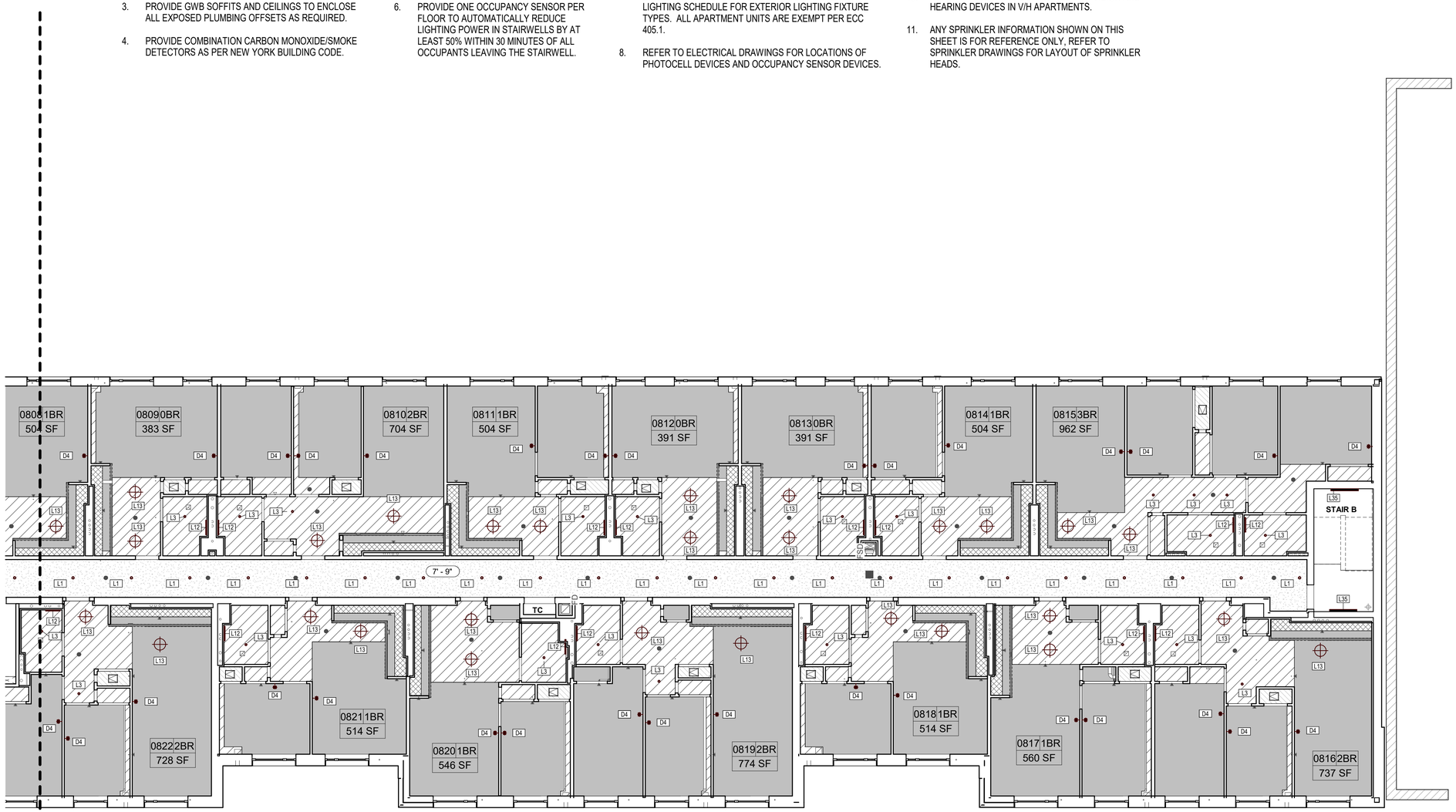
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10. REFER TO ELECTRICAL DRAWINGS FOR VISION AND HEARING DEVICES IN V/H APARTMENTS.
11. ANY SPRINKLER INFORMATION SHOWN ON THIS SHEET IS FOR REFERENCE ONLY, REFER TO SPRINKLER DRAWINGS FOR LAYOUT OF SPRINKLER HEADS.
12. COORDINATE WITH MECHANICAL DRAWINGS FOR CEILING REGISTERS, GRILLES AND DIFFUSERS.
13. PROVIDE MIN 8'-0" CEILING HEIGHT AT UNIT KITCHENS, WHICH ARE HABITABLE ROOMS.



C1 Level 8 Ceiling Plan - Part Plan B
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

1	LOW VOLTAGE ANALOG OCCUPANCY SENSOR (CEILING MOUNTED): ULTRASONIC ONLY WT-2250 CEILING SENSOR, AUTOMATIC-ON / AUTOMATIC OFF FUNCTIONALITY, PROVIDED FOR FOR CORRIDOR AREAS
2	LOW VOLTAGE DAYLIGHT CONTROL SENSOR (CEILING MOUNTED), W/AUTO DIMMING: LS-301 DAYLIGHT SENSOR, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
3	VACANCY SENSOR/SWITCH (WALL MOUNTED): DUAL TECHNOLOGY - DSW-301 (LINE VOLTAGE), REFER TO DETILS FOR APPLICABLE OPTION. MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN SMALL OFFICE OR APPLICABLE SPACES INDICATED ON PLANS
5	LOW VOLTAGE ANALOG VACANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, DT-300 CEILING SENSOR, MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN LARGE ENCLOSED AREAS AS INDICATED ON PLANS
6	OCCUPANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, LMDC-100, DUAL CEILING SENSOR AUTOMATIC-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN OPEN AREAS AS INDICATED ON PLANS
7	DAYLIGHT CONTROL SENSOR (CEILING MOUNTED) W/AUTO DIMMING: INDOOR LMLS-500 OPEN-LOOP DAYLIGHT SENSOR, UP TO 3-ZONE CONTROL, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
8	OCCUPANCY SENSOR (CEILING MOUNTED): HIGH BAY / WET LOCATION, HB-3X0W SERIES (LOW VOLTAGE) RATED FOR OUTDOOR/WET LOCATIONS MOUNTING RANGE: 8-40 FT, (COORDINATE FINAL BZ-SERIES POWER PACK REQS) COORDINATE LENSE PURCHASE / INSTALLATION SEPARATELY, PROVIDE FOR GARAGE AREAS W/ OUTDOOR EXPOSURE

REFLECTED CEILING PLAN LEGEND

- COVERCOAT AND PAINTED CEILING FINISH ON EXPOSED UNDERSIDE OF PRECAST CONC.
- DROPPED ARCH
- GWB CEILING @ 10'-0" AFF
- GWB CEILING @ 9'-8" AFF
- GWB CEILING @ 9'-2" AFF
- GWB CEILING @ 8'-8" AFF
- GWB CEILING @ 8'-2" AFF
- GWB CEILING @ 7'-8" AFF
- GWB CEILING @ 7'-3" AFF
- GWB CEILING @ 7'-0" AFF
- ACT (2'x2') CEILING HEIGHT AS NOTED
- MTL PANEL (2'x2') CEILING HEIGHT AS NOTED
- GWB CEILING HEIGHT AS NOTED

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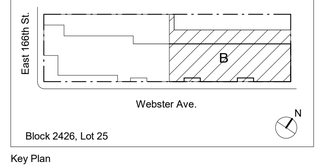
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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8th Floor Reflected Ceiling Plan - Part Plan B

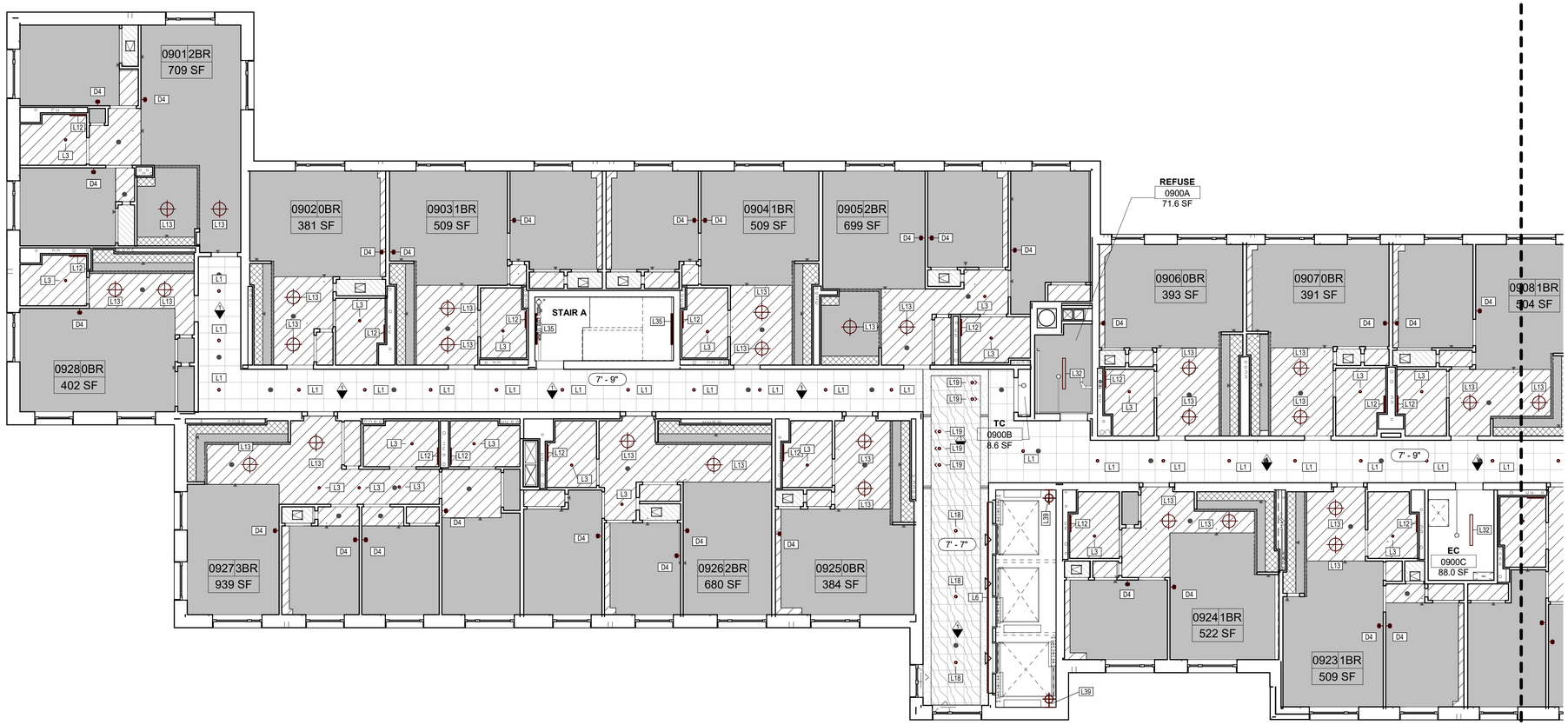
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Drawn By	PN
Checked By	RE/BG
Project No.	2231

Seal

Sheet No.: A-140.00

NOTES:

1. ALL FINISH CEILING HEIGHTS TO BE MEASURED FROM TOP OF FINISHED FLOOR, U.O.N.
2. HEIGHT FROM TOP OF SLAB TO THE UNDERSIDE OF SLAB ABOVE IS PRECEDED BY AN ELEVATION INDICATOR SYMBOL.
3. PROVIDE GWB SOFFITS AND CEILINGS TO ENCLOSE ALL EXPOSED PLUMBING OFFSETS AS REQUIRED.
4. PROVIDE COMBINATION CARBON MONOXIDE/SMOKE DETECTORS AS PER NEW YORK BUILDING CODE.
5. PROVIDE DIMMERS OR BI-LEVEL LIGHTING TO COMPLY WITH ECC C405.2.1.2 IN THE FOLLOWING ROOMS: TENANT COMMUNITY ROOM, LAUNDRY, PLAY ROOM, FITNESS CENTER AND BICYCLE ROOM.
6. PROVIDE ONE OCCUPANCY SENSOR PER FLOOR TO AUTOMATICALLY REDUCE LIGHTING POWER IN STAIRWELLS BY AT LEAST 50% WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE STAIRWELL.
7. PROVIDE OCCUPANCY SENSORS TO COMPLY WITH ECC C405.2.2 IN THE FOLLOWING ROOMS: TENANT COMMUNITY ROOM, LAUNDRY, PLAY ROOM, FITNESS CENTER, PUBLIC RESTROOM, REFUSE ROOMS, JANITORS CLOSETS, OFFICE, STORAGE, BICYCLE ROOM AND UTILITY SPACES.PROVIDE AUTOMATIC MULTI-LEVEL PHOTOCONTROL FOR DAYLIGHT ZONES TO COMPLY WITH ECC C405.2.2.2. REFER TO LIGHTING SCHEDULE FOR EXTERIOR LIGHTING FIXTURE TYPES. ALL APARTMENT UNITS ARE EXEMPT PER ECC 405.1.
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C1 Level 9 Ceiling Plan - Part Plan A
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

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6	OCCUPANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, LMDC-100, DUAL CEILING SENSOR AUTOMATIC-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN OPEN AREAS AS INDICATED ON PLANS
7	DAYLIGHT CONTROL SENSOR (CEILING MOUNTED) W/AUTO DIMMING: INDOOR LMLS-500 OPEN-LOOP DAYLIGHT SENSOR, UP TO 3-ZONE CONTROL, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
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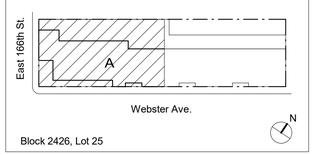
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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9th Floor Reflected Ceiling Plan - Part Plan A

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

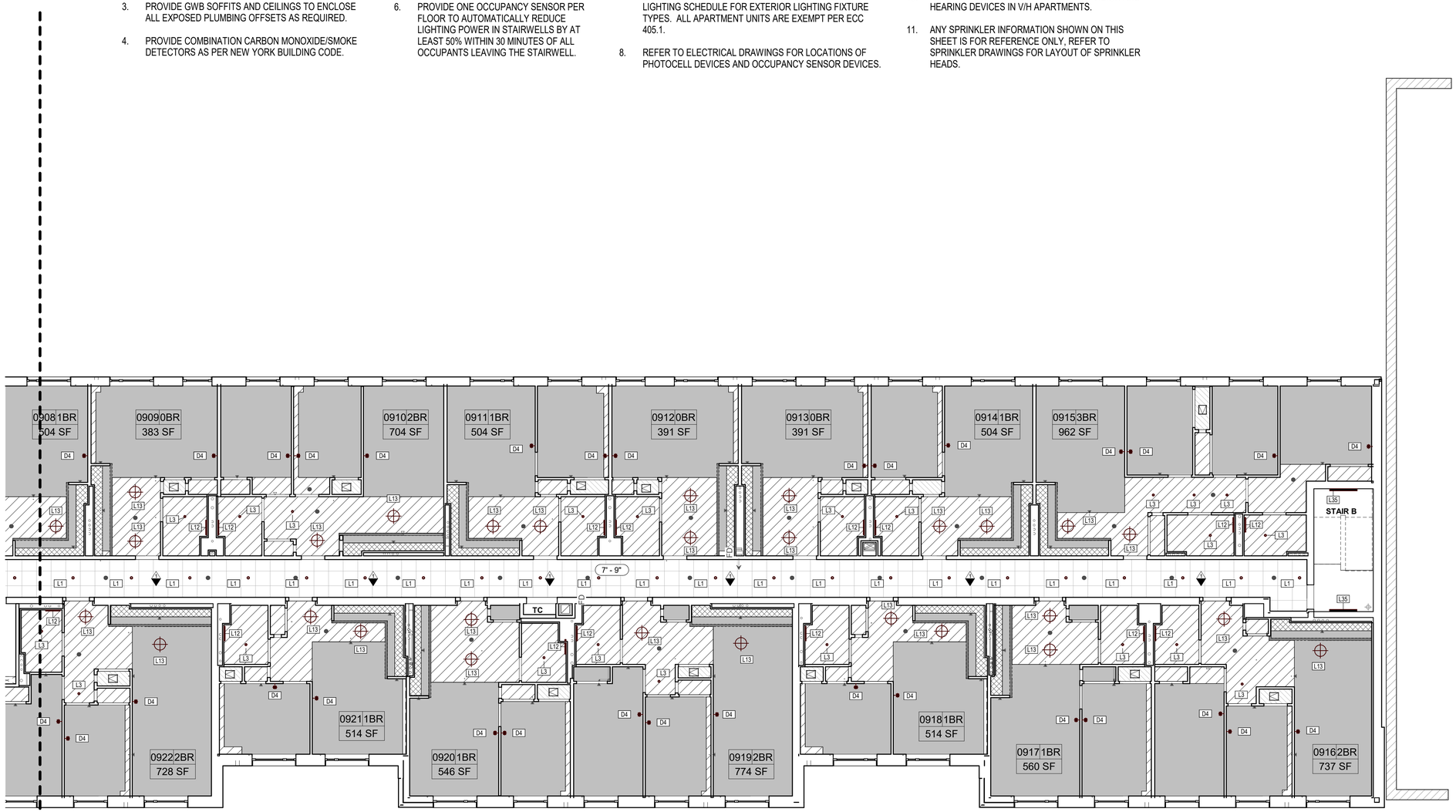
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Sheet No.:

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C1 Level 9 Ceiling Plan - Part Plan B
1/8" = 1'-0"

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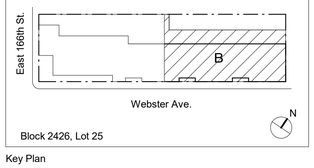
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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9th Floor Reflected Ceiling Plan - Part Plan B

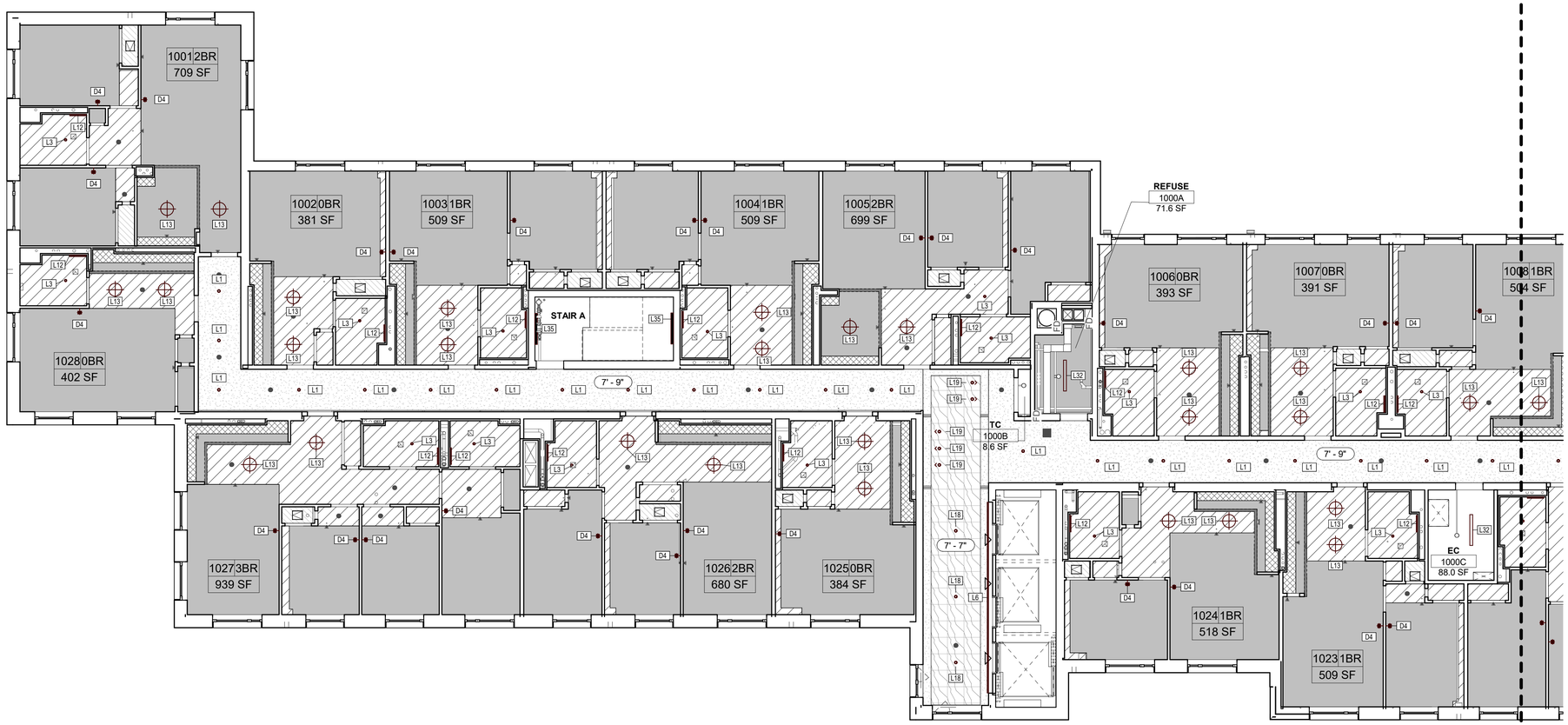
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Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

Seal

Sheet No.: A-142.00

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C1 Level 10 Ceiling Plan - Part Plan A
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

1	LOW VOLTAGE ANALOG OCCUPANCY SENSOR (CEILING MOUNTED): ULTRASONIC ONLY WT-2250 CEILING SENSOR, AUTOMATIC-ON / AUTOMATIC OFF FUNCTIONALITY, PROVIDED FOR FOR CORRIDOR AREAS
2	LOW VOLTAGE DAYLIGHT CONTROL SENSOR (CEILING MOUNTED), W/AUTO DIMMING: LS-301 DAYLIGHT SENSOR, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
3	VACANCY SENSOR/SWITCH (WALL MOUNTED): DUAL TECHNOLOGY - DSW-301 (LINE VOLTAGE), REFER TO DETILS FOR APPLICABLE OPTION. MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN SMALL OFFICE OR APPLICABLE SPACES INDICATED ON PLANS
5	LOW VOLTAGE ANALOG VACANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, DT-300 CEILING SENSOR, MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN LARGE ENCLOSED AREAS AS INDICATED ON PLANS
6	OCCUPANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, LMDC-100, DUAL CEILING SENSOR AUTOMATIC-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN OPEN AREAS AS INDICATED ON PLANS
7	DAYLIGHT CONTROL SENSOR (CEILING MOUNTED) W/AUTO DIMMING: INDOOR LMLS-500 OPEN-LOOP DAYLIGHT SENSOR, UP TO 3-ZONE CONTROL, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
8	OCCUPANCY SENSOR (CEILING MOUNTED): HIGH BAY / WET LOCATION, HB-3X0W SERIES (LOW VOLTAGE) RATED FOR OUTDOOR/WET LOCATIONS MOUNTING RANGE: 8-40 FT, (COORDINATE FINAL BZ-SERIES POWER PACK REQS) COORDINATE LENSE PURCHASE / INSTALLATION SEPARATELY, PROVIDE FOR GARAGE AREAS W/ OUTDOOR EXPOSURE

REFLECTED CEILING PLAN LEGEND

- COVERCOAT AND PAINTED CEILING FINISH ON EXPOSED UNDERSIDE OF PRECAST CONC.
- DROPPED ARCH
- GWB CEILING @ 10'-0" AFF
- GWB CEILING @ 9'-8" AFF
- GWB CEILING @ 9'-2" AFF
- GWB CEILING @ 8'-8" AFF
- GWB CEILING @ 8'-2" AFF
- GWB CEILING @ 7'-8" AFF
- GWB CEILING @ 7'-3" AFF
- GWB CEILING @ 7'-0" AFF
- ACT (2'x2') CEILING HEIGHT AS NOTED
- MTL PANEL (2'x2') CEILING HEIGHT AS NOTED
- GWB CEILING HEIGHT AS NOTED

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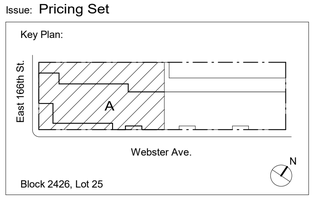
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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10th Floor Reflected Ceiling Plan - Part Plan A

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

Seal

Sheet No.:

A-143.00

NOTES:

1. ALL FINISH CEILING HEIGHTS TO BE MEASURED FROM TOP OF FINISHED FLOOR, U.O.N.
2. HEIGHT FROM TOP OF SLAB TO THE UNDERSIDE OF SLAB ABOVE IS PRECEDED BY AN ELEVATION INDICATOR SYMBOL.
3. PROVIDE GWB SOFFITS AND CEILINGS TO ENCLOSE ALL EXPOSED PLUMBING OFFSETS AS REQUIRED.
4. PROVIDE COMBINATION CARBON MONOXIDE/SMOKE DETECTORS AS PER NEW YORK BUILDING CODE.
5. PROVIDE DIMMERS OR BI-LEVEL LIGHTING TO COMPLY WITH ECC C405.2.1.2 IN THE FOLLOWING ROOMS: TENANT COMMUNITY ROOM, LAUNDRY, PLAY ROOM, FITNESS CENTER AND BICYCLE ROOM.
6. PROVIDE ONE OCCUPANCY SENSOR PER FLOOR TO AUTOMATICALLY REDUCE LIGHTING POWER IN STAIRWELLS BY AT LEAST 50% WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE STAIRWELL.
7. PROVIDE OCCUPANCY SENSORS TO COMPLY WITH ECC C405.2.2 IN THE FOLLOWING ROOMS: TENANT COMMUNITY ROOM, LAUNDRY, PLAY ROOM, FITNESS CENTER, PUBLIC RESTROOM, REFUSE ROOMS, JANITORS CLOSETS, OFFICE, STORAGE, BICYCLE ROOM AND UTILITY SPACES.PROVIDE AUTOMATIC MULTI-LEVEL PHOTOCONTROL FOR DAYLIGHT ZONES TO COMPLY WITH ECC C405.2.2.2. REFER TO LIGHTING SCHEDULE FOR EXTERIOR LIGHTING FIXTURE TYPES. ALL APARTMENT UNITS ARE EXEMPT PER ECC 405.1.
8. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PHOTOCELL DEVICES AND OCCUPANCY SENSOR DEVICES.
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12. COORDINATE WITH MECHANICAL DRAWINGS FOR CEILING REGISTERS, GRILLES AND DIFFUSERS.
13. PROVIDE MIN 8'-0" CEILING HEIGHT AT UNIT KITCHENS, WHICH ARE HABITABLE ROOMS.



C1 Level 10 Ceiling Plan - Part Plan B
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

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7	DAYLIGHT CONTROL SENSOR (CEILING MOUNTED) W/AUTO DIMMING: INDOOR LMLS-500 OPEN-LOOP DAYLIGHT SENSOR, UP TO 3-ZONE CONTROL, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
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- GWB CEILING HEIGHT AS NOTED

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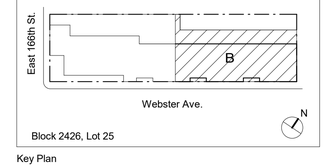
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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10th Floor Reflected Ceiling Plan - Part Plan B

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

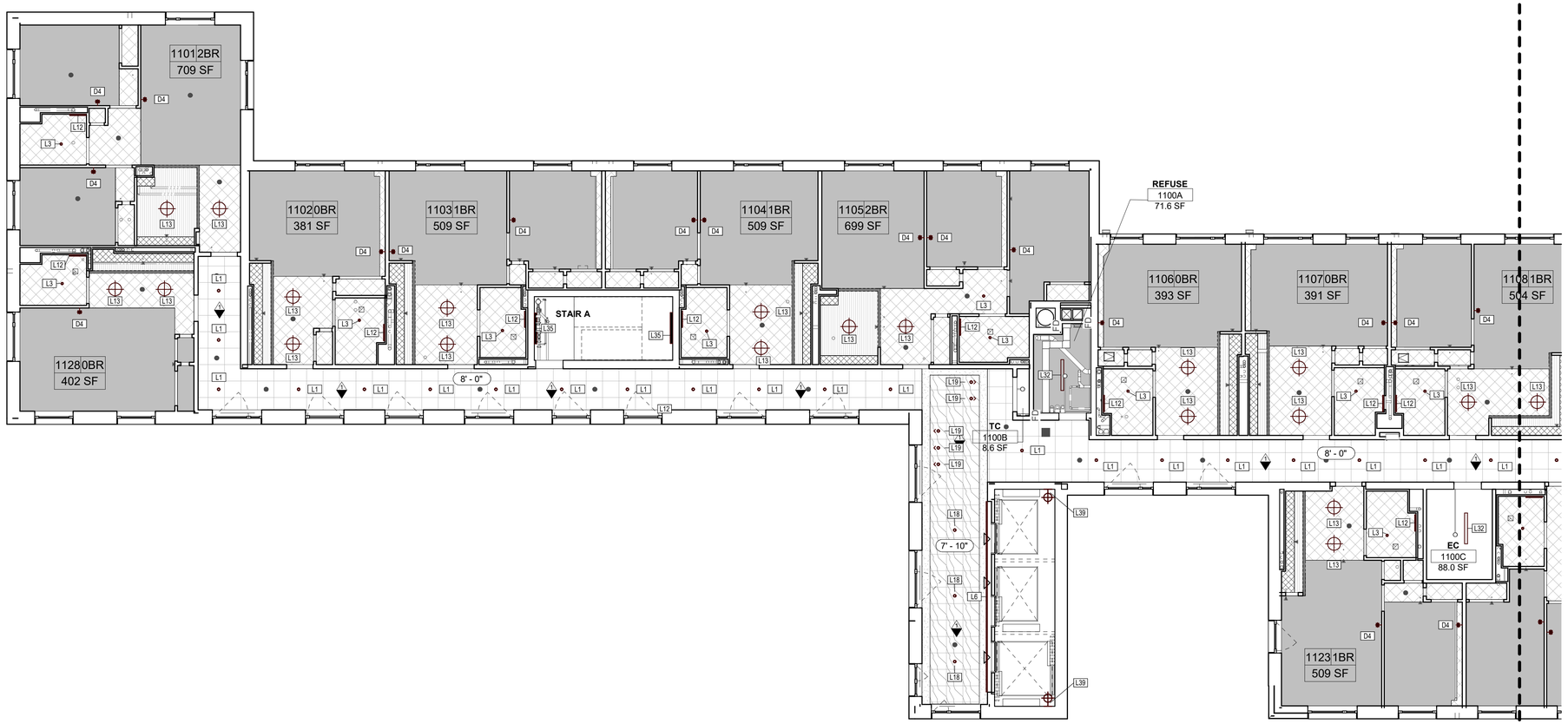
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Sheet No.: A-144.00

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NOTES:

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C1 Level 11 Ceiling Plan - Part Plan A
1/8" = 1'-0"

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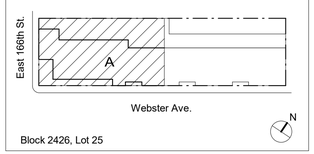
P4	Pricing Set	24-0830
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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11th Floor Reflected Ceiling Plan - Part Plan A

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231 Seal
Sheet No.:	A-145.00

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C1 Level 11 Ceiling Plan - Part Plan B
1/8" = 1'-0"

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7	DAYLIGHT CONTROL SENSOR (CEILING MOUNTED) W/AUTO DIMMING: INDOOR LMLS-500 OPEN-LOOP DAYLIGHT SENSOR, UP TO 3-ZONE CONTROL, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
8	OCCUPANCY SENSOR (CEILING MOUNTED): HIGH BAY / WET LOCATION, HB-3X0W SERIES (LOW VOLTAGE) RATED FOR OUTDOOR/WET LOCATIONS MOUNTING RANGE: 8-40 FT, (COORDINATE FINAL BZ-SERIES POWER PACK REQS) COORDINATE LENSE PURCHASE / INSTALLATION SEPARATELY, PROVIDE FOR GARAGE AREAS W/ OUTDOOR EXPOSURE

REFLECTED CEILING PLAN LEGEND

- COVERCOAT AND PAINTED CEILING FINISH ON EXPOSED UNDERSIDE OF PRECAST CONC.
- DROPPED ARCH
- GWB CEILING @ 10'-0" AFF
- GWB CEILING @ 9'-8" AFF
- GWB CEILING @ 9'-2" AFF
- GWB CEILING @ 8'-8" AFF
- GWB CEILING @ 8'-2" AFF
- GWB CEILING @ 7'-8" AFF
- GWB CEILING @ 7'-3" AFF
- GWB CEILING @ 7'-0" AFF
- ACT (2'x2') CEILING HEIGHT AS NOTED
- MTL PANEL (2'x2') CEILING HEIGHT AS NOTED
- GWB CEILING HEIGHT AS NOTED

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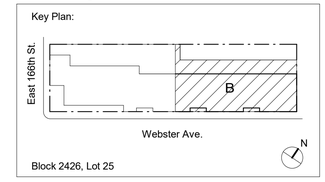
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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11th Floor Reflected Ceiling Plan - Part Plan B

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

Seal

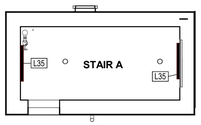
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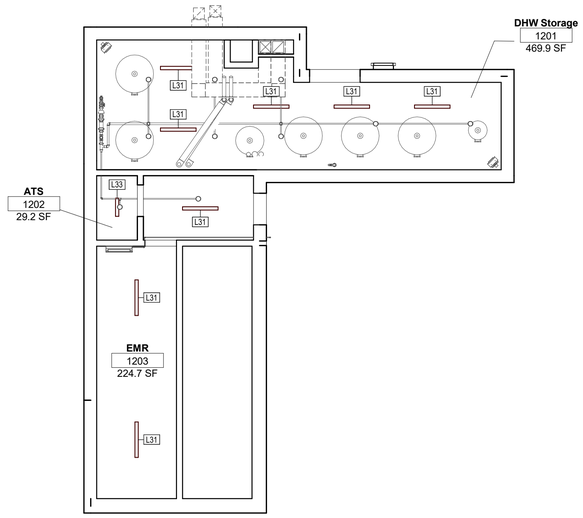
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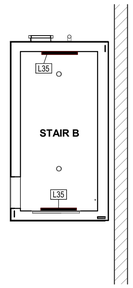
NOTES:

1. ALL FINISH CEILING HEIGHTS TO BE MEASURED FROM TOP OF FINISHED FLOOR, U.O.N.
2. HEIGHT FROM TOP OF SLAB TO THE UNDERSIDE OF SLAB ABOVE IS PRECEDED BY AN ELEVATION INDICATOR SYMBOL.
3. PROVIDE GWB SOFFITS AND CEILINGS TO ENCLOSE ALL EXPOSED PLUMBING OFFSETS AS REQUIRED.
4. PROVIDE COMBINATION CARBON MONOXIDE/SMOKE DETECTORS AS PER NEW YORK BUILDING CODE.
5. PROVIDE DIMMERS OR BI-LEVEL LIGHTING TO COMPLY WITH ECC C405.2.1.2 IN THE FOLLOWING ROOMS: TENANT COMMUNITY ROOM, LAUNDRY, PLAY ROOM, FITNESS CENTER AND BICYCLE ROOM.
6. PROVIDE ONE OCCUPANCY SENSOR PER FLOOR TO AUTOMATICALLY REDUCE LIGHTING POWER IN STAIRWELLS BY AT LEAST 50% WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE STAIRWELL.
7. PROVIDE OCCUPANCY SENSORS TO COMPLY WITH ECC C405.2.2 IN THE FOLLOWING ROOMS: TENANT COMMUNITY ROOM, LAUNDRY, PLAY ROOM, FITNESS CENTER, PUBLIC RESTROOM, REFUSE ROOMS, JANITORS CLOSETS, OFFICE, STORAGE, BICYCLE ROOM AND UTILITY SPACES.PROVIDE AUTOMATIC MULTI-LEVEL PHOTOCONTROL FOR DAYLIGHT ZONES TO COMPLY WITH ECC C405.2.2.2. REFER TO LIGHTING SCHEDULE FOR EXTERIOR LIGHTING FIXTURE TYPES. ALL APARTMENT UNITS ARE EXEMPT PER ECC 405.1.
8. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PHOTOCELL DEVICES AND OCCUPANCY SENSOR DEVICES.
9. ALL LIGHTING IN COMMON (NON-DWELLING UNIT) AREAS THAT IS NOT ON 24 HRS/DAY SHALL BE CONTROLLED BY OCCUPANCY SENSORS. REFER TO ELECTRICAL DRAWINGS FOR REQUIRED EMERGENCY LIGHTING.
10. REFER TO ELECTRICAL DRAWINGS FOR VISION AND HEARING DEVICES IN V/H APARTMENTS.
11. ANY SPRINKLER INFORMATION SHOWN ON THIS SHEET IS FOR REFERENCE ONLY, REFER TO SPRINKLER DRAWINGS FOR LAYOUT OF SPRINKLER HEADS.
12. COORDINATE WITH MECHANICAL DRAWINGS FOR CEILING REGISTERS, GRILLES AND DIFFUSERS.
13. PROVIDE MIN 8'-0" CEILING HEIGHT AT UNIT KITCHENS, WHICH ARE HABITABLE ROOMS.





1 Roof Ceiling Plan - Part Plan A
1/8" = 1'-0"



2 Roof Ceiling Plan - Part Plan B
1/8" = 1'-0"

LIGHTING CONTROLS SYMBOLS LIST

1	LOW VOLTAGE ANALOG OCCUPANCY SENSOR (CEILING MOUNTED): ULTRASONIC ONLY WT-2250 CEILING SENSOR, AUTOMATIC-ON / AUTOMATIC OFF FUNCTIONALITY, PROVIDED FOR FOR CORRIDOR AREAS
2	LOW VOLTAGE DAYLIGHT CONTROL SENSOR (CEILING MOUNTED), W/AUTO DIMMING: LS-301 DAYLIGHT SENSOR, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
3	VACANCY SENSOR/SWITCH (WALL MOUNTED): DUAL TECHNOLOGY - DSW-301 (LINE VOLTAGE), REFER TO DETILS FOR APPLICABLE OPTION. MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN SMALL OFFICE OR APPLICABLE SPACES INDICATED ON PLANS
5	LOW VOLTAGE ANALOG VACANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, DT-300 CEILING SENSOR, MANUAL-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN LARGE ENCLOSED AREAS AS INDICATED ON PLANS
6	OCCUPANCY SENSOR (CEILING MOUNTED): DUAL TECHNOLOGY, LMDC-100, DUAL CEILING SENSOR AUTOMATIC-ON / AUTOMATIC-OFF FUNCTIONALITY, PROVIDED IN OPEN AREAS AS INDICATED ON PLANS
7	DAYLIGHT CONTROL SENSOR (CEILING MOUNTED) W/AUTO DIMMING: INDOOR LMLS-500 OPEN-LOOP DAYLIGHT SENSOR, UP TO 3-ZONE CONTROL, PROVIDED NEAR WINDOWS OF APPLICABLE PERIMITER SPACES
8	OCCUPANCY SENSOR (CEILING MOUNTED): HIGH BAY / WET LOCATION, HB-3X0W SERIES (LOW VOLTAGE) RATED FOR OUTDOOR/WET LOCATIONS MOUNTING RANGE: 8-40 FT, (COORDINATE FINAL BZ-SERIES POWER PACK REQS) COORDINATE LENSE PURCHASE / INSTALLATION SEPARATELY, PROVIDE FOR GARAGE AREAS W/ OUTDOOR EXPOSURE

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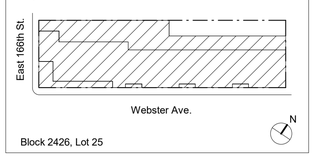
P4 Pricing Set 24-0830

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Bulkhead Reflected Ceiling Plan

Date	09/03/2024
Scale	1/8" = 1'-0"
Drawn By	PN
Checked By	RE/BG
Project No.	2231

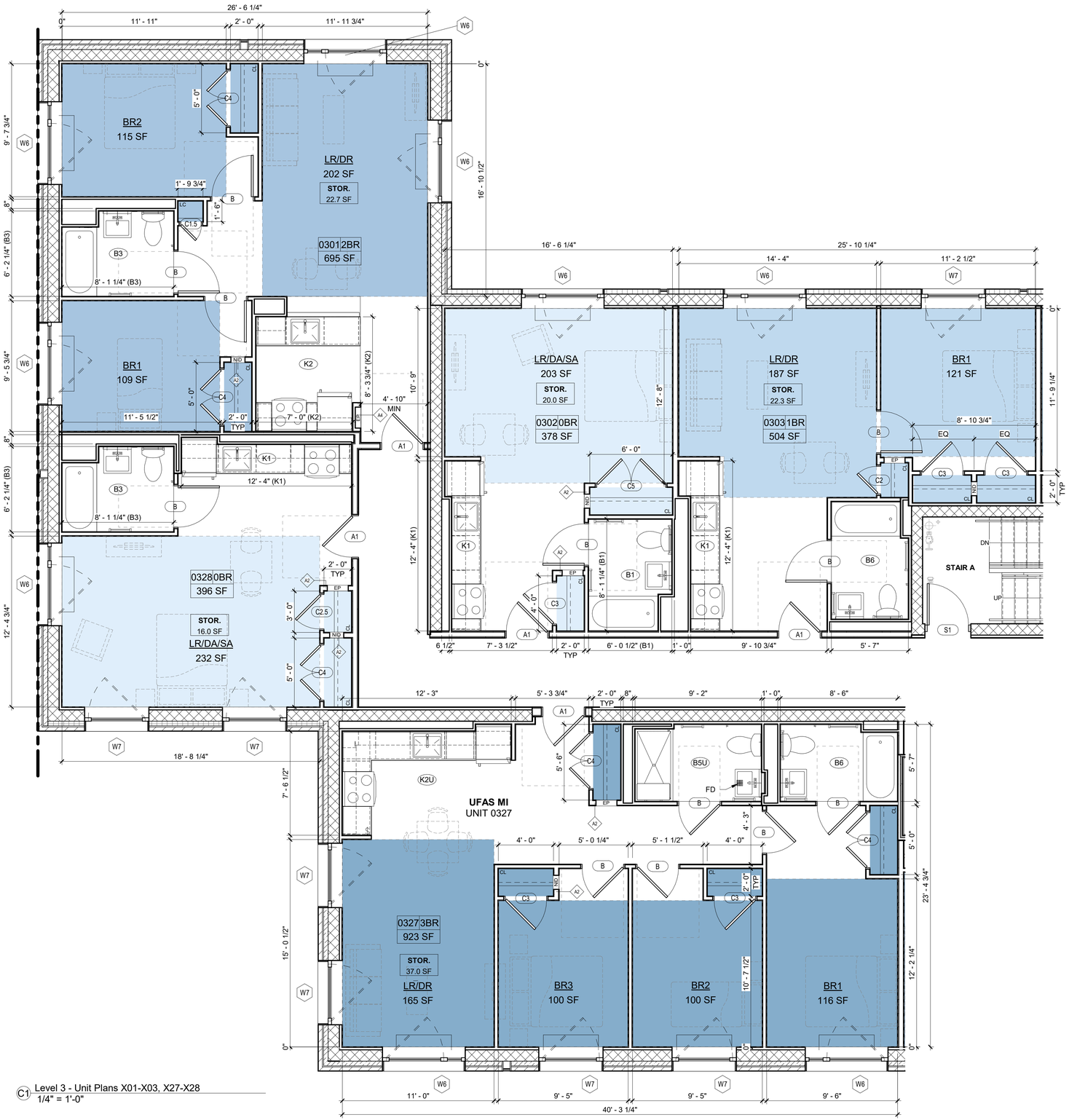
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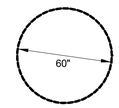
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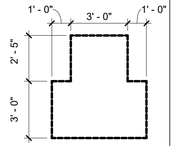
C1 Level 3 - Unit Plans X01-X03, X27-X28
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

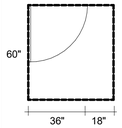
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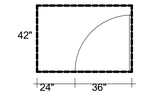
T-SHAPED TURNING SPACE



FRONT APPROACH - PULL SIDE



PARALLEL APPROACH



NOTE:
ALL EGRESS DOORS, APARTMENT ENTRY DOORS, BEDROOM DOORS, BATHROOM DOORS, AND WALK-IN CLOSETS ARE 36" WIDE WITH 33" CLEAR WIDTH OPENINGS.

NOTES:

1. CENTER CLOSET DOORS ON CLOSET UNLESS OTHERWISE NOTED.
2. REFER TO BATHROOM DETAIL PLANS (A-510-511) FOR DOOR LOCATION AT BATHROOMS.
3. ALL DOORS INCLUDING APARTMENT ENTRY DOORS, BATHROOM AND BEDROOM DOORS SHALL HAVE CLEARANCES ON THE PULL SIDE OF THE DOOR AS FOLLOWS:

FORWARD APPROACH

PULL SIDE

4. ALL DOORS SHALL BE INSTALLED AS FOLLOWS:

5. REFER TO A-601 FOR PARTITION TYPES. INTERIOR PARTITIONS @ APTS ARE TYPE A2 UNLESS OTHERWISE NOTED.
6. REFER TO A-500 / A-501 FOR KITCHENETTE PLANS & ELEVATIONS.
7. REFER TO A-510 / A-511 FOR BATHROOM PLANS & ELEVATIONS.
8. REFER TO A-912 FOR DOOR TYPES.
9. REFER TO A-700 FOR FINISH SCHEDULE.
10. APARTMENT ROOM AND STORAGE AREAS INDICATED IN COLOR BY NO. OF BEDROOM IN CONFORMANCE WITH HPD DESIGN GUIDELINES:

- 0 BR
- 1 BR
- 2 BR
- 3 BR

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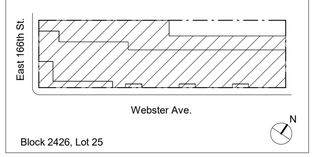
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Unit Plans - FL02-FL07 - xx01-xx03, xx27 - xx28

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

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Sheet No.:

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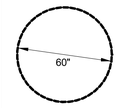
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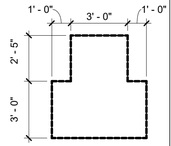
C1 Level 3 - Unit Plans X04-X05, X25-X26
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

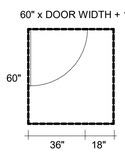
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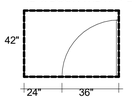
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FRONT APPROACH - PULL SIDE



PARALLEL APPROACH



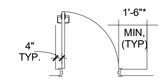
NOTE:
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NOTES:

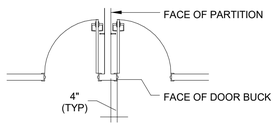
1. CENTER CLOSET DOORS ON CLOSET UNLESS OTHERWISE NOTED.
2. REFER TO BATHROOM DETAIL PLANS (A-510-511) FOR DOOR LOCATION AT BATHROOMS.
3. ALL DOORS INCLUDING APARTMENT ENTRY DOORS, BATHROOM AND BEDROOM DOORS SHALL HAVE CLEARANCES ON THE PULL SIDE OF THE DOOR AS FOLLOWS:

FORWARD APPROACH

PULL SIDE



4. ALL DOORS SHALL BE INSTALLED AS FOLLOWS:



5. REFER TO A-601 FOR PARTITION TYPES. INTERIOR PARTITIONS @ APTS ARE TYPE A2 UNLESS OTHERWISE NOTED.
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0 BR
1 BR
2 BR
3 BR

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Sustainability Consultant
Ettinger Engineering Associates
505 8th Ave. 24th Fl.
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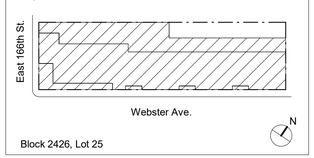
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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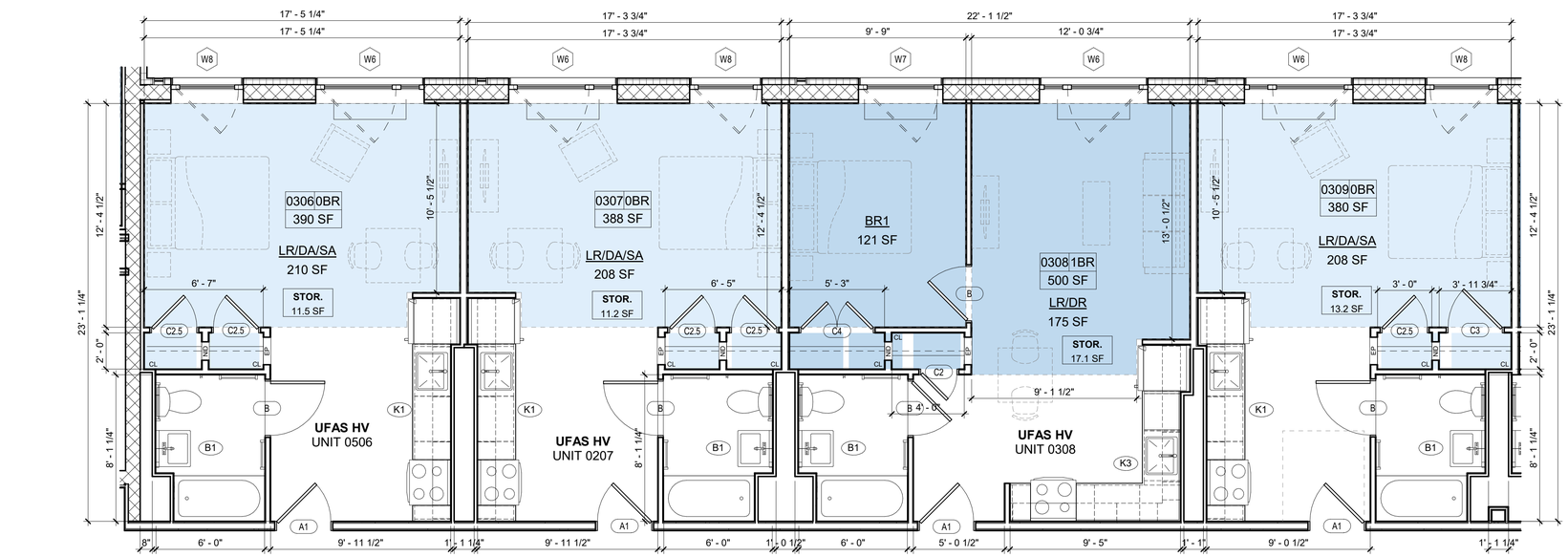
Unit Plans - FL02-FL07 - xx04-xx05, xx25-xx26

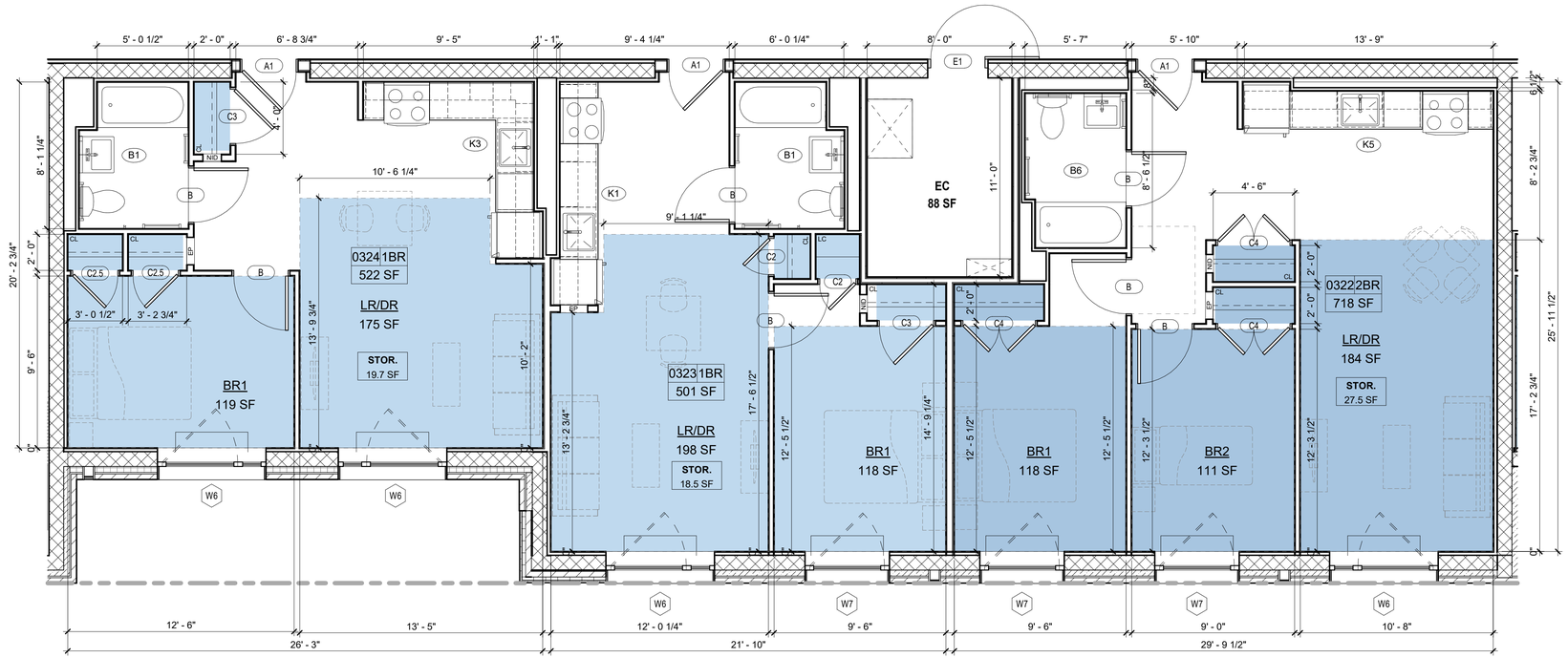
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Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

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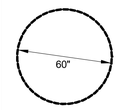




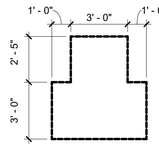
C1 Level 3 - Unit Plans X06-X09, X22-X24
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

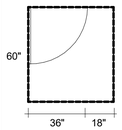
5'-0" TURNING RADIUS



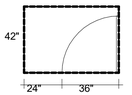
T-SHAPED TURNING SPACE



FRONT APPROACH - PULL SIDE



PARALLEL APPROACH



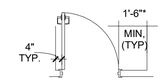
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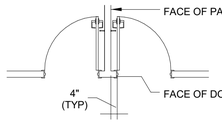
FORWARD APPROACH

PULL SIDE



*DOOR SWING TO FACE OF PARTITION

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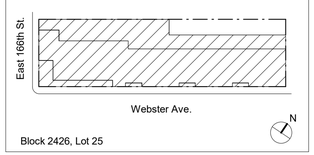
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Unit Plans - FL02-FL07 - xx06-xx09, xx22-xx24

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Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

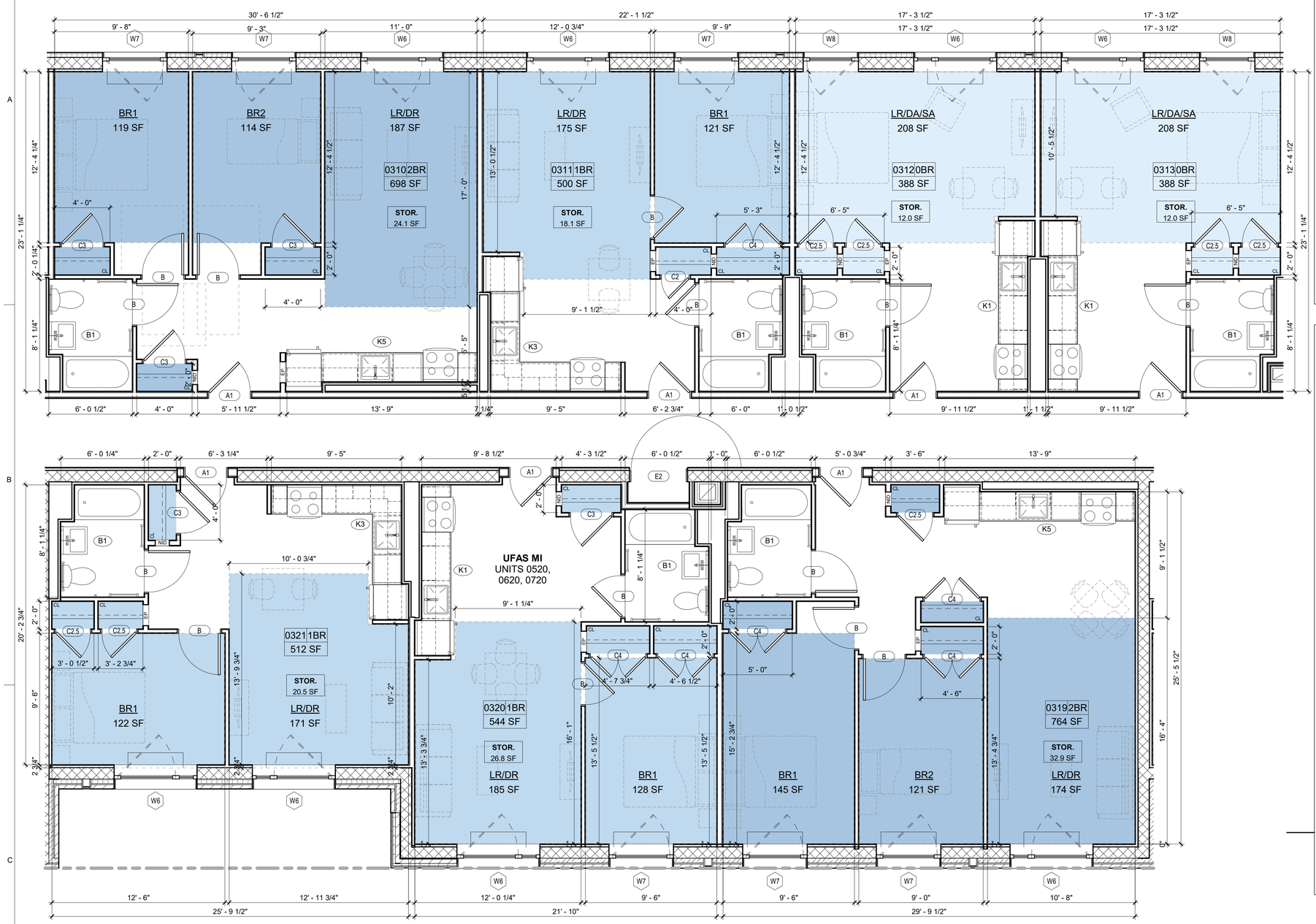
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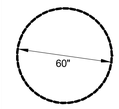
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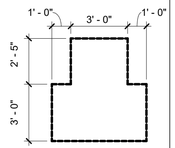
C1 Level 3 - Unit Plans X10-X13, X19-X21
1/4" = 1'-0"

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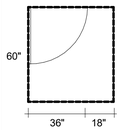
5'-0" TURNING RADIUS



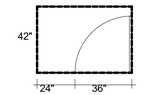
T-SHAPED TURNING SPACE



FRONT APPROACH - PULL SIDE



PARALLEL APPROACH



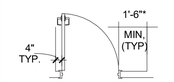
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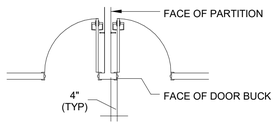
FORWARD APPROACH

PULL SIDE



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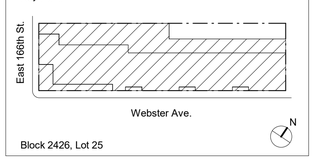
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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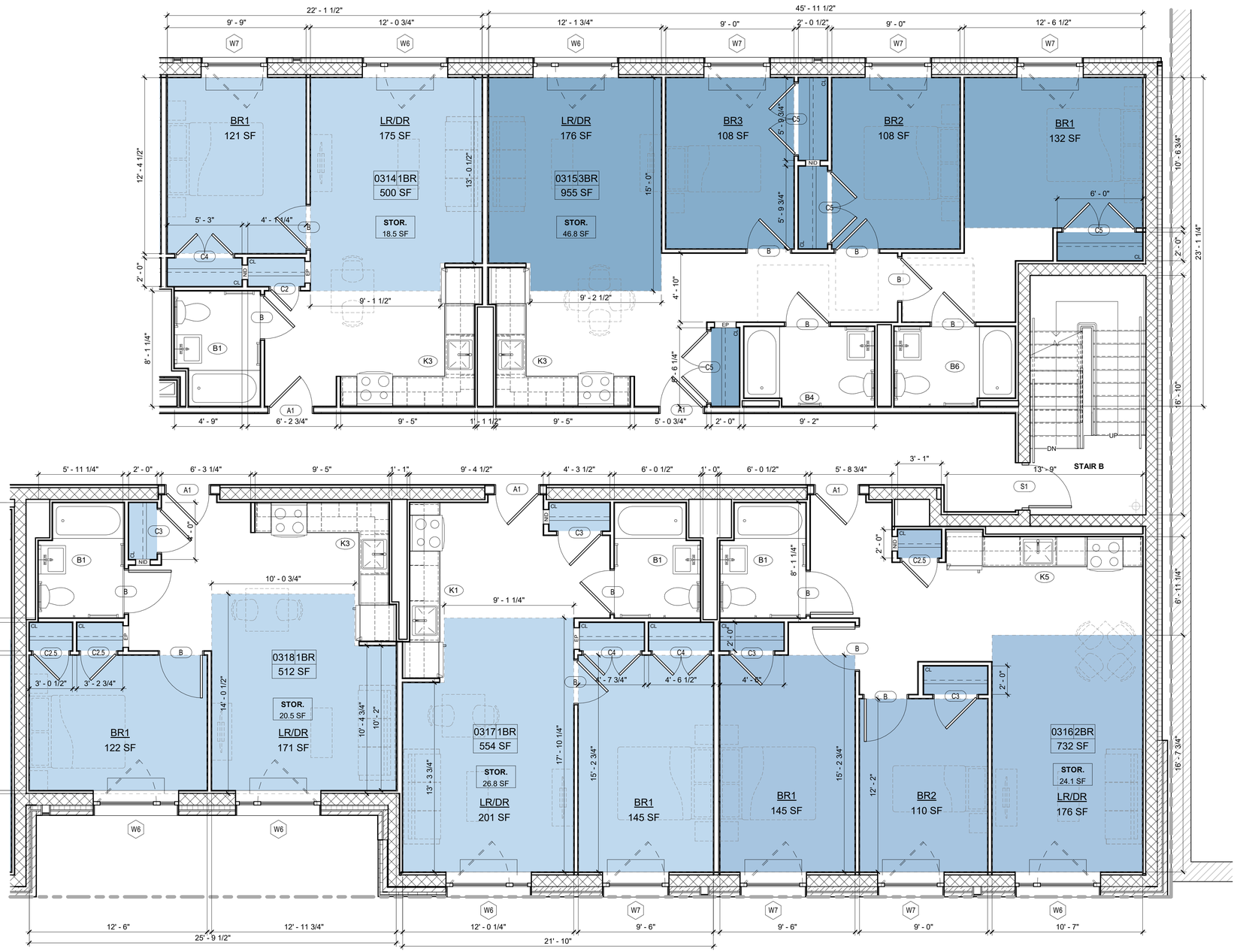
Unit Plans - FL02-FL07 - xx10-xx13, xx19-xx21

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Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

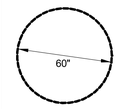
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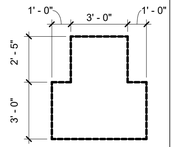
C1 Level 3 - Unit Plans X14-X18
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

5'-0" TURNING RADIUS

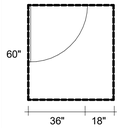


T-SHAPED TURNING SPACE



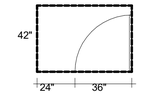
FRONT APPROACH - PULL SIDE

60" x DOOR WIDTH + 18"



PARALLEL APPROACH

42" x DOOR WIDTH + 24"



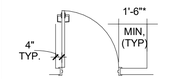
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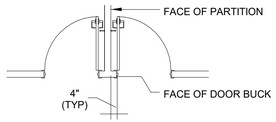
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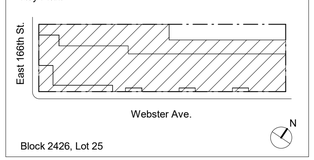
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

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Unit Plans - FL02-FL07 - xx14-xx18

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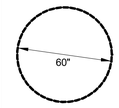
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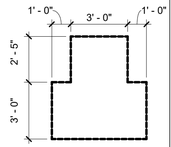
C1 Level 8 - Unit Plans X01-X05, X25-X28
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

5'-0" TURNING RADIUS

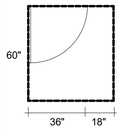


T-SHAPED TURNING SPACE



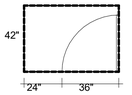
FRONT APPROACH - PULL SIDE

60" x DOOR WIDTH + 18"



PARALLEL APPROACH

42" x DOOR WIDTH + 24"



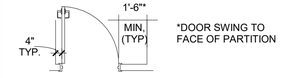
NOTE:
ALL EGRESS DOORS, APARTMENT ENTRY DOORS, BEDROOM DOORS, BATHROOM DOORS, AND WALK-IN CLOSETS ARE 36" WIDE WITH 33" CLEAR WIDTH OPENINGS.

NOTES:

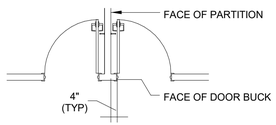
1. CENTER CLOSET DOORS ON CLOSET UNLESS OTHERWISE NOTED.
2. REFER TO BATHROOM DETAIL PLANS (A-510-511) FOR DOOR LOCATION AT BATHROOMS.
3. ALL DOORS INCLUDING APARTMENT ENTRY DOORS, BATHROOM AND BEDROOM DOORS SHALL HAVE CLEARANCES ON THE PULL SIDE OF THE DOOR AS FOLLOWS:

FORWARD APPROACH

PULL SIDE



4. ALL DOORS SHALL BE INSTALLED AS FOLLOWS:



5. REFER TO A-601 FOR PARTITION TYPES. INTERIOR PARTITIONS @ APTS ARE TYPE A2 UNLESS OTHERWISE NOTED.
6. REFER TO A-500 / A-501 FOR KITCHENETTE PLANS & ELEVATIONS.
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9. REFER TO A-700 FOR FINISH SCHEDULE.
10. APARTMENT ROOM AND STORAGE AREAS INDICATED IN COLOR BY NO. OF BEDROOM IN CONFORMANCE WITH HPD DESIGN GUIDELINES:

- 0 BR
- 1 BR
- 2 BR
- 3 BR

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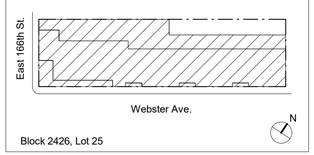
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Unit Plans - FL08-FL11 - xx01-xx03, xx27-xx28

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

A-156.00

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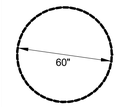
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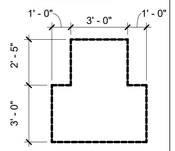
1C Level 8 - Unit Plans X04-X05, X25-X26
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

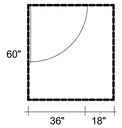
5'-0" TURNING RADIUS



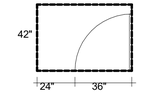
T-SHAPED TURNING SPACE



FRONT APPROACH - PULL SIDE



PARALLEL APPROACH



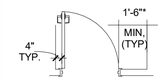
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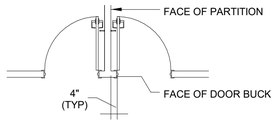
FORWARD APPROACH

PULL SIDE



*DOOR SWING TO FACE OF PARTITION

4. ALL DOORS SHALL BE INSTALLED AS FOLLOWS:



5. REFER TO A-601 FOR PARTITION TYPES. INTERIOR PARTITIONS @ APTS ARE TYPE A2 UNLESS OTHERWISE NOTED.
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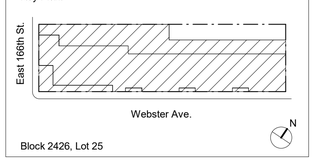
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Unit Plans - FL08-FL11 - xx04-xx05, xx25-xx26

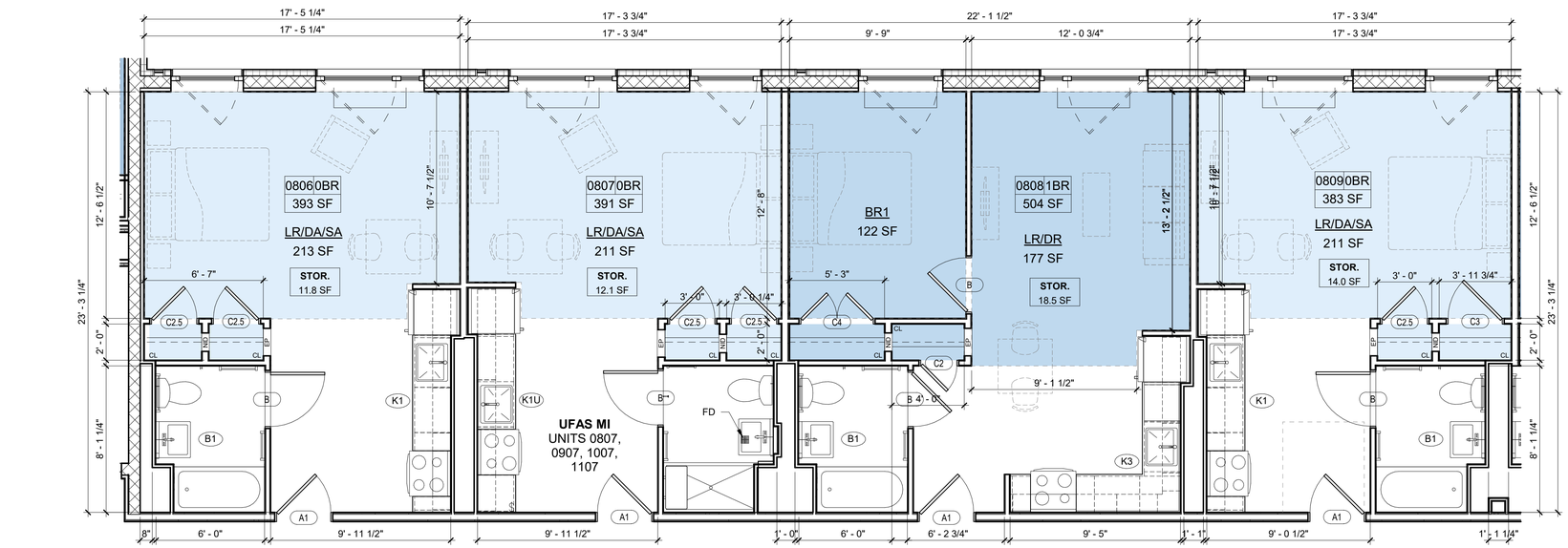
Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231 Seal

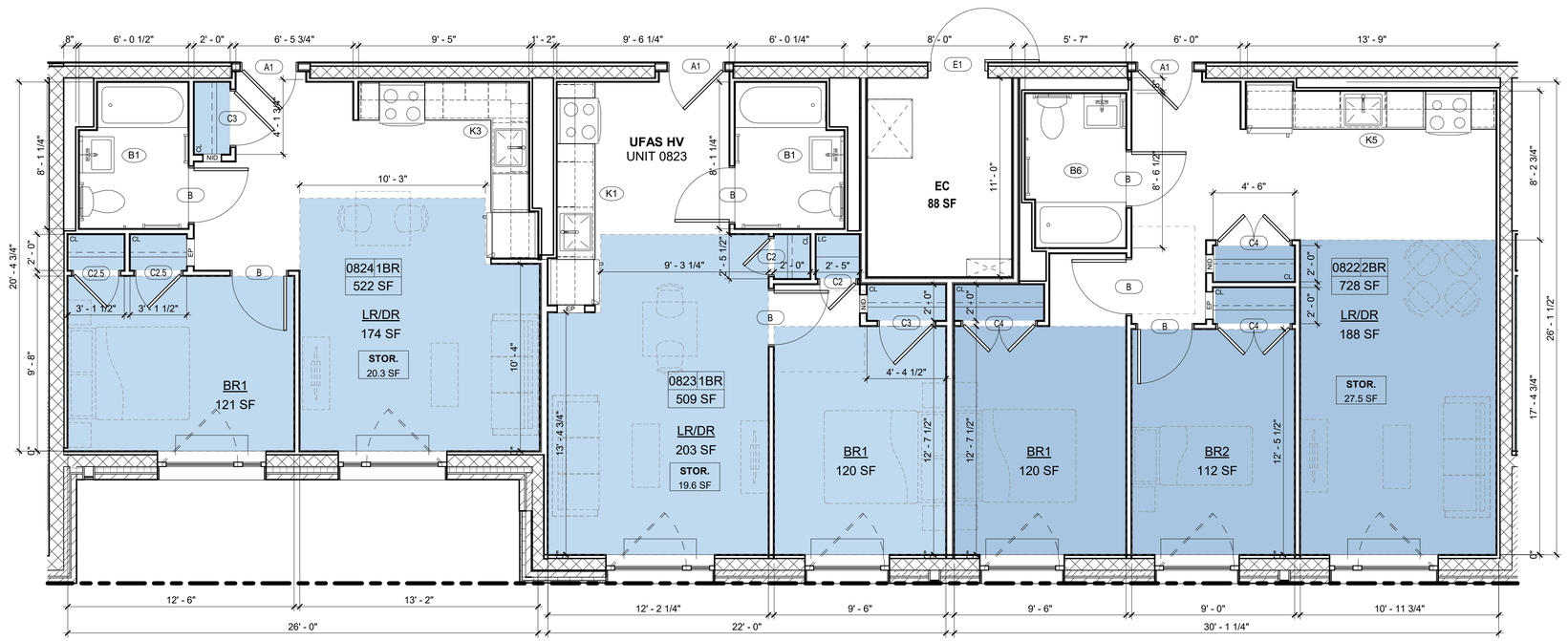
Sheet No.:

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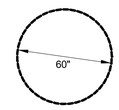




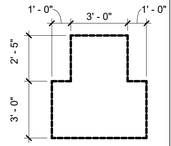
1C Level 8 - Unit Plans X06-X09, X22-X24
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

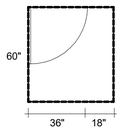
5'-0" TURNING RADIUS



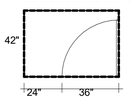
T-SHAPED TURNING SPACE



FRONT APPROACH - PULL SIDE



PARALLEL APPROACH



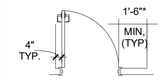
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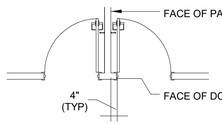
FORWARD APPROACH

PULL SIDE



*DOOR SWING TO FACE OF PARTITION

4. ALL DOORS SHALL BE INSTALLED AS FOLLOWS:



5. REFER TO A-601 FOR PARTITION TYPES. INTERIOR PARTITIONS @ APTS ARE TYPE A2 UNLESS OTHERWISE NOTED.
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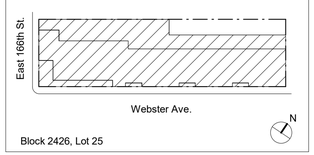
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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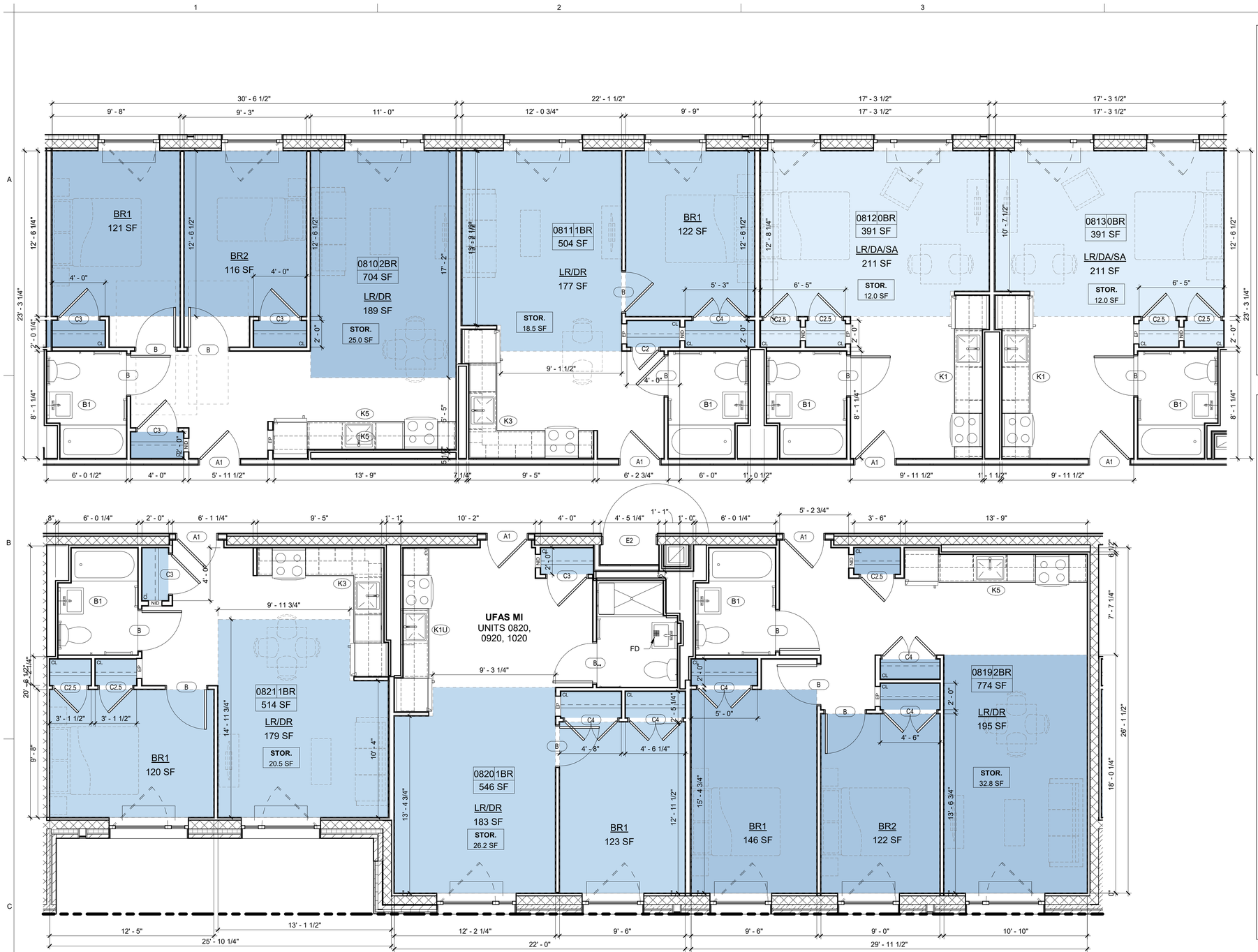
Unit Plans - FL08-FL11 - xx06-xx09, xx22-xx24

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

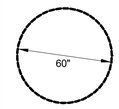
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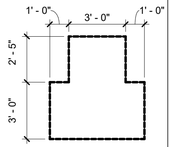
C1 Level 8 - Unit Plans X10-X13, X19-X21
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

5'-0" TURNING RADIUS

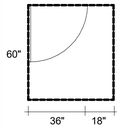


T-SHAPED TURNING SPACE



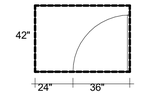
FRONT APPROACH - PULL SIDE

60" x DOOR WIDTH + 18"



PARALLEL APPROACH

42" x DOOR WIDTH + 24"



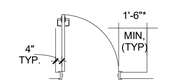
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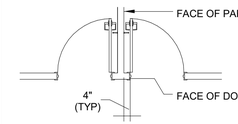
FORWARD APPROACH

PULL SIDE



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10. APARTMENT ROOM AND STORAGE AREAS INDICATED IN COLOR BY NO. OF BEDROOM IN CONFORMANCE WITH HPD DESIGN GUIDELINES:

0 BR
1 BR
2 BR
3 BR

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New York, NY 10016

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New York, NY 10018

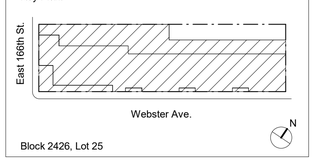
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Block 2426, Lot 25

Key Plan

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Unit Plans - FL08-FL11 - xx10-xx13, xx19-xx21

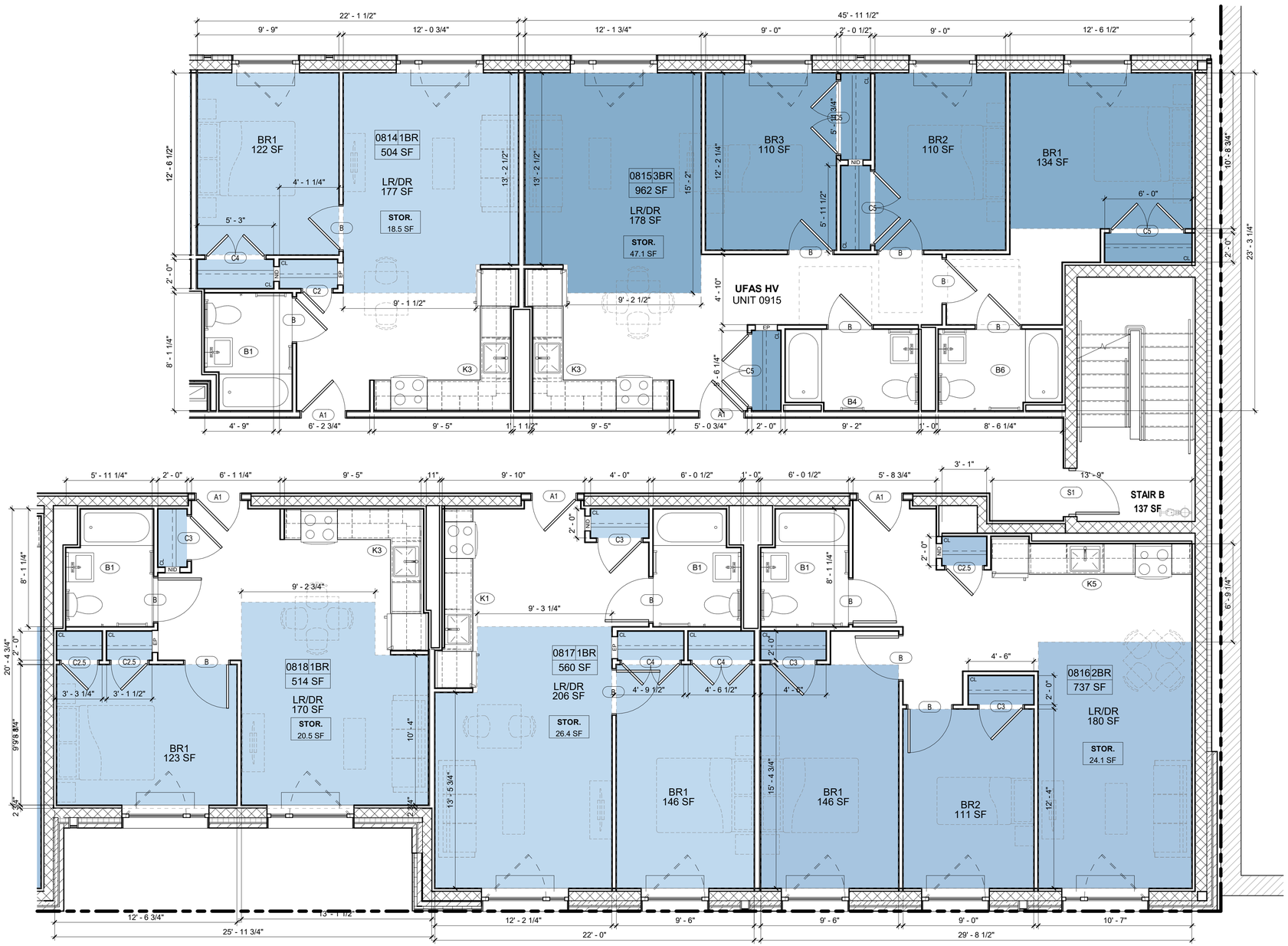
Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231 Seal
Sheet No.:	A-159.00

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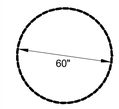
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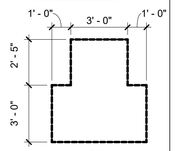
C1 Level 8 - Unit Plans X14-X18
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

5'-0" TURNING RADIUS

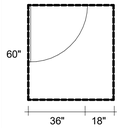


T-SHAPED TURNING SPACE



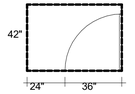
FRONT APPROACH - PULL SIDE

60" x DOOR WIDTH + 18"



PARALLEL APPROACH

42" x DOOR WIDTH + 24"



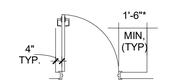
NOTE:
ALL EGRESS DOORS, APARTMENT ENTRY DOORS, BEDROOM DOORS, BATHROOM DOORS, AND WALK-IN CLOSETS ARE 36" WIDE WITH 33" CLEAR WIDTH OPENINGS.

NOTES:

1. CENTER CLOSET DOORS ON CLOSET UNLESS OTHERWISE NOTED.
2. REFER TO BATHROOM DETAIL PLANS (A-510-511) FOR DOOR LOCATION AT BATHROOMS.
3. ALL DOORS INCLUDING APARTMENT ENTRY DOORS, BATHROOM AND BEDROOM DOORS SHALL HAVE CLEARANCES ON THE PULL SIDE OF THE DOOR AS FOLLOWS:

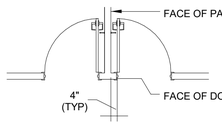
FORWARD APPROACH

PULL SIDE



*DOOR SWING TO FACE OF PARTITION

4. ALL DOORS SHALL BE INSTALLED AS FOLLOWS:



5. REFER TO A-601 FOR PARTITION TYPES. INTERIOR PARTITIONS @ APTS ARE TYPE A2 UNLESS OTHERWISE NOTED.
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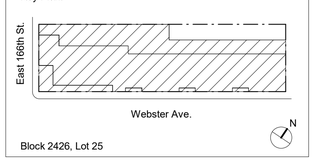
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

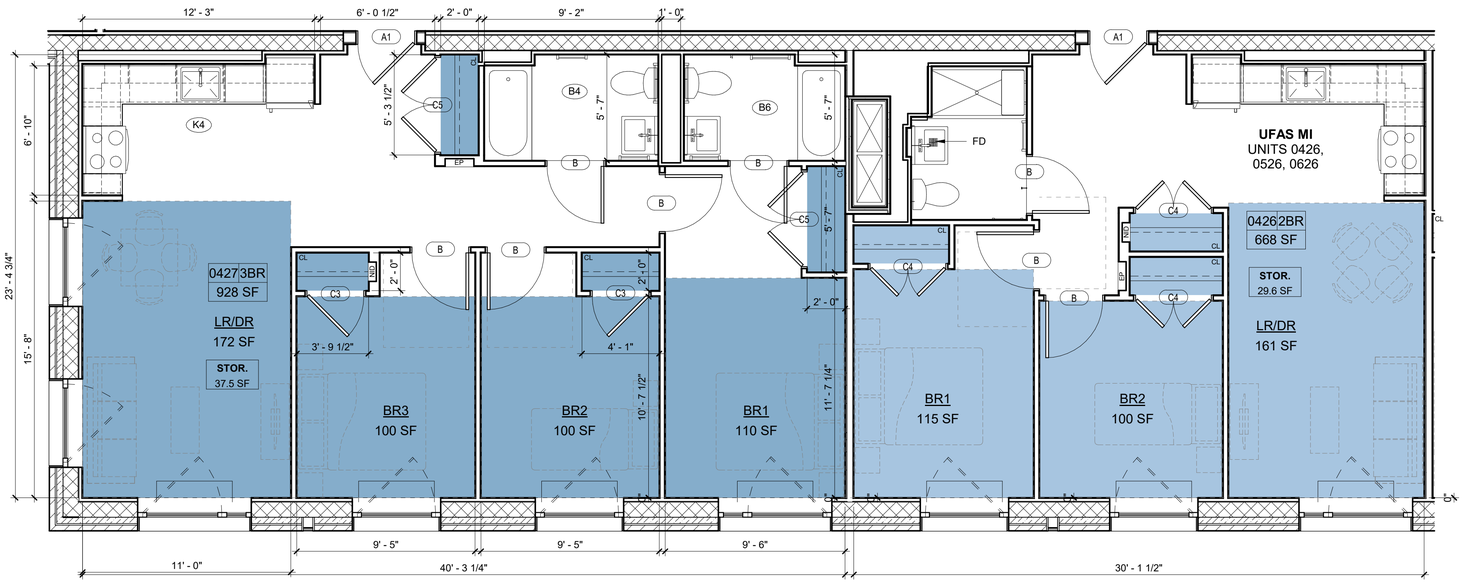
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Unit Plans - FL08-FL11 - xx14-xx18

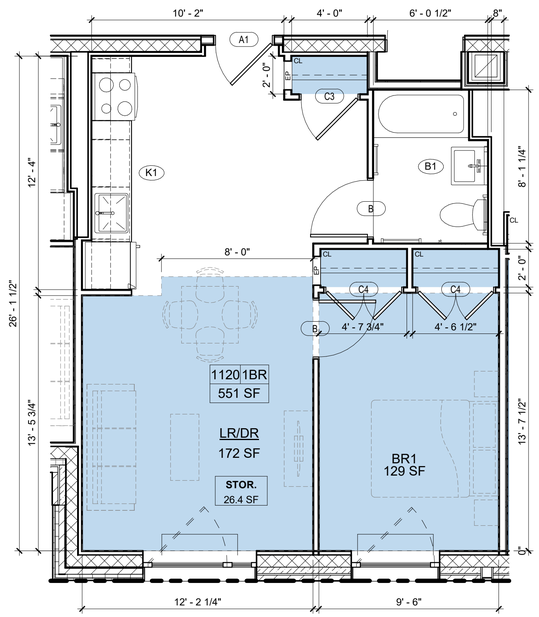
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Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231 Seal

Sheet No.:

A-160.00



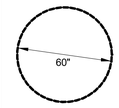
B1 Unit X26-X27 - Floors 4-7
1/4" = 1'-0"



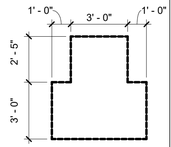
C1 FL11 - UNIT 1120
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

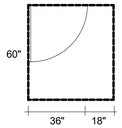
5'-0" TURNING RADIUS



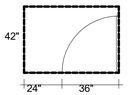
T-SHAPED TURNING SPACE



FRONT APPROACH - PULL SIDE



PARALLEL APPROACH



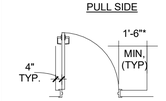
NOTE:
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NOTES:

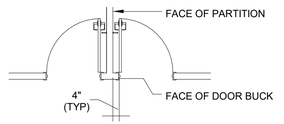
1. CENTER CLOSET DOORS ON CLOSET UNLESS OTHERWISE NOTED.
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3. ALL DOORS INCLUDING APARTMENT ENTRY DOORS, BATHROOM AND BEDROOM DOORS SHALL HAVE CLEARANCES ON THE PULL SIDE OF THE DOOR AS FOLLOWS:

FORWARD APPROACH

PULL SIDE



4. ALL DOORS SHALL BE INSTALLED AS FOLLOWS:



5. REFER TO A-601 FOR PARTITION TYPES. INTERIOR PARTITIONS @ APTS ARE TYPE A2 UNLESS OTHERWISE NOTED.
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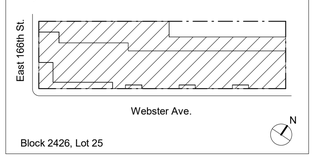
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Unit Plans - Misc. Units

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

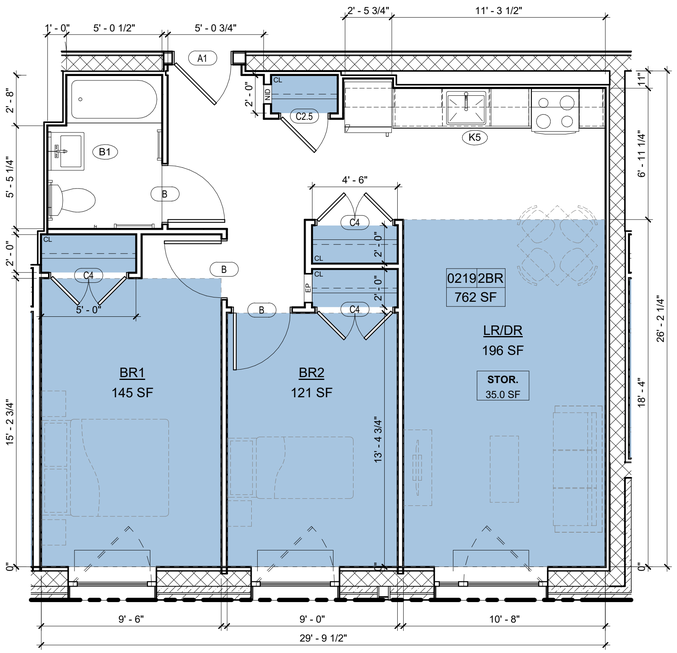
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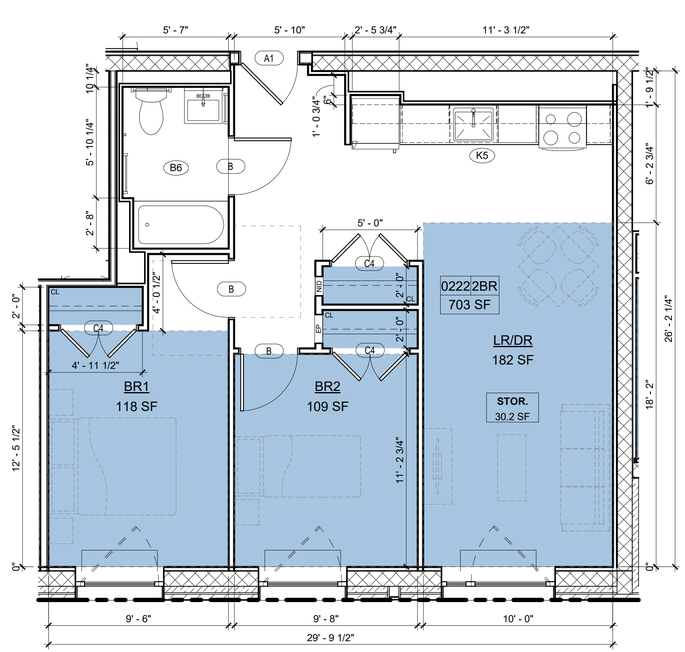
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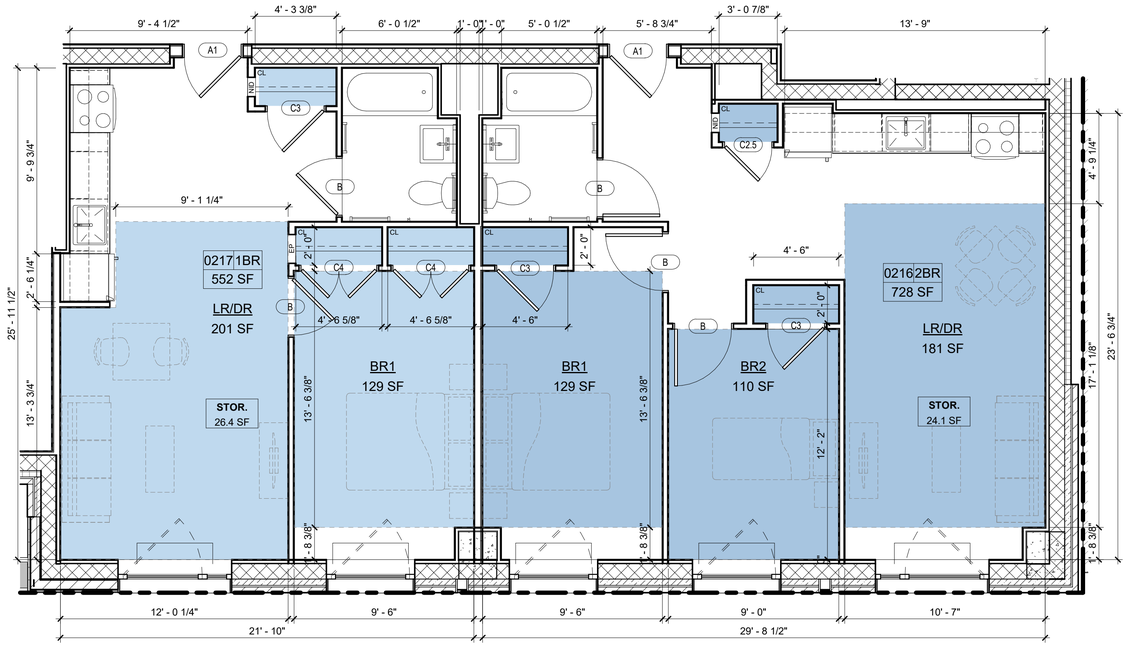
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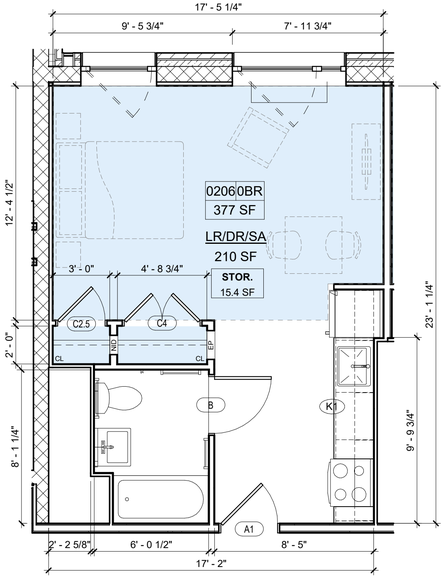
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1/4" = 1'-0"



B2 Level 2 - Unit Plan 0222
1/4" = 1'-0"



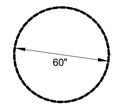
C1 Level 2 - Unit Plan 0216-0217
1/4" = 1'-0"



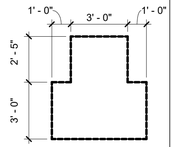
C3 Level 2 - Unit Plan 0206
1/4" = 1'-0"

TYPICAL CLEAR AREAS:

5'-0" TURNING RADIUS

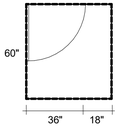


T-SHAPED TURNING SPACE



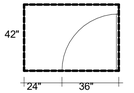
FRONT APPROACH - PULL SIDE

60" x DOOR WIDTH + 18"



PARALLEL APPROACH

42" x DOOR WIDTH + 24"



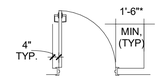
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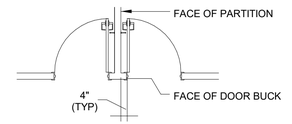
FORWARD APPROACH

PULL SIDE



*DOOR SWING TO FACE OF PARTITION

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Ettinger Engineering Associates
505 8th Ave. 24th Fl.
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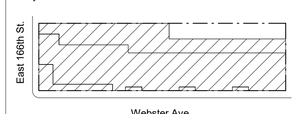
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Unit Plans - Misc. Units

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

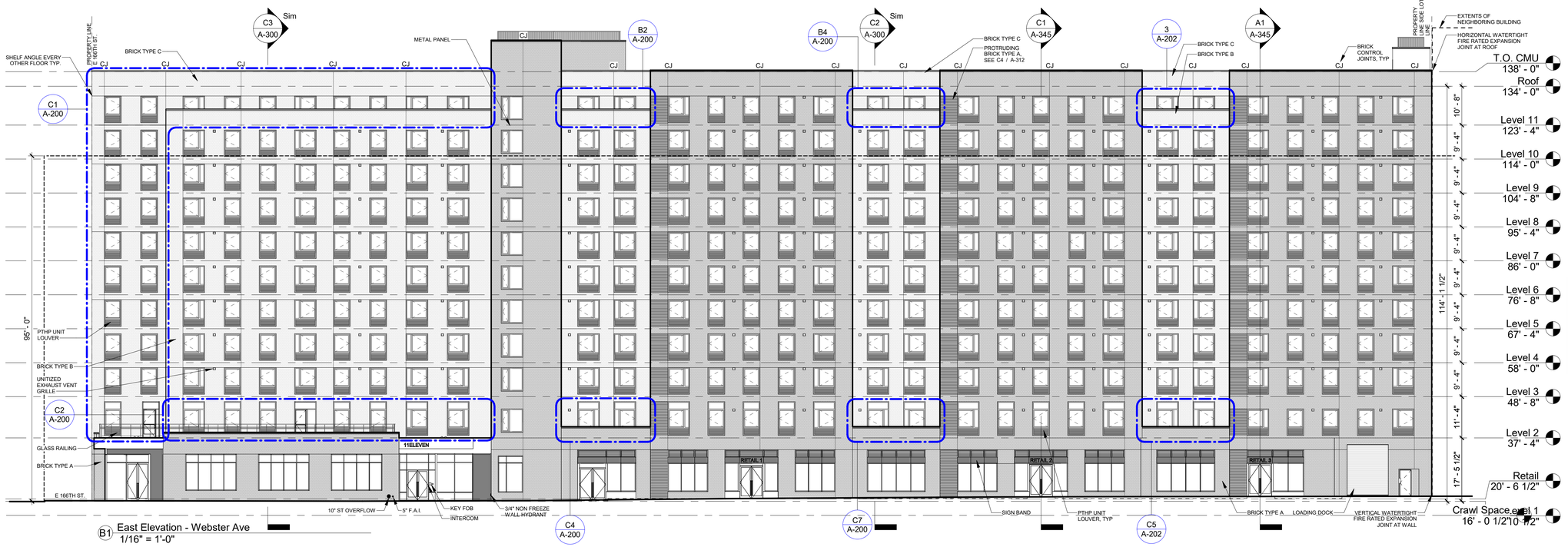
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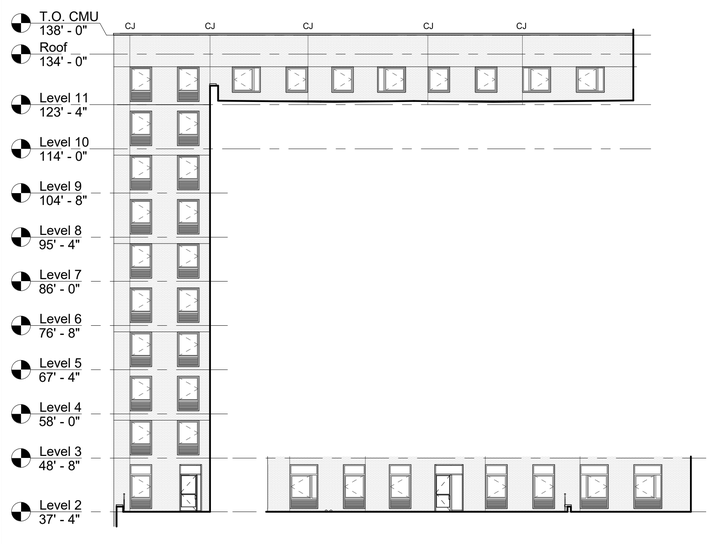
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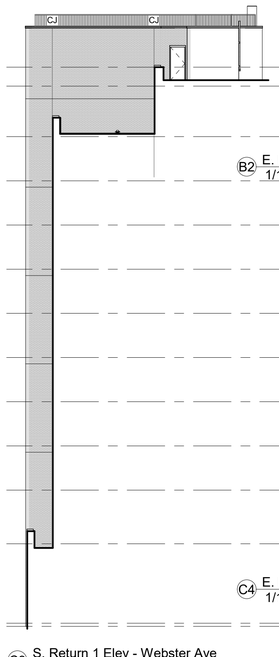


B1 East Elevation - Webster Ave
1/16" = 1'-0"

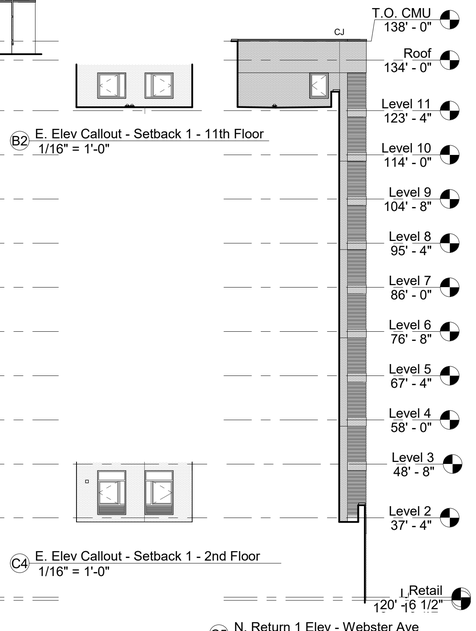


C1 E. Elev Callout - South Setback
1/16" = 1'-0"

C2 E. Elev Callout - South Setback - 2nd Floor
1/16" = 1'-0"



C3 S. Return 1 Elev - Webster Ave
1/16" = 1'-0"



B2 E. Elev Callout - Setback 1 - 11th Floor
1/16" = 1'-0"

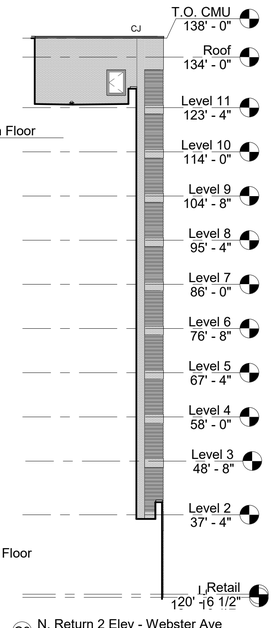
C4 E. Elev Callout - Setback 1 - 2nd Floor
1/16" = 1'-0"

C5 N. Return 1 Elev - Webster Ave
1/16" = 1'-0"

C6 S. Return 2 Elev - Webster Ave
1/16" = 1'-0"

B4 E. Elev Callout - Setback 2 - 11th Floor
1/16" = 1'-0"

C7 E. Elev Callout - Setback 2 - 2nd Floor
1/16" = 1'-0"



C8 N. Return 2 Elev - Webster Ave
1/16" = 1'-0"

ELEVATION NOTES:

1. ELEVATION LEVELS ARE BASED ON NAVD88 UNLESS OTHERWISE NOTED.

2. ELEVATION LEVELS ARE SHOWN TO TOP OF STRUCTURAL SLAB UNLESS OTHERWISE NOTED.

3. LOCAL LAW 15 OF 2020 COMPLIANCE: ALL EXTERIOR MATERIALS AND GLAZING HAVE BEEN EVALUATED FOR COMPLIANCE WITH SECTION BC 1403.8. WHERE EXTERIOR WALL ENVELOPE, BIRD HAZARD INSTALATIONS, FLY-THROUGH CONDITIONS, OR ADJACENCIES TO GREEN ROOFS ARE PRESENT IN THE DESIGN, BIRD FRIENDLY MATERIALS WITH A THREAT FACTOR RATING OF 25 OR LESS HAVE BEEN SPECIFIED.

CONCRETE
CMU
PROTRUDING BRICK ALTERNATING ROWS TYPE A
BRICK TYPE C
EIFS
BRICK TYPE A
BRICK TYPE B
SHELF ANGLE
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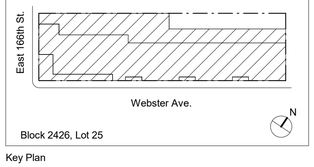
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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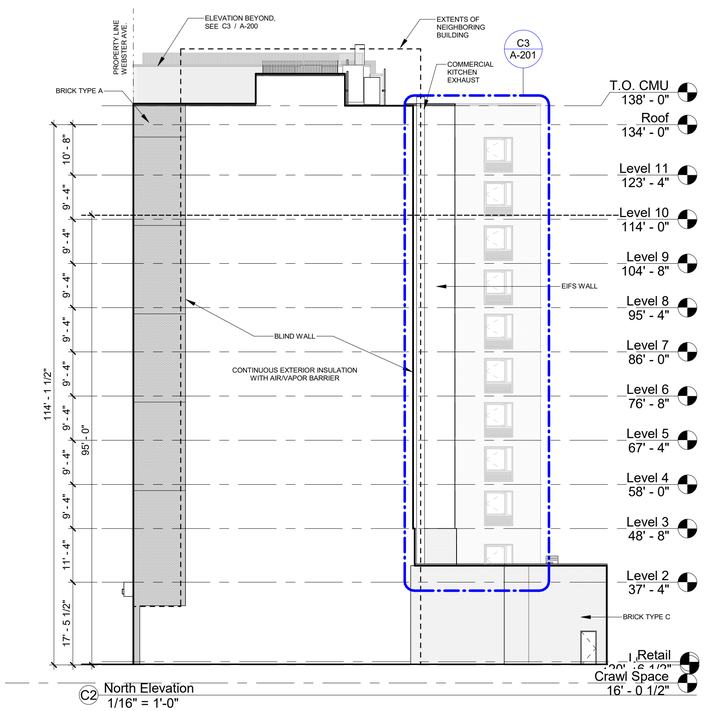
Building Elevations - East

Date	12/01/23
Scale	As indicated
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231 Seal
Sheet No.:	A-200.00

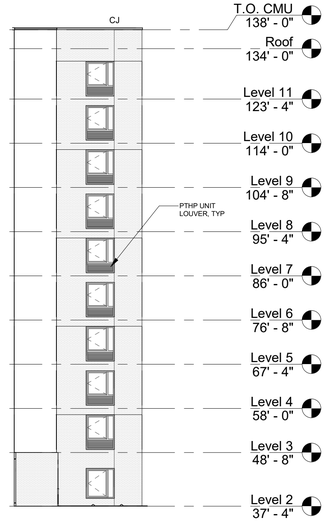


A1 West Elevation
1/16" = 1'-0"

B1 West Elevation Callout - 2nd Floor
1/16" = 1'-0"



C2 North Elevation
1/16" = 1'-0"



C3 North Elevation Callout - North Setback
1/16" = 1'-0"

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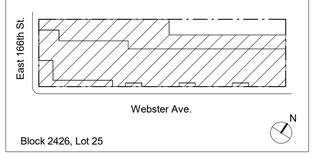
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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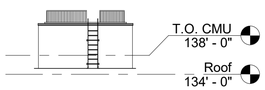
Building Elevations - North and West

Date	12/01/23
Scale	As indicated
Drawn By	DK
Checked By	RE/BG
Project No.	2231

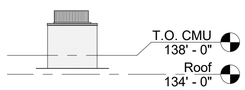
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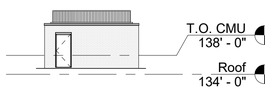
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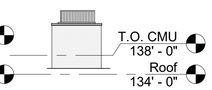
A2 Stair A Bulkhead - W. Elevation
1/16" = 1'-0"



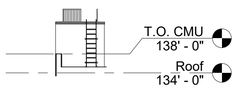
A3 Stair A Bulkhead - S. Elevation
1/16" = 1'-0"



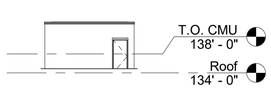
A4 Stair A Bulkhead - E. Elevation
1/16" = 1'-0"



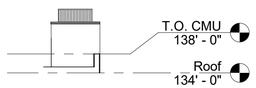
A5 Stair A Bulkhead - N. Elevation
1/16" = 1'-0"



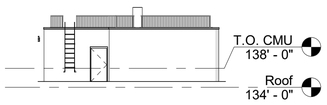
B1 Stair B Bulkhead - W. Elevation
1/16" = 1'-0"



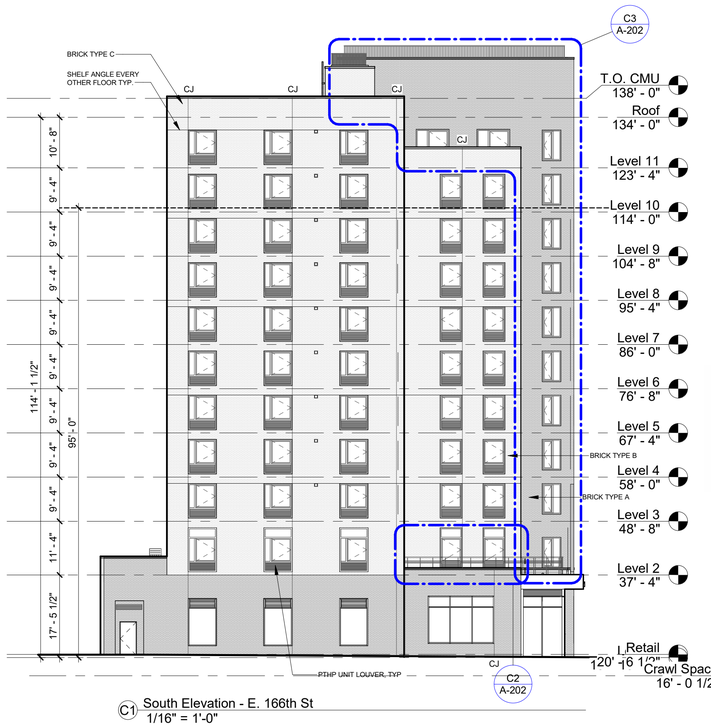
B2 Stair B Bulkhead - S. Elevation
1/16" = 1'-0"



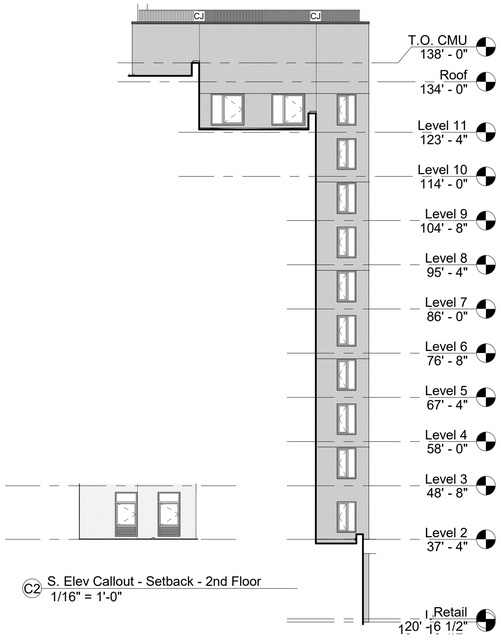
B3 Stair B Bulkhead - E. Elevation
1/16" = 1'-0"



A1 Main Bulkhead - West Elevation
1/16" = 1'-0"

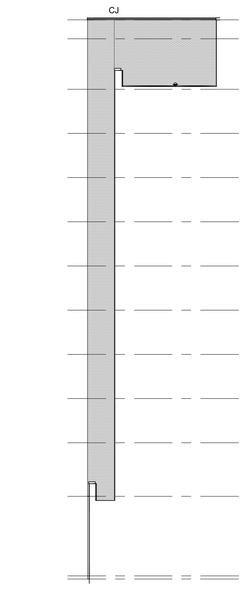


C1 South Elevation - E. 166th St
1/16" = 1'-0"



C2 S. Elev Callout - Setback - 2nd Floor
1/16" = 1'-0"

C3 S. Elev Callout - Setback
1/16" = 1'-0"

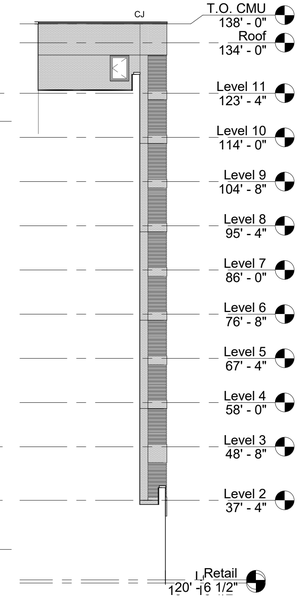


C4 S. Return 3 Elev - Webster Ave
1/16" = 1'-0"



C5 E. Elev Callout - Setback 3 - 2nd Floor
1/16" = 1'-0"

E. Elev Callout - Setback 3 - 11th Floor
1/16" = 1'-0"



C6 N. Return 3 Elev - Webster Ave
1/16" = 1'-0"

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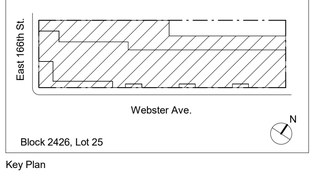
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
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P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Building Elevations - South and Bulkhead

Date	12/01/23
Scale	1/16" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

3 of

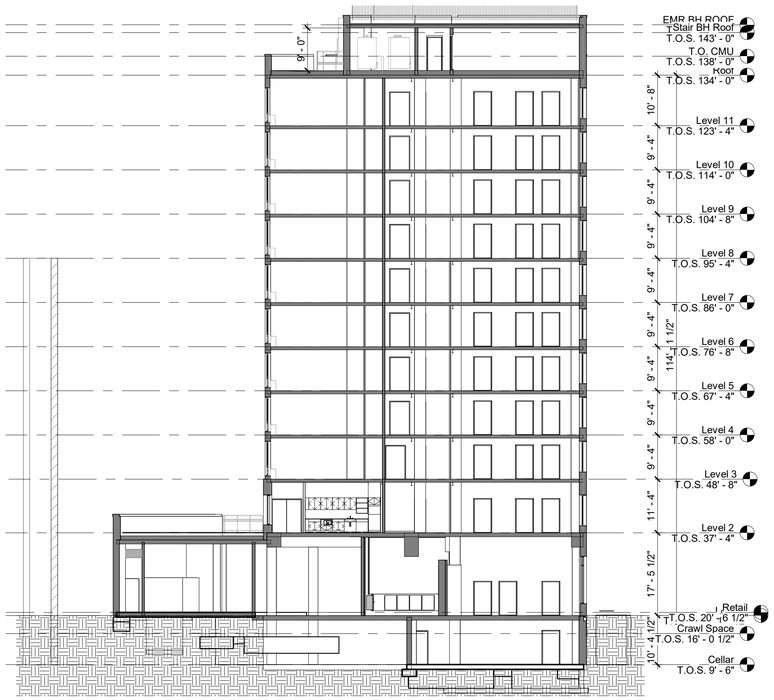
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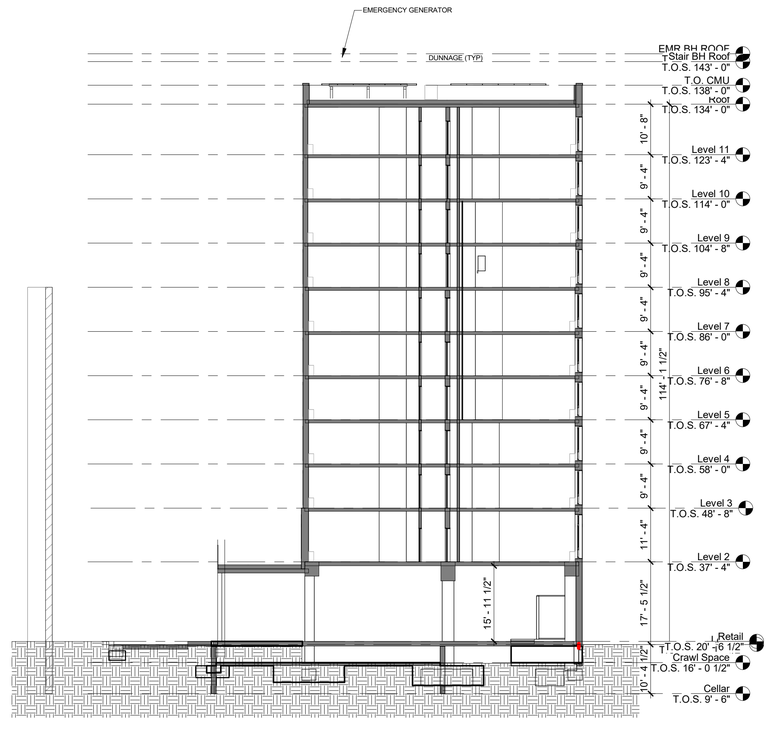
Plotted: 6/21/2024 8:23:59 AM

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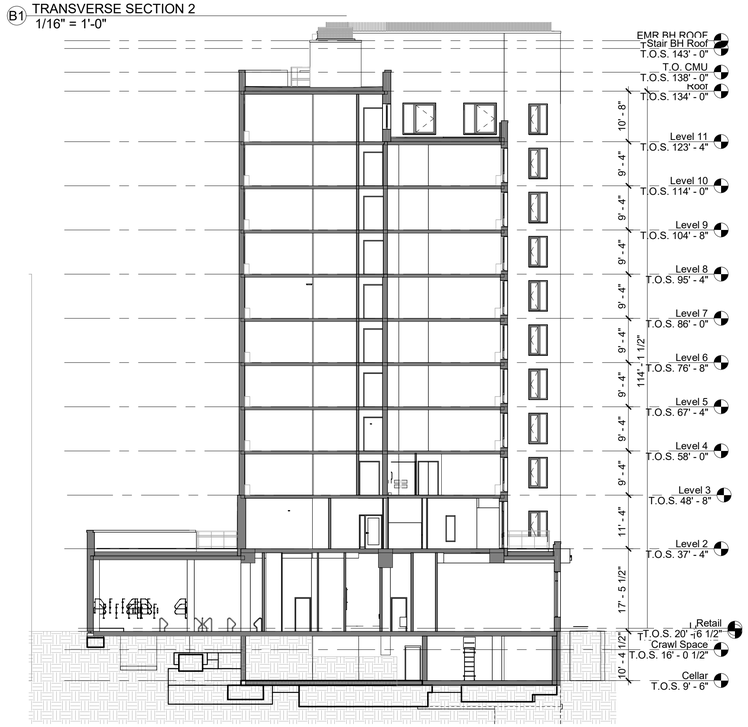
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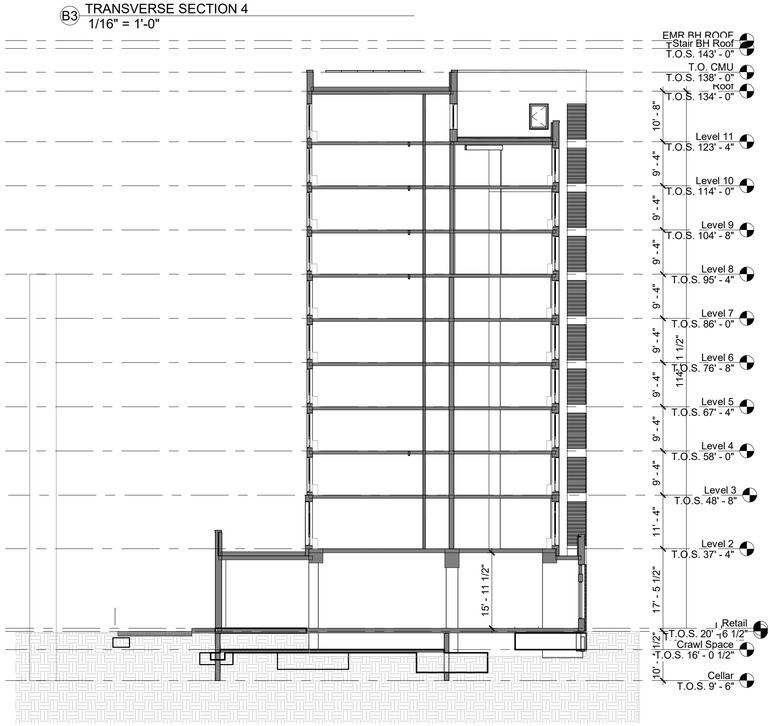
B1 TRANSVERSE SECTION 2
1/16" = 1'-0"



B3 TRANSVERSE SECTION 4
1/16" = 1'-0"



C1 TRANSVERSE SECTION 1
1/16" = 1'-0"



C3 TRANSVERSE SECTION 3
1/16" = 1'-0"

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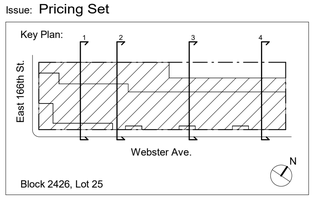
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905
P1	Schematic Design	23-0315

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Building Sections - Transverse

Date	08/30/2024
Scale	1/16" = 1'-0"
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231

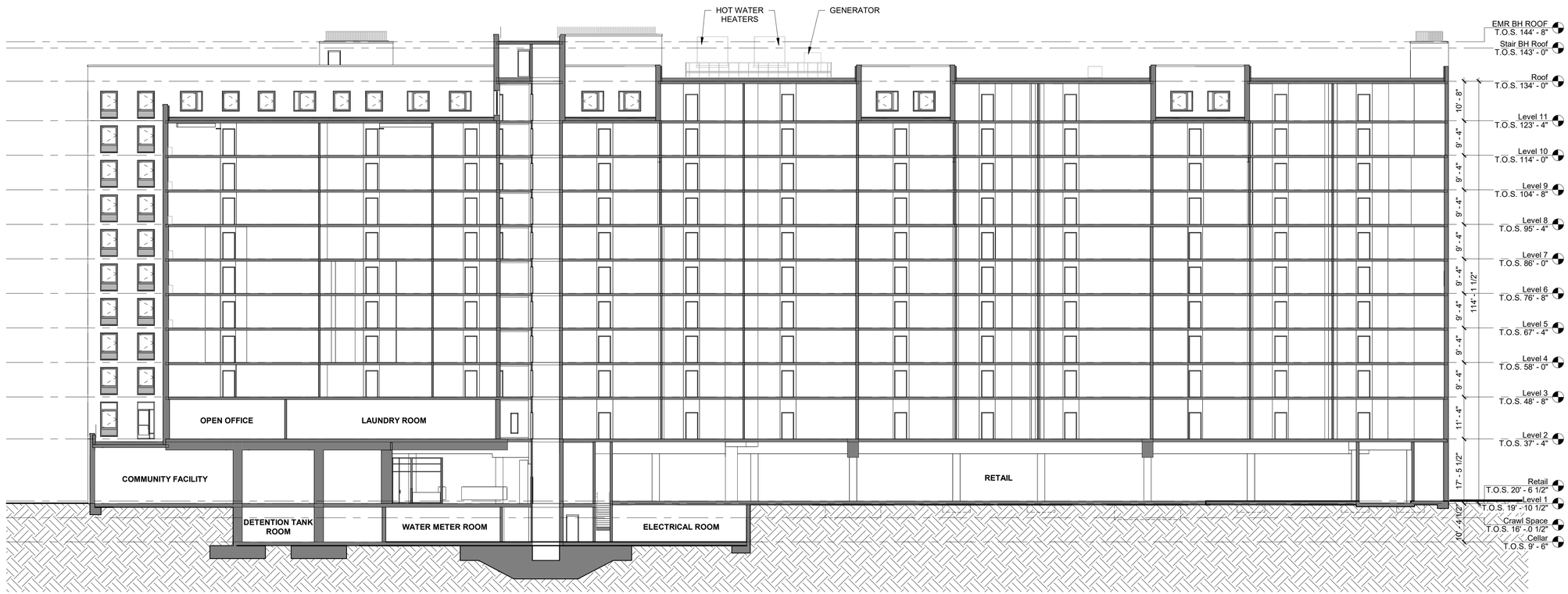
Seal

Sheet No.:

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Plotted: 8/30/2024 5:23:37 PM



C1 LONGITUDINAL SECTION
1/16" = 1'-0"

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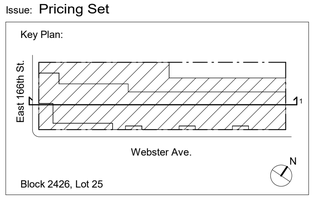
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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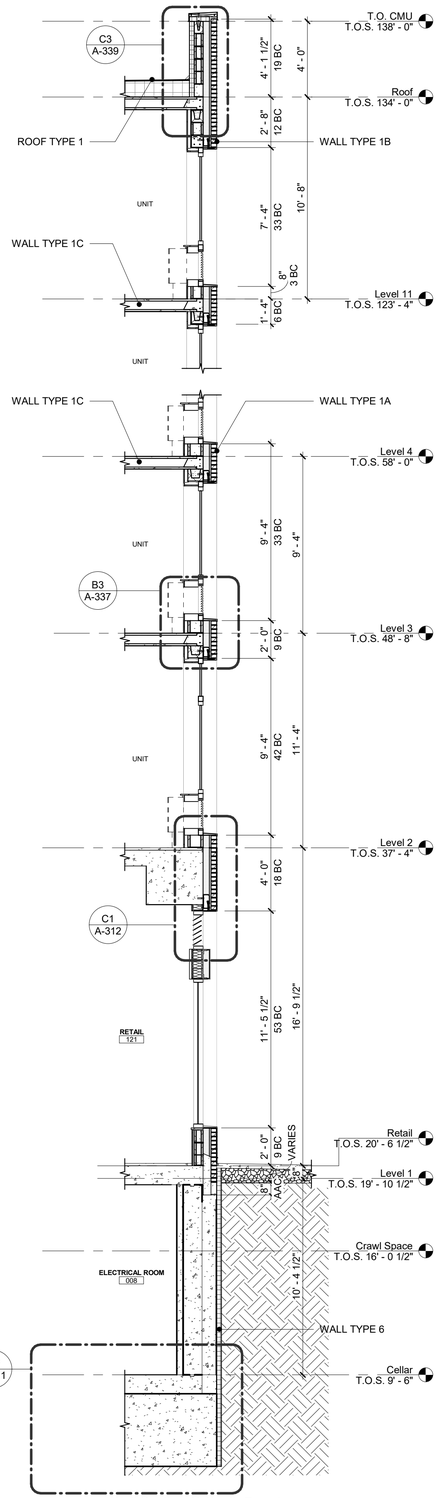
Building Sections - Longitudinal

Date	08/30/2024
Scale	1/16" = 1'-0"
Drawn By	DK/ER
Checked By	RE/BG
Project No.	2231

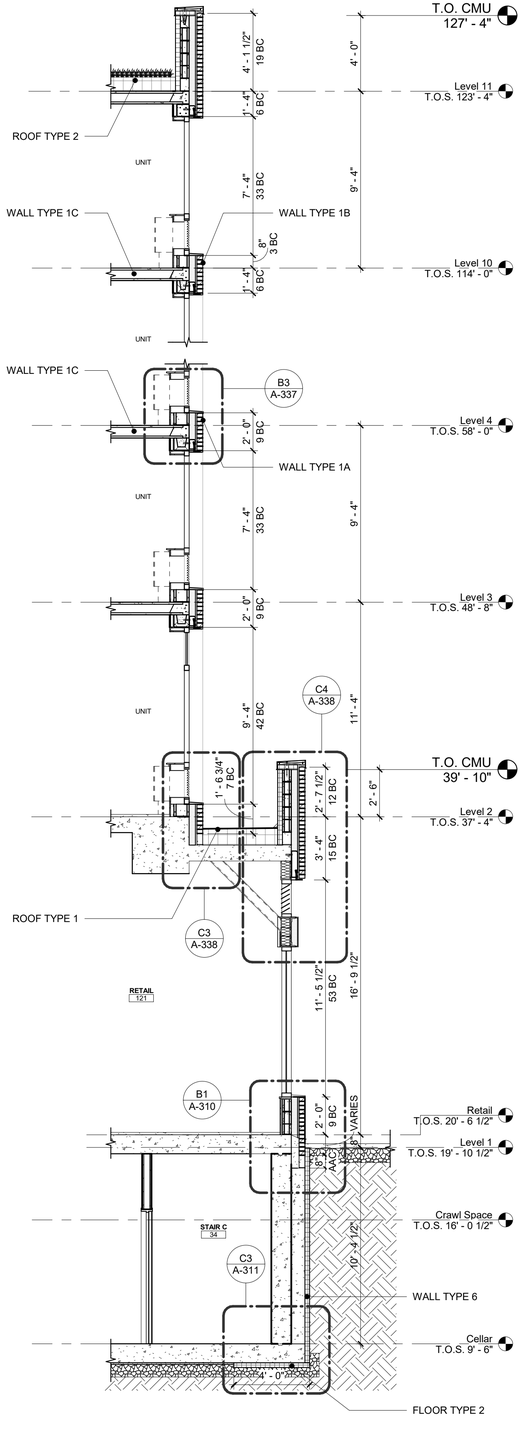
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Sheet No.:

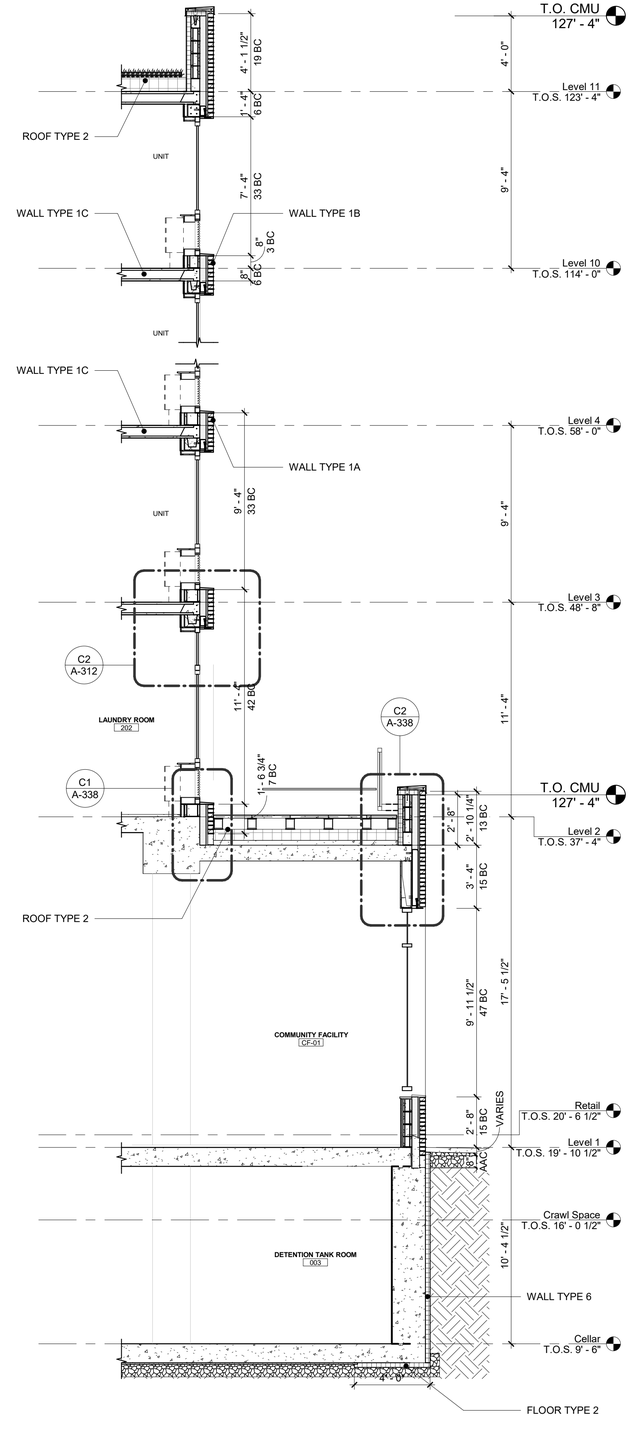
A-211.00



C1 Wall Section @ South Facade
1/4" = 1'-0"



C2 Wall Section @ Level 2 Setback
1/4" = 1'-0"



C3 Wall Section @ Community Facility Space
1/4" = 1'-0"

ELEVATION NOTES:

1. ELEVATION LEVELS ARE BASED ON NAVD88 UNLESS OTHERWISE NOTED.

2. ELEVATION LEVELS ARE SHOWN TO TOP OF STRUCTURAL SLAB UNLESS OTHERWISE NOTED.

EXTERIOR WALL TYPES

W1A: BRICK @ 10" CMU (FURRED)
W1B: BRICK @ 8" CMU (FURRED)
W1C: BRICK @ PLANK EDGE
W1D: BRICK @ C.I.P. CONC (FURRED)
W2A: EIFS @ 10" CMU (FURRED)
W2B: EIFS @ 8" CMU (FURRED)
W2C: EIFS @ PLANK EDGE
W3: FIREBLOCKING @ OPENINGS IN EIFS
W4: BRICK @ 6" MTL FRAMING
W5A: BLINDSIDE INSUL @ 10" CMU
W5B: BLINDSIDE INSUL @ 8" CMU
W5C: BLINDSIDE INSUL @ PLANK EDGE
W5D: BLINDSIDE INSUL @ C.I.P. CONC (FURRED)
W6: CELLAR & FOUNDATION WALLS
W7: BRICK RETURN
W8A: ACTIVE LOUVER
W8B: INACTIVE LOUVER
W9: METAL PANEL @ METAL FRAMING

ROOF TYPES

R1: SBS ROOF
R2: IRMA ROOF (BALLASTED)

FLOOR TYPES

F1: SLAB-ON-GRADE
F2: CELLAR SLAB

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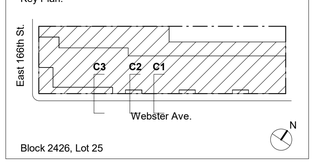
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Wall Sections

Date	08/30/2024
Scale	As indicated
Drawn By	DK
Checked By	RE/BG
Project No.	2231

Seal

Sheet No.:

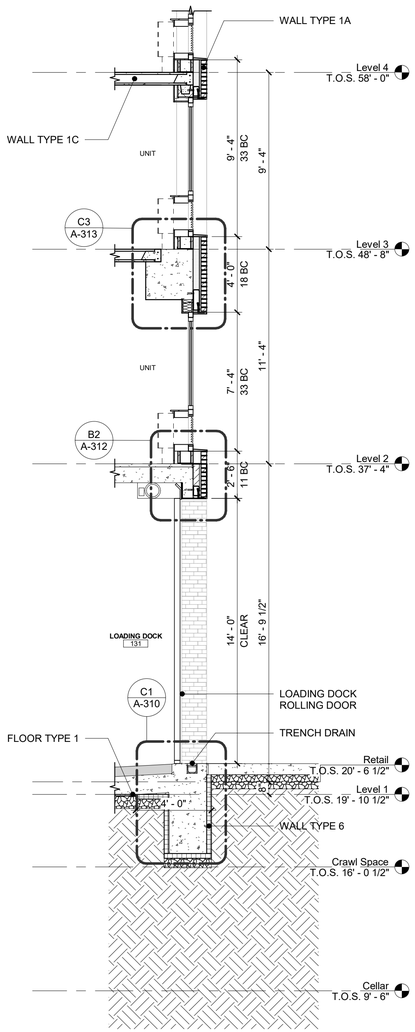
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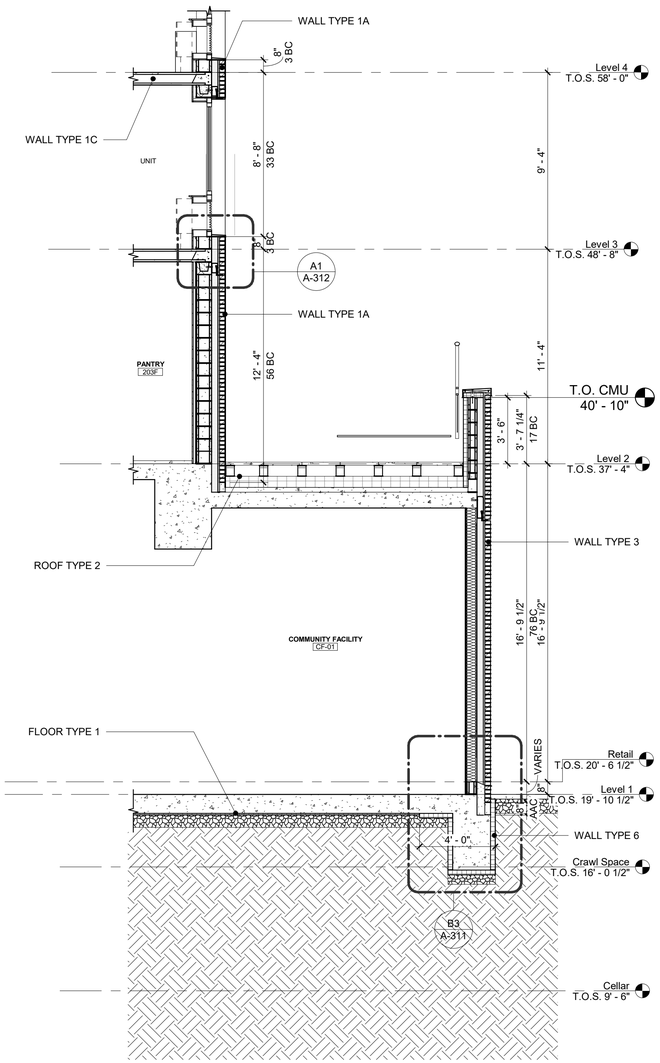
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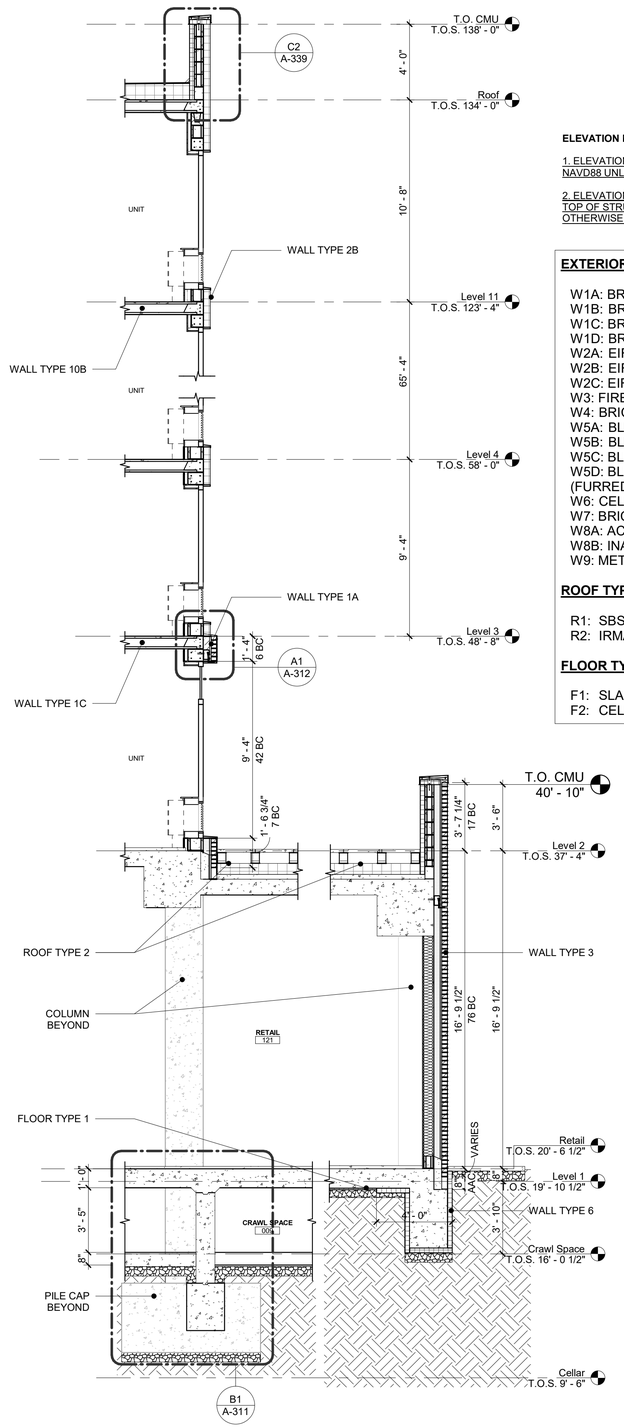
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C1 Wall Section @ Loading Dock
1/4" = 1'-0"



C2 Wall Section @ Rear Egress Corridor
1/4" = 1'-0"



C3 Wall Section @ Rear Setback
1/4" = 1'-0"

ELEVATION NOTES:

1. ELEVATION LEVELS ARE BASED ON NAVD88 UNLESS OTHERWISE NOTED.

2. ELEVATION LEVELS ARE SHOWN TO TOP OF STRUCTURAL SLAB UNLESS OTHERWISE NOTED.

EXTERIOR WALL TYPES

W1A: BRICK @ 10" CMU (FURRED)
W1B: BRICK @ 8" CMU (FURRED)
W1C: BRICK @ PLANK EDGE
W1D: BRICK @ C.I.P. CONC (FURRED)
W2A: EIFS @ 10" CMU (FURRED)
W2B: EIFS @ 8" CMU (FURRED)
W2C: EIFS @ PLANK EDGE
W3: FIREBLOCKING @ OPENINGS IN EIFS
W4: BRICK @ 6" MTL FRAMING
W5A: BLINDSIDE INSUL @ 10" CMU
W5B: BLINDSIDE INSUL @ 8" CMU
W5C: BLINDSIDE INSUL @ PLANK EDGE
W5D: BLINDSIDE INSUL @ C.I.P. CONC (FURRED)
W6: CELLAR & FOUNDATION WALLS
W7: BRICK RETURN
W8A: ACTIVE LOUVER
W8B: INACTIVE LOUVER
W9: METAL PANEL @ METAL FRAMING

ROOF TYPES

R1: SBS ROOF
R2: IRMA ROOF (BALLASTED)

FLOOR TYPES

F1: SLAB-ON-GRADE
F2: CELLAR SLAB

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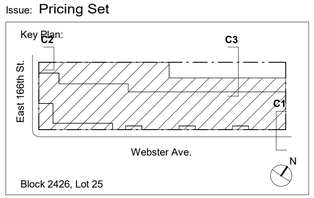
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P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set



Key Plan

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Misc. and Atypical Wall Sections

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

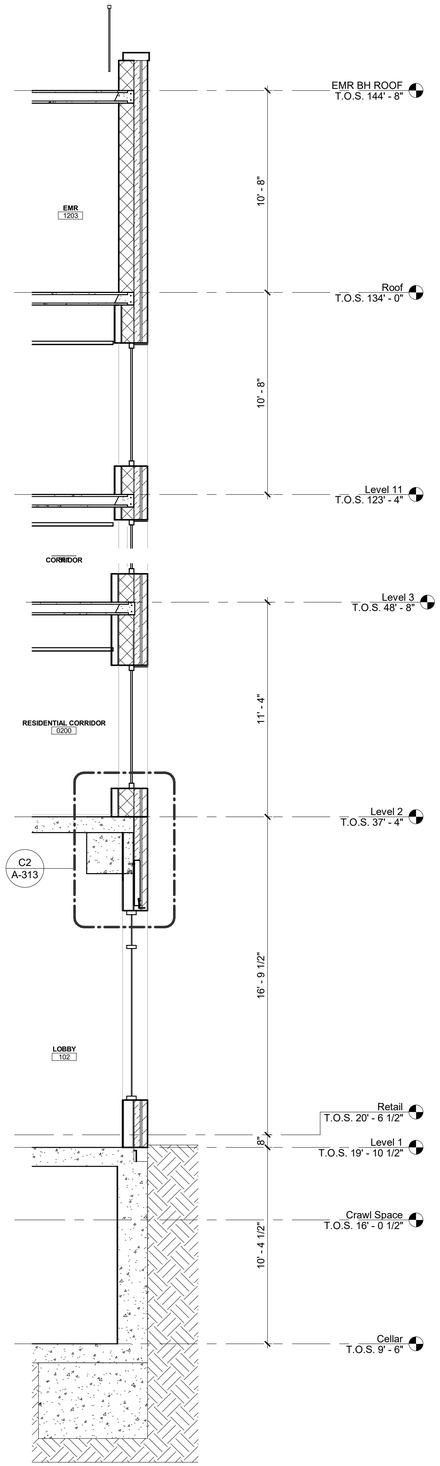
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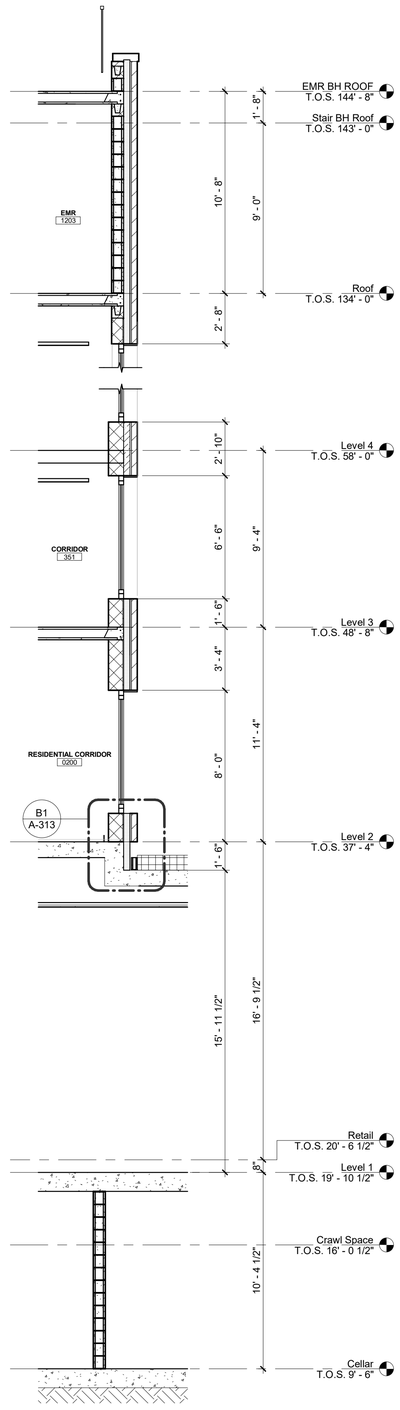
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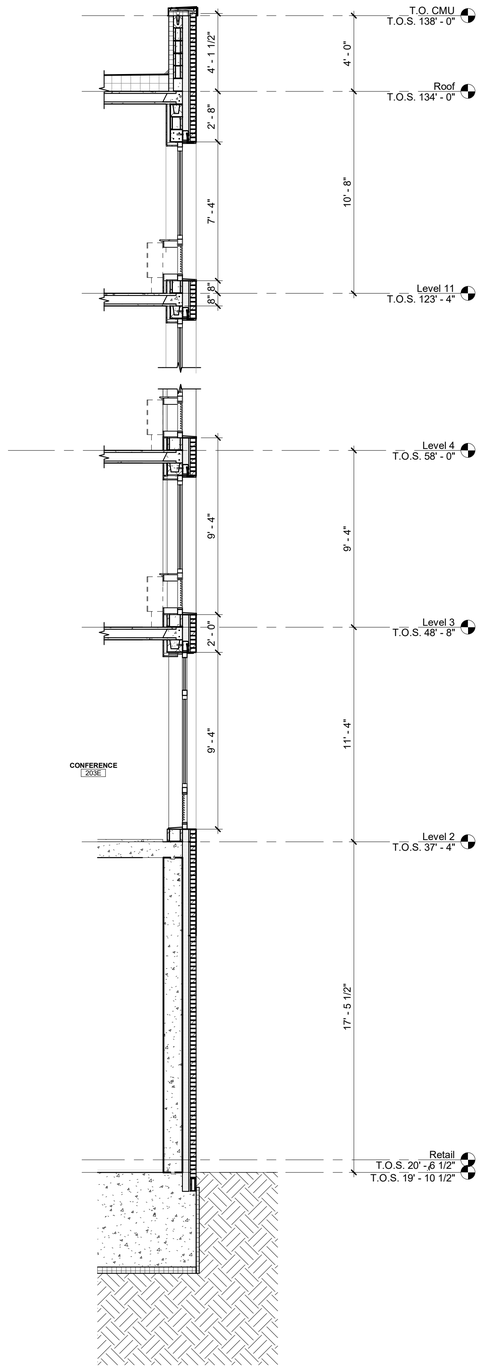
Plotted: 8/30/2024 5:23:50 PM



C1 Wall Section @ East Side of Elevator Tower
1/4" = 1'-0"



C2 Wall Section @ South Side of Elevator Tower
1/4" = 1'-0"



C3 Wall Section @ Community space at E166th St.
1/4" = 1'-0"

ELEVATION NOTES:

1. ELEVATION LEVELS ARE BASED ON NAVD88 UNLESS OTHERWISE NOTED.

2. ELEVATION LEVELS ARE SHOWN TO TOP OF STRUCTURAL SLAB UNLESS OTHERWISE NOTED.

EXTERIOR WALL TYPES

W1A: BRICK @ 10" CMU (FURRED)
W1B: BRICK @ 8" CMU (FURRED)
W1C: BRICK @ PLANK EDGE
W1D: BRICK @ C.I.P. CONC (FURRED)
W2A: EIFS @ 10" CMU (FURRED)
W2B: EIFS @ 8" CMU (FURRED)
W2C: EIFS @ PLANK EDGE
W3: FIREBLOCKING @ OPENINGS IN EIFS
W4: BRICK @ 6" MTL FRAMING
W5A: BLINDSIDE INSUL @ 10" CMU
W5B: BLINDSIDE INSUL @ 8" CMU
W5C: BLINDSIDE INSUL @ PLANK EDGE
W5D: BLINDSIDE INSUL @ C.I.P. CONC (FURRED)
W6: CELLAR & FOUNDATION WALLS
W7: BRICK RETURN
W8A: ACTIVE LOUVER
W8B: INACTIVE LOUVER
W9: METAL PANEL @ METAL FRAMING

ROOF TYPES

R1: SBS ROOF
R2: IRMA ROOF (BALLASTED)

FLOOR TYPES

F1: SLAB-ON-GRADE
F2: CELLAR SLAB

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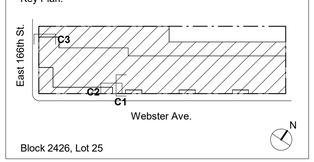
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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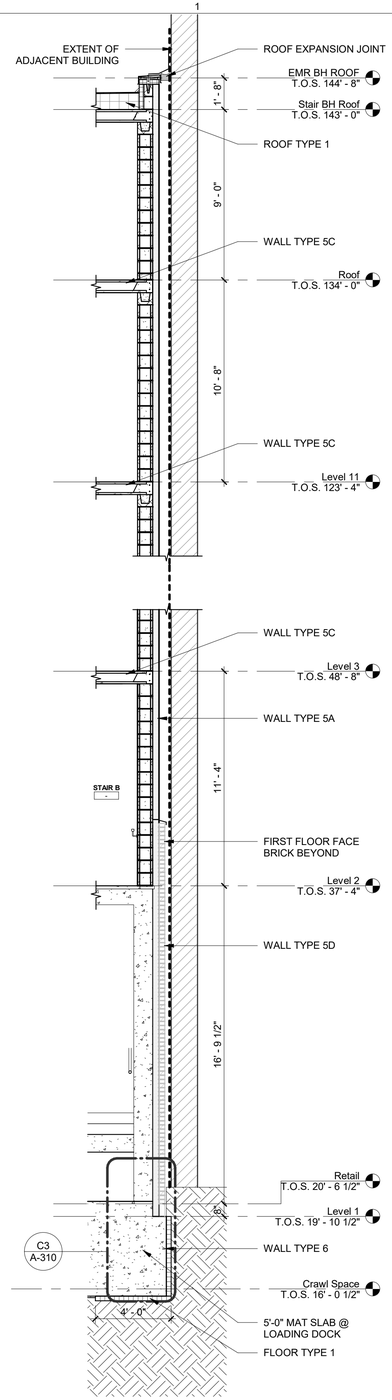
Misc. and Atypical Wall Sections

Date	08/30/2024
Scale	As indicated
Drawn By	DK
Checked By	RE/BG
Project No.	2231

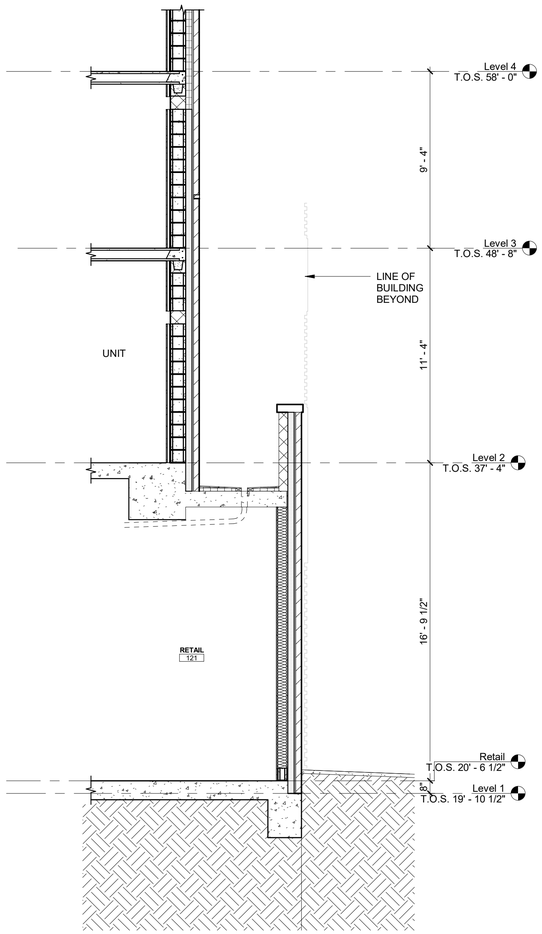
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Sheet No.:

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C1 Wall Section @ Stair B
1/4" = 1'-0"



C2 Section Through Retail
1/4" = 1'-0"

ELEVATION NOTES:

1. ELEVATION LEVELS ARE BASED ON NAVD88 UNLESS OTHERWISE NOTED.

2. ELEVATION LEVELS ARE SHOWN TO TOP OF STRUCTURAL SLAB UNLESS OTHERWISE NOTED.

EXTERIOR WALL TYPES

W1A: BRICK @ 10" CMU (FURRED)
W1B: BRICK @ 8" CMU (FURRED)
W1C: BRICK @ PLANK EDGE
W1D: BRICK @ C.I.P. CONC (FURRED)
W2A: EIFS @ 10" CMU (FURRED)
W2B: EIFS @ 8" CMU (FURRED)
W2C: EIFS @ PLANK EDGE
W3: FIREBLOCKING @ OPENINGS IN EIFS
W4: BRICK @ 6" MTL FRAMING
W5A: BLINDSIDE INSUL @ 10" CMU
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W6: CELLAR & FOUNDATION WALLS
W7: BRICK RETURN
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W9: METAL PANEL @ METAL FRAMING

ROOF TYPES

R1: SBS ROOF
R2: IRMA ROOF (BALLASTED)

FLOOR TYPES

F1: SLAB-ON-GRADE
F2: CELLAR SLAB

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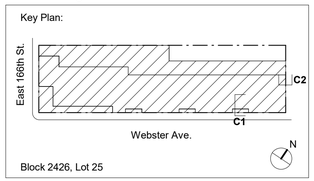
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Key Plan:



Key Plan

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Misc. and Atypical Wall Sections

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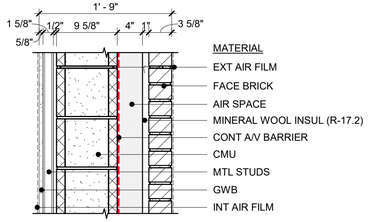
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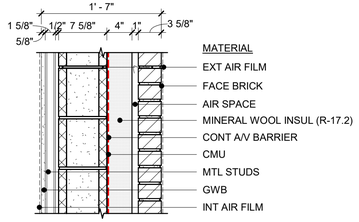
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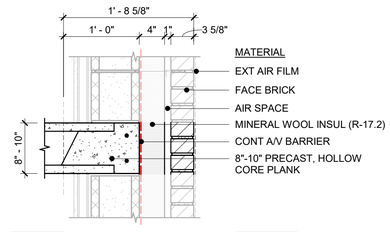
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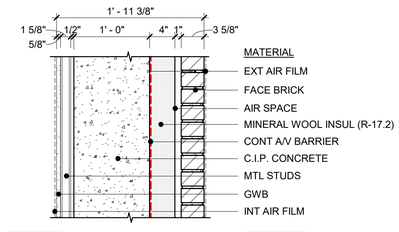
1 Wall Type 1A - Brick @ 10" CMU (U-0.049)
1" = 1'-0"



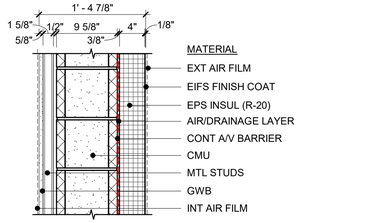
2 Wall Type 1B - Brick @ 8" CMU (U-0.049)
1" = 1'-0"



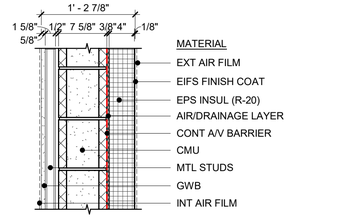
12x Wall Type 1C - Slab Edge @ Brick (U-0.053)
1" = 1'-0"



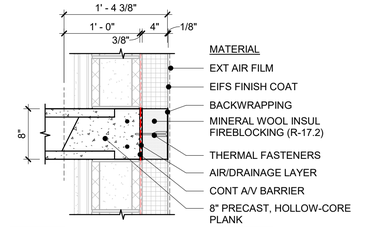
4 Wall Type 1D - Brick @ C.I.P. Conc (U-0.050)
1" = 1'-0"



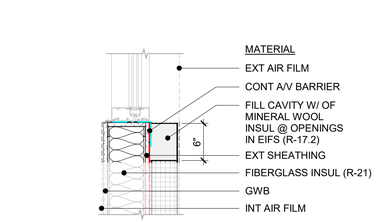
5 Wall Type 2A - EIFS @ 10" CMU (U-0.043)
1" = 1'-0"



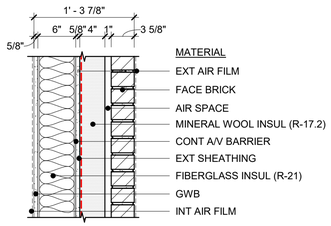
6 Wall Type 2B - EIFS @ 8" CMU (U-0.043)
1" = 1'-0"



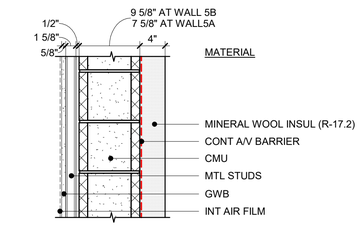
7 Wall Type 2C - Slab Edge @ EIFS (U-0.046)
1" = 1'-0"



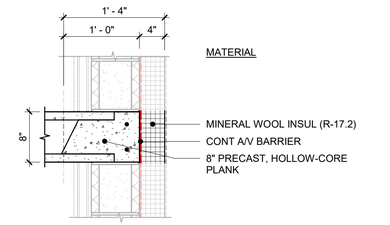
3 Wall Type 3 - Fireblocking @ Opgs in EIFS (U-0.038)
1" = 1'-0"



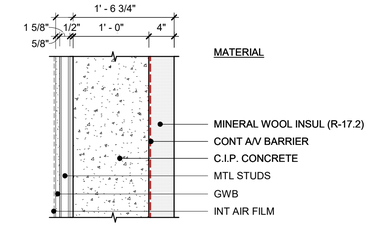
9 Wall Type 4 - Brick @ Metal Framing (U-0.038)
1" = 1'-0"



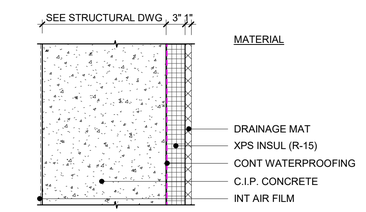
10 Wall Type 5A & 5B - Blindside Insul @ CMU (U-0.049)
1" = 1'-0"



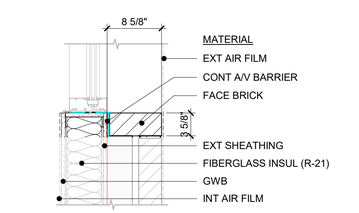
11 Wall Type 5C - Blindside Insul @ Plank (U-0.053)
1" = 1'-0"



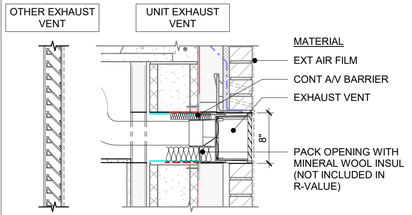
12 Wall Type 5D - Blindside Insul @ C.I.P. Conc (U-0.050)
1" = 1'-0"



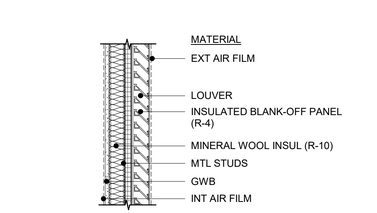
13 Wall Type 9 - Foundation Wall (U-0.059)
1" = 1'-0"



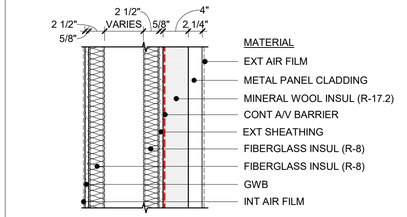
14 Wall Type 7 - Brick Return (U-0.106)
1" = 1'-0"



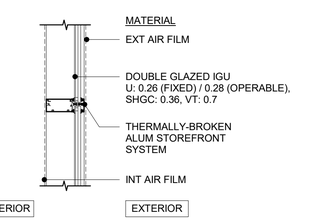
15 Wall Type 8A - Active Louver (U-0.5)
1" = 1'-0"



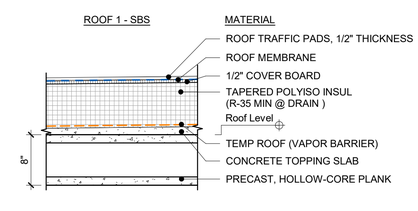
16 Wall Type 8B - Inactive Louver (U-0.071)
1" = 1'-0"



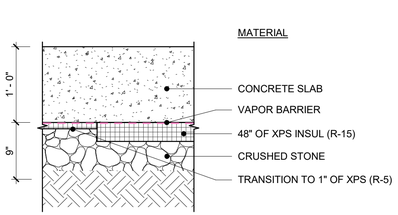
17 Wall Type 9 - Metal Panel @ Metal Framing (U-0.039)
1" = 1'-0"



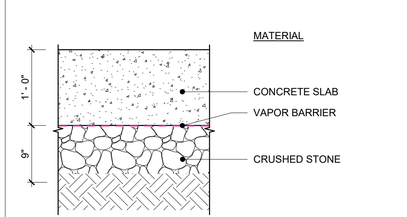
18 Storefront - (U-0.26 Fixed / U-0.28 Operable)
1" = 1'-0"



19 Roof Types 1 & 2 (U-0.028)
1" = 1'-0"



20 Floor Type 1
1" = 1'-0"



21 Floor Type 2
1" = 1'-0"

BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE

EXTERIOR WALL TYPES

W1A: BRICK @ 10" CMU (FURRED)
W1B: BRICK @ 8" CMU (FURRED)
W1C: BRICK @ PLANK EDGE
W1D: BRICK @ C.I.P. CONC (FURRED)
W2A: EIFS @ 10" CMU (FURRED)
W2B: EIFS @ 8" CMU (FURRED)
W2C: EIFS @ PLANK EDGE
W3: FIREBLOCKING @ OPENINGS IN EIFS
W4: BRICK @ 6" MTL FRAMING
W5A: BLINDSIDE INSUL @ 10" CMU
W5B: BLINDSIDE INSUL @ 8" CMU
W5C: BLINDSIDE INSUL @ PLANK EDGE
W5D: BLINDSIDE INSUL @ C.I.P. CONC (FURRED)
W6: CELLAR & FOUNDATION WALLS
W7: BRICK RETURN
W8A: ACTIVE LOUVER
W8B: INACTIVE LOUVER
W9: METAL PANEL @ METAL FRAMING

ROOF TYPES

R1: SBS ROOF
R2: IRMA ROOF (BALLASTED)

FLOOR TYPES

F1: SLAB-ON-GRADE
F2: CELLAR SLAB

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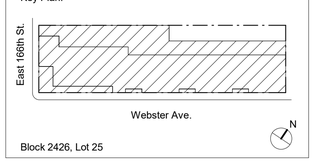
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Typical Wall Assemblies

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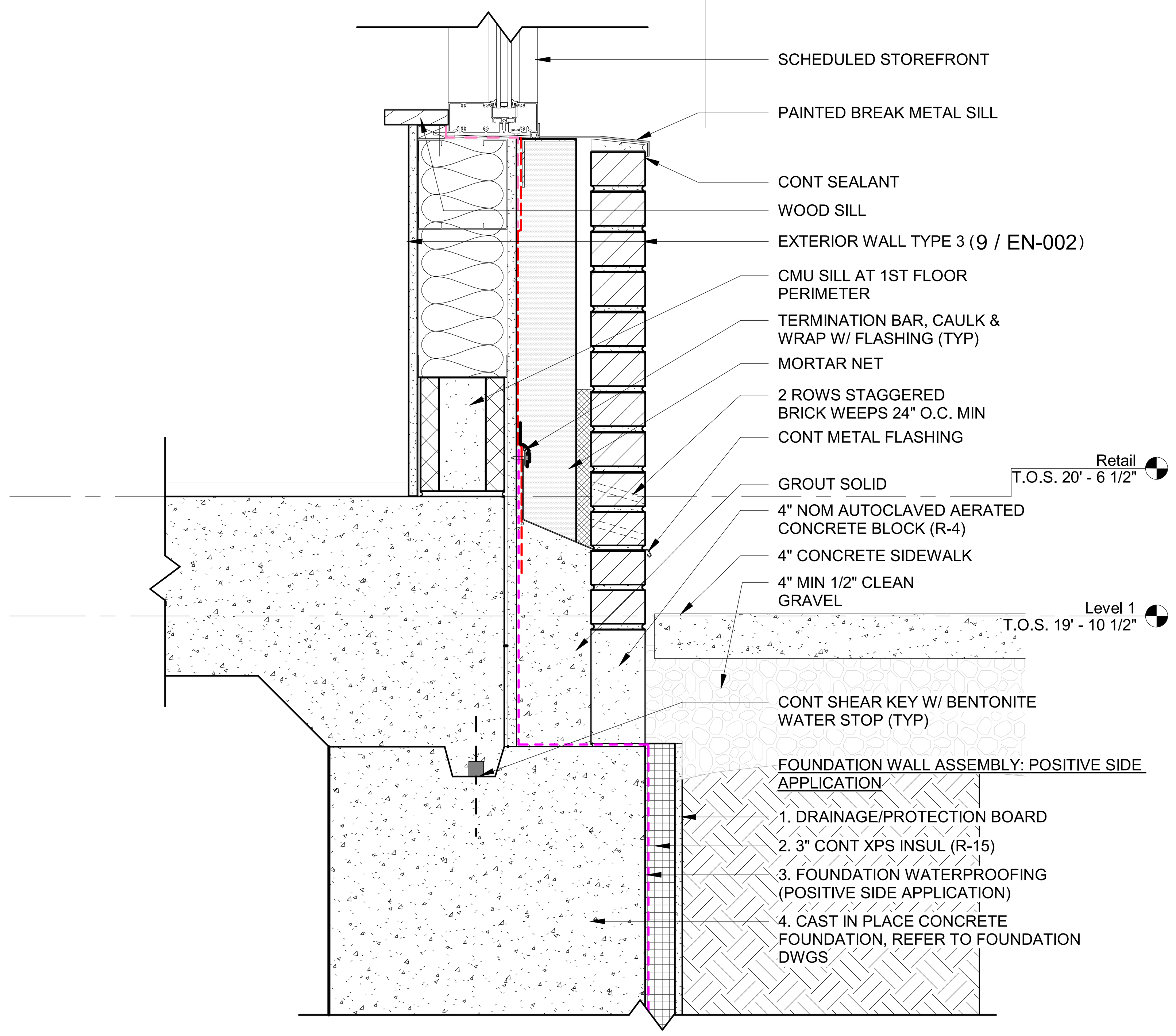
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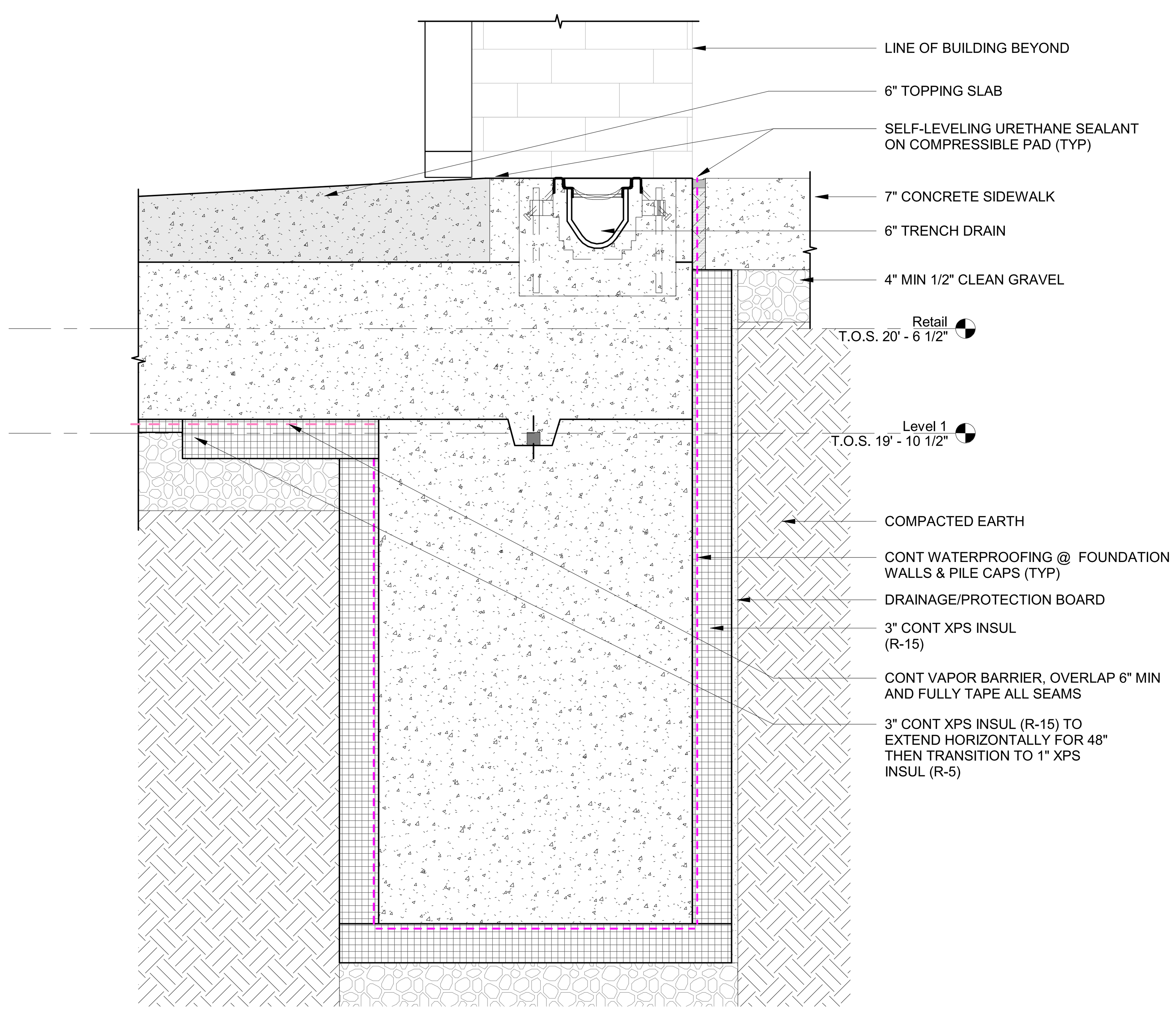
Issue: Pricing Set

BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

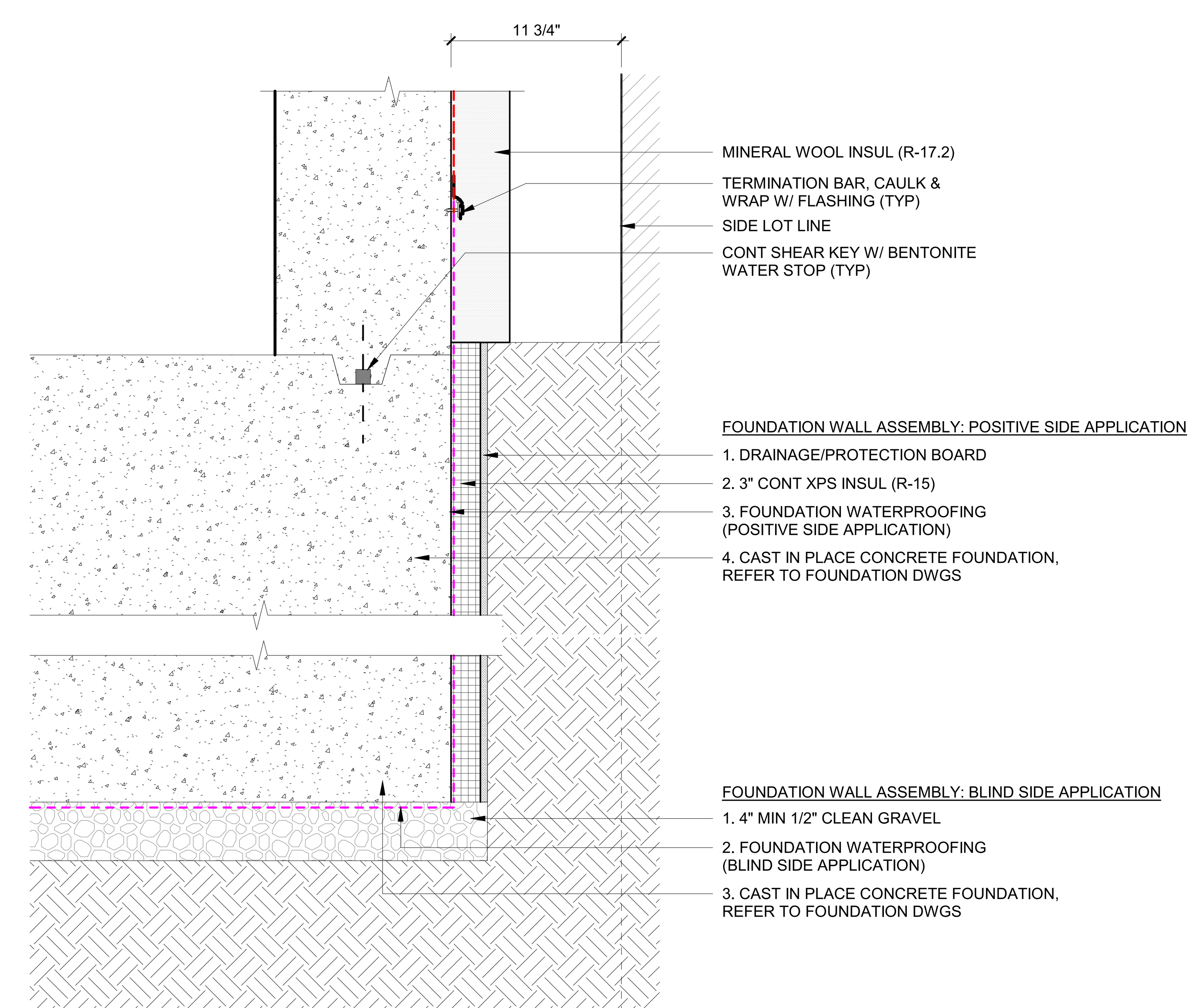
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- BARRIER CONTINUITY TAPE



B1 Foundation Details @ Building Base Above Cellar
1 1/2" = 1'-0"

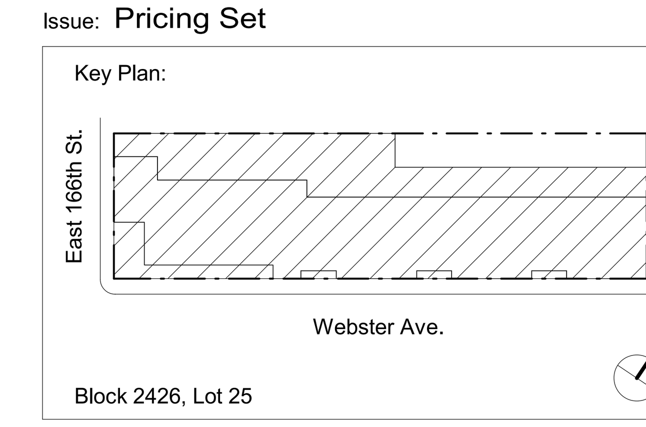


C1 Foundation Detail @ Loading Dock Door
1 1/2" = 1'-0"



C3 Foundation Detail @ North Side Lot Line
1 1/2" = 1'-0"

Key Plan:



Key Plan

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Foundation and First Floor Details

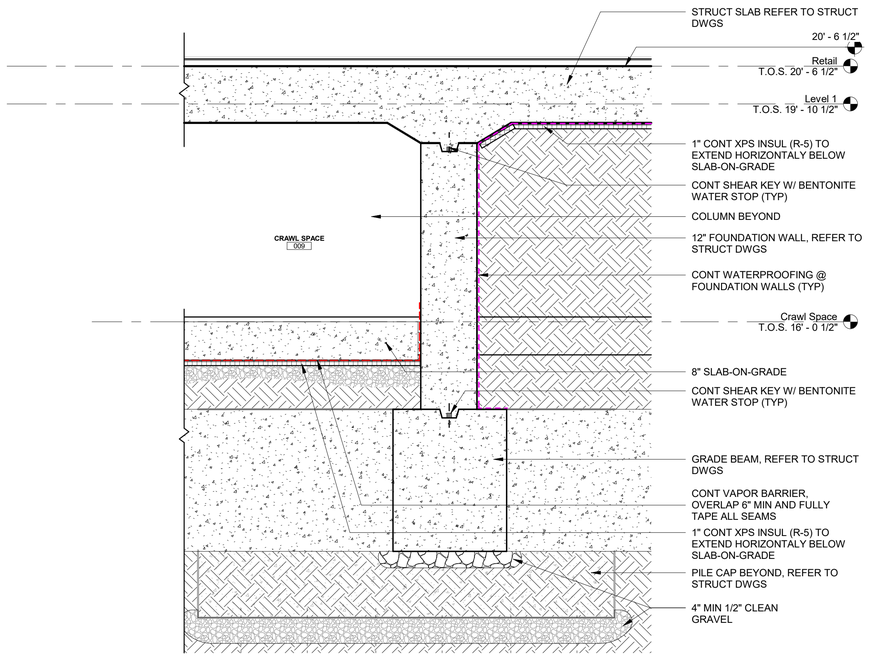
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Project No.	2231

Seal

Sheet No.: A-310.00

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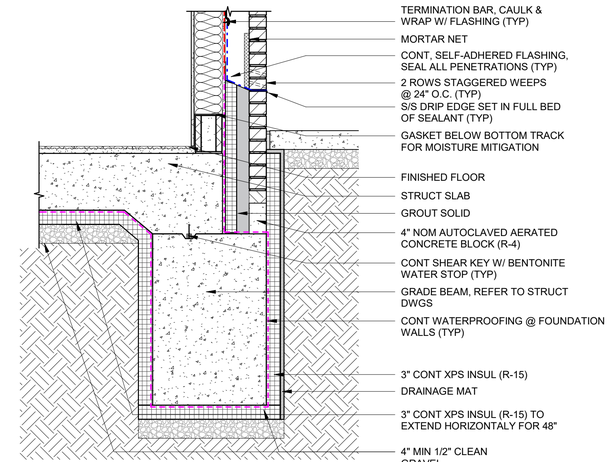
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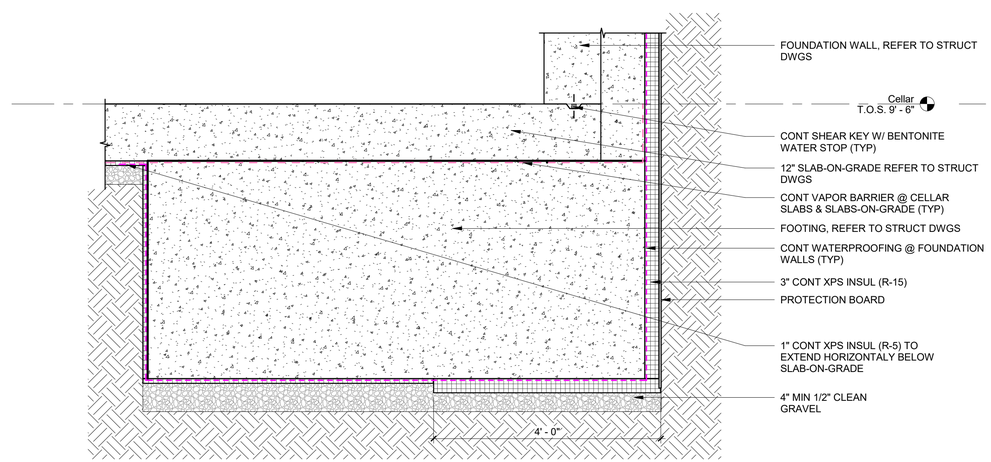
B1 Foundation Detail @ Crawl Space to Ratslab Interface
3/4" = 1'-0"

BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

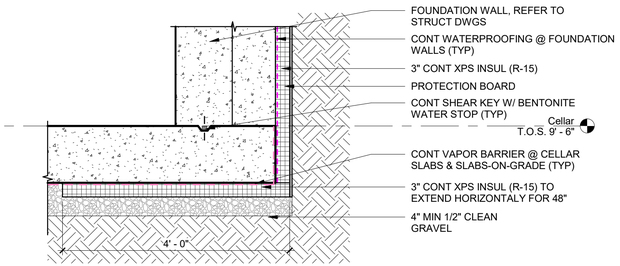
- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE



B3 Foundation Detail @ Grade Beam
3/4" = 1'-0"



C2 Foundation Detail at Footing
3/4" = 1'-0"



C3 Foundation Detail @ Cellar Slab
3/4" = 1'-0"

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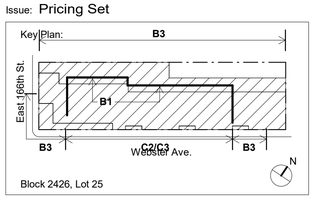
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505 8th Ave. 24th Fl.
New York, NY 10018

P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set



Key Plan

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Foundation Details

Date	09/03/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

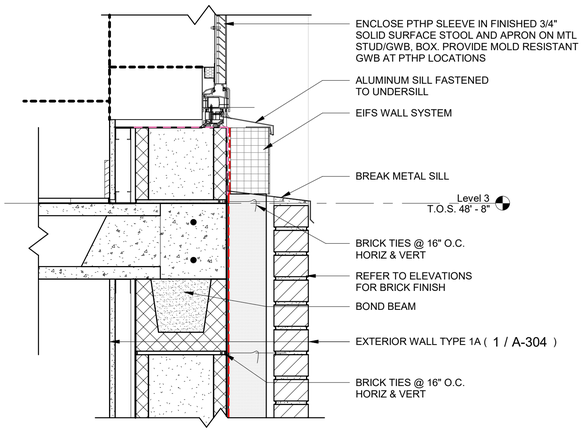
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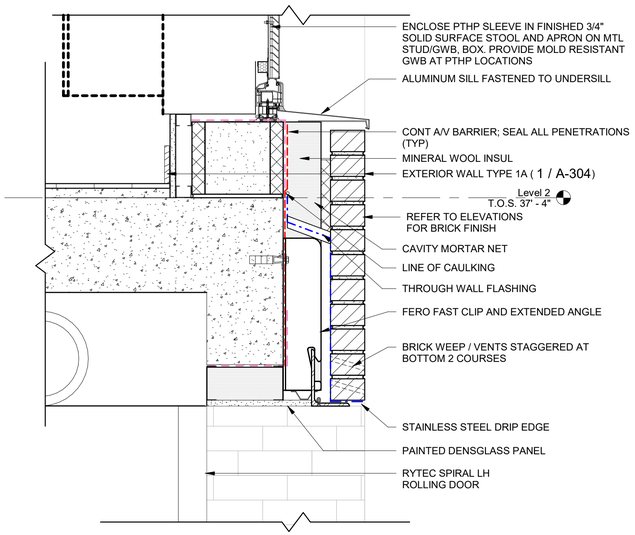
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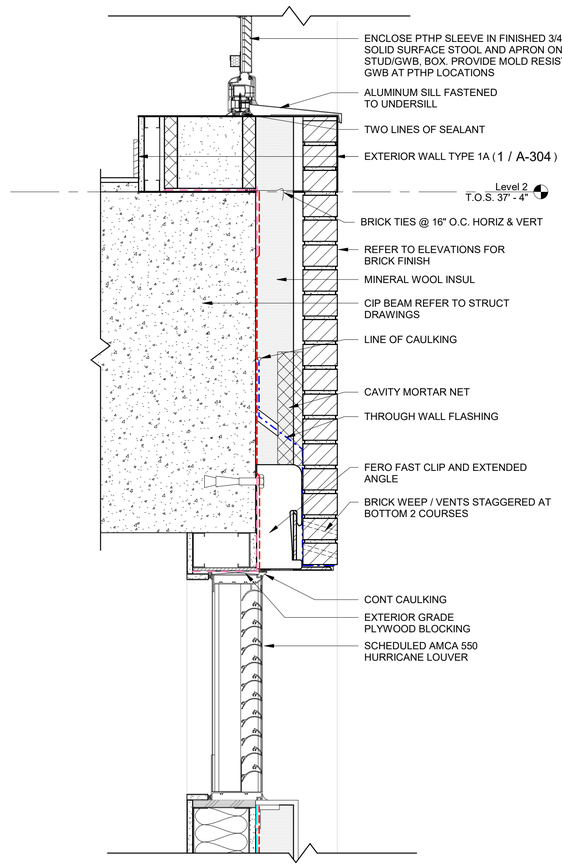
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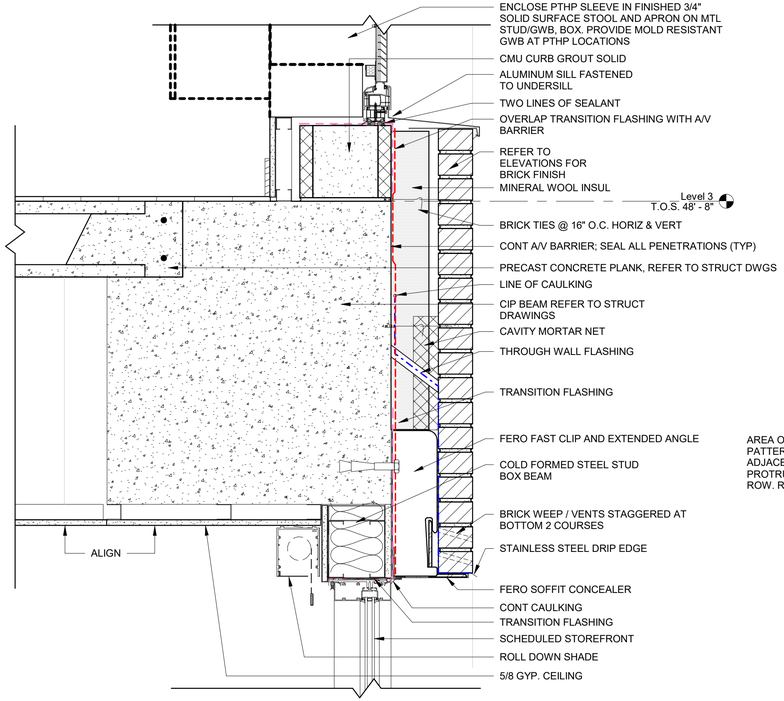
A1 Section Detail @ Brick to EIFS Transition
1 1/2" = 1'-0"



B2 Section Detail @ Loading Dock Door
1 1/2" = 1'-0"



C1 Section Detail @ Retail Storefront
1 1/2" = 1'-0"

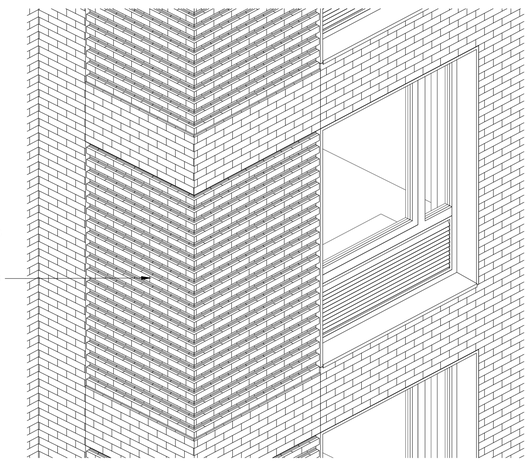


C2 Section Detail CIP Beam @ Laundry Room
1 1/2" = 1'-0"

BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE

AREA OF BRICK PROTRUDING PATTERN. FULL HEIGHT OF ADJACENT WINDOW. BRICK PROTRUDES EVERY OTHER ROW. REFER TO ELEVATIONS



C4 Enlarged 3D View - Corner Brick Rustication

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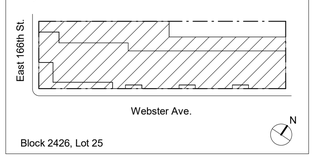
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Exterior Wall Section Details

Date	09/03/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

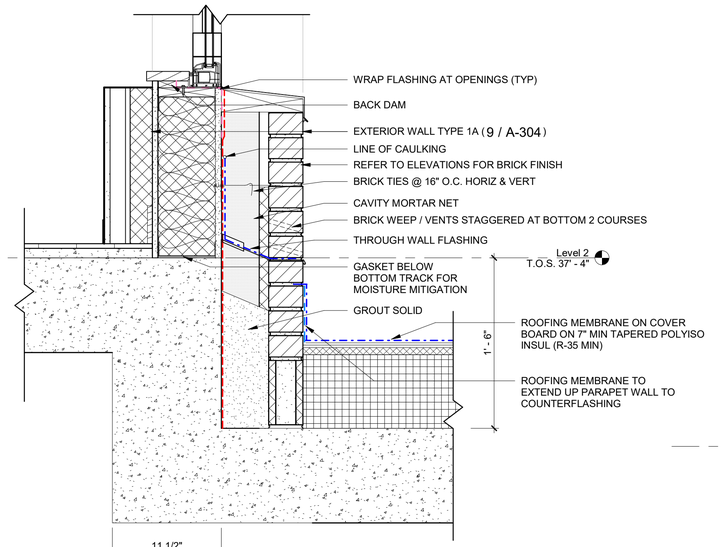
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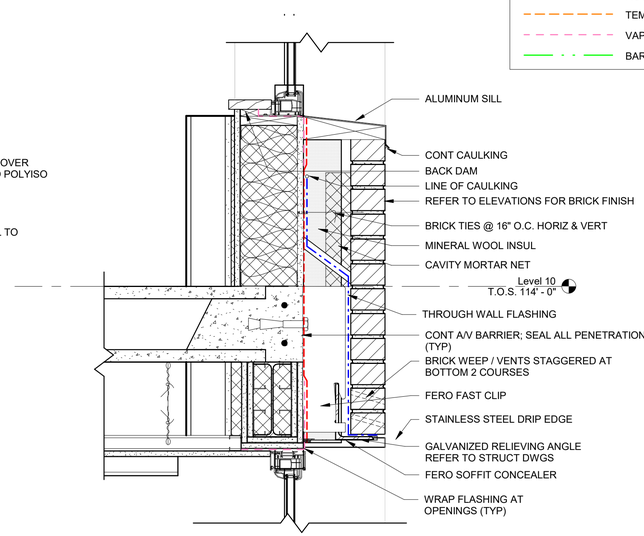
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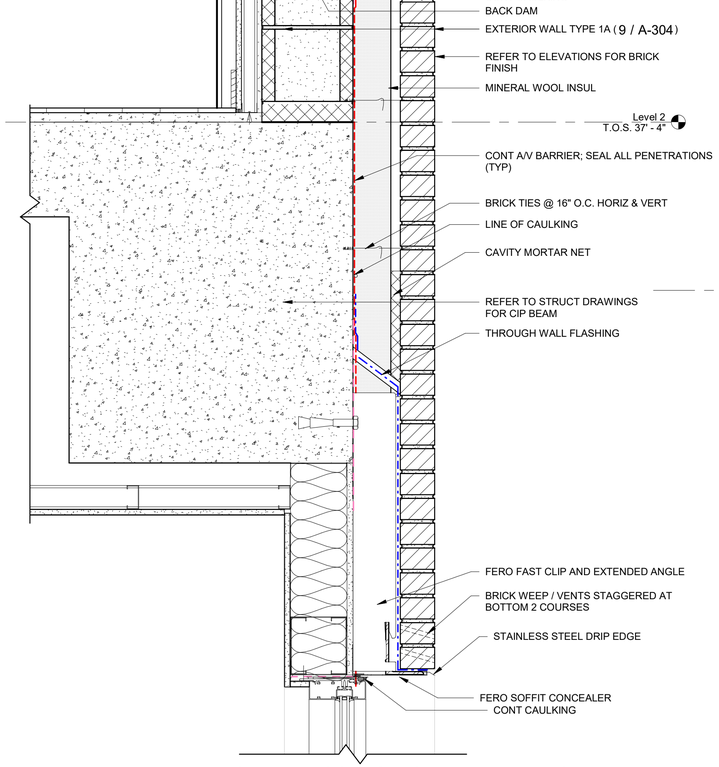
B1 Section Detail @ South Side of Elevator Tower Level 2 Slab
1 1/2" = 1'-0"



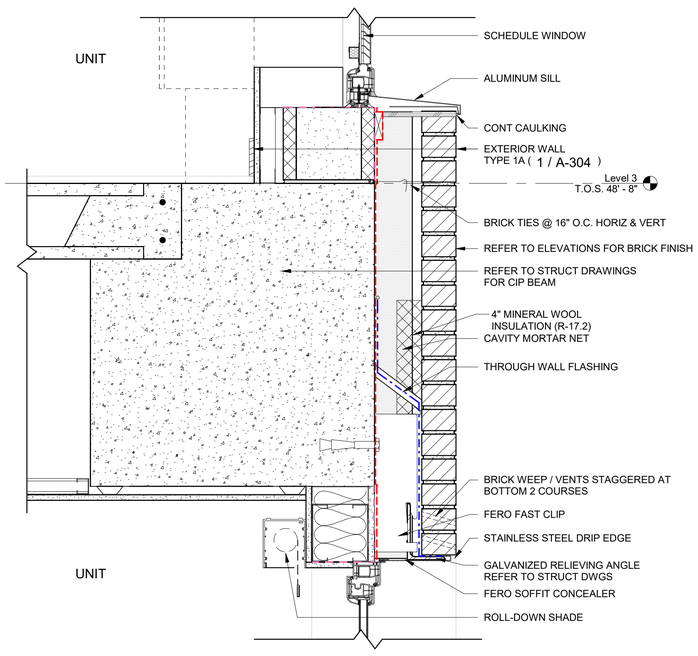
C1 Section Detail @ East Side of Elevator Tower at Brick Spandrel
1 1/2" = 1'-0"

BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE



C2 Section Detail @ South Side of Elevator Tower Level 2 Slab1
1 1/2" = 1'-0"



C3 Transfer Beam at Level 3 Above Loading Dock
1 1/2" = 1'-0"

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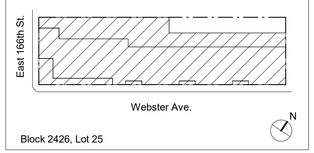
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Exterior Wall Section Details

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

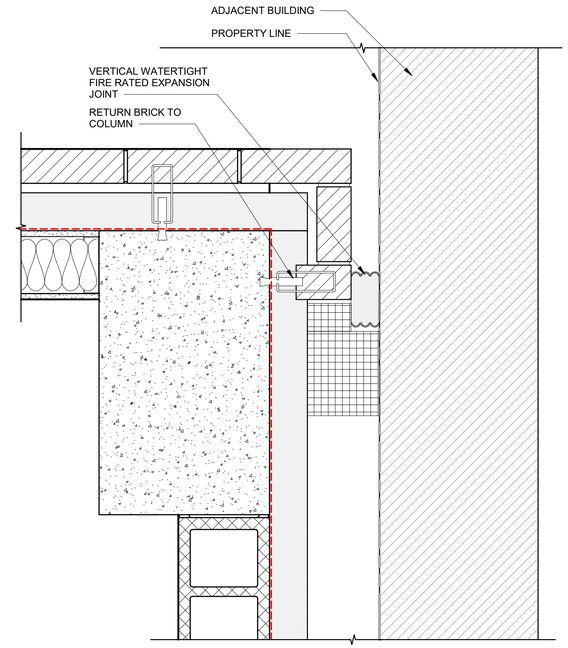
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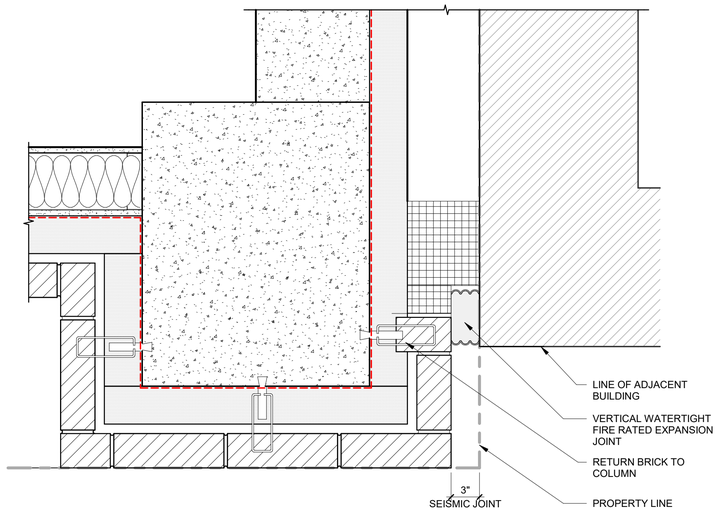
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1 Plan Detail at Column 62 North Property Line
1 1/2" = 1'-0"



2 Plan Detail at Column 79 North Property Line
1 1/2" = 1'-0"

BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE

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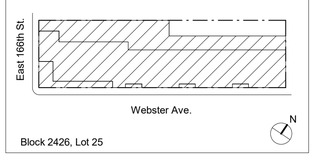
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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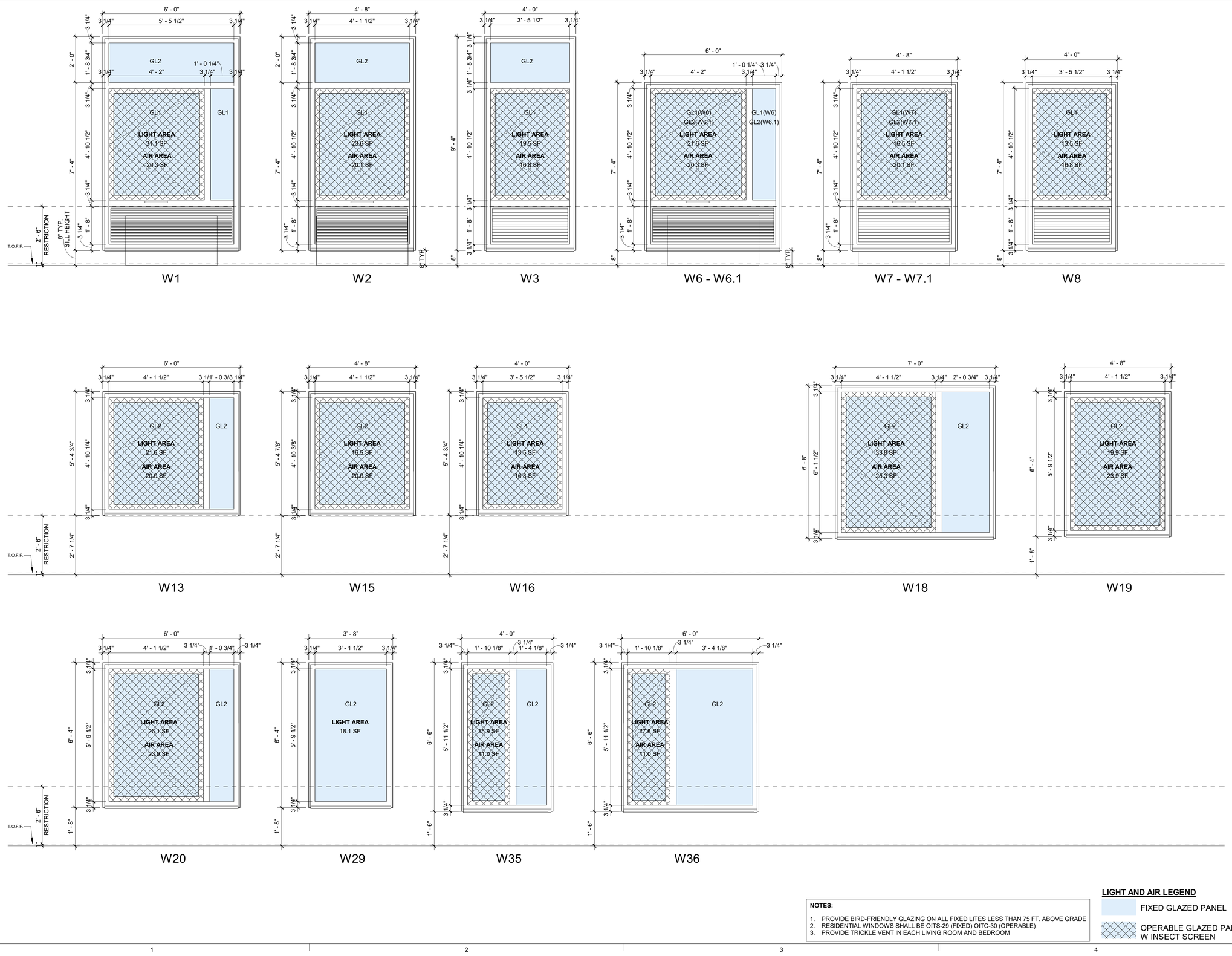
Plan Details

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

A-315.00



NOTES:

1. PROVIDE BIRD-FRIENDLY GLAZING ON ALL FIXED LITES LESS THAN 75 FT. ABOVE GRADE
2. RESIDENTIAL WINDOWS SHALL BE OITS-29 (FIXED) OITC-30 (OPERABLE)
3. PROVIDE TRICKLE VENT IN EACH LIVING ROOM AND BEDROOM

LIGHT AND AIR LEGEND

FIXED GLAZED PANEL

OPERABLE GLAZED PANEL W INSECT SCREEN

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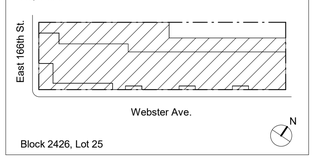
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Window Elevations

Date	08/30/2024
Scale	1/2" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

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Window Schedule

wt	Manufacturer	Model	Exterior Finish	Width	Height	Rough Width	Rough Height	Light Area	Air Area	Heat Transfer Coefficient (U)	U Factor	SHGC	VT	Air Leakage Rate	OITC	Glazing Type
W1	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	9' - 4"	6' - 0"	9' - 4"	31.1 SF	20.3 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL1, TRANSOM (GL2)
W2	INTUS	SUPERA AW	DARK BRONZE	4' - 8"	9' - 4"	4' - 8"	9' - 4"	23.6 SF	20.1 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL1, TRANSOM (GL2)
W3	INTUS	SUPERA AW	DARK BRONZE	4' - 0"	9' - 4"	4' - 0"	9' - 4"	19.5 SF	16.8 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL1, TRANSOM (GL2)
W6	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	7' - 4"	6' - 0"	7' - 4"	21.6 SF	20.3 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL1
W7	INTUS	SUPERA AW	DARK BRONZE	4' - 8"	7' - 4"	4' - 8"	7' - 4"	16.5 SF	20.1 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL1
W8	INTUS	SUPERA AW	DARK BRONZE	4' - 0"	7' - 4"	4' - 0"	7' - 4"	13.5 SF	16.8 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL1
W13	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	5' - 4 13/16"	6' - 0"	5' - 4 13/16"	21.6 SF	20.0 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2
W15	INTUS	SUPERA AW	DARK BRONZE	4' - 8"	5' - 4 13/16"	4' - 8"	5' - 4 13/16"	16.5 SF	20.0 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL2
W16	INTUS	SUPERA AW	DARK BRONZE	4' - 0"	5' - 4 13/16"	4' - 0"	5' - 4 13/16"	13.5 SF	16.8 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL1
W18	INTUS	SUPERA AW	DARK BRONZE	7' - 0"	6' - 8"	7' - 0"	6' - 8"	33.8 SF	25.3 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2
W19	INTUS	SUPERA AW	DARK BRONZE	4' - 8"	6' - 4"	4' - 8"	6' - 4"	19.9 SF	23.9 SF	0.28	OPERABLE (0.28)	0.36	0.7	< 0.1	OPERABLE (OITC30)	GL2
W20	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	6' - 4"	6' - 0"	6' - 4"	26.1 SF	23.9 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2
W29	INTUS	SUPERA AW	DARK BRONZE	3' - 8"	6' - 4"	3' - 8"	6' - 4"	18.1 SF		0.28	FIXED (0.26)	0.36	0.7	< 0.1	FIXED OITC 29	GL2
W35	INTUS	SUPERA AW	DARK BRONZE	4' - 0"	6' - 6"	4' - 0"	6' - 6"	15.9 SF	11.0 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2
W36	INTUS	SUPERA AW	DARK BRONZE	6' - 0"	6' - 6"	6' - 0"	6' - 6"	27.8 SF	11.0 SF	0.28	FIXED (0.26) OPERABLE (0.28)	0.36	0.7	< 0.1	FIXED (OITC 29) OPERABLE (OITC30)	GL2

Glazing Schedule

Tag	Manufacturer	Model	IGU Description
GL1	PILKINGTON	Custom	1" INSULATED GLASS: (6 mm ANNEALED EXTERIOR, 14 mm, ARGON GAP, 4 mm ANNEALED INTERIOR)
GL2	PILKINGTON	AviSafe 6 Suncool 70/40	1" INSULATED GLASS: (6 mm AVISAFE BIRDGLASS EXTERIOR, 14 mm, ARGON GAP, 4 mm ANNEALED INTERIOR)
GL3	YKK	Custom	1" INSULATED GLASS: (7/16" LAMINATED EXTERIOR, 3/8" AIR SPACE, 3/16" ANNEALED INTERIOR)

Storefront Schedule

Mark	Manufacturer	Model	Length	Heat Transfer Coefficient (U)	SHGC	Acoustical (OITC)	Glazing	Function
ST7	YKK		15' - 6 1/4"					Interior
ST8	YKK		10' - 7"					Interior
ST11	YKK		13' - 6 1/2"					Interior
ST12	YKK		7' - 8 1/2"					Interior
ST13	YKK		6' - 2"					Interior
ST1	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST2	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST3	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST4	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST5	YKK	YCW75XT	9' - 8"	0.24	0.39	OITC 31	GL3	Exterior
ST6	YKK	YCW75XT	16' - 1 3/4"	0.24	0.39	OITC 31	GL3	Exterior
ST7	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST8	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST9	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST10	YKK	YCW75XT	26' - 6 1/4"	0.24	0.39	OITC 31	GL3	Exterior
ST14	YKK	YCW75XT	6' - 8"	0.24	0.39	OITC 31	GL3	Exterior
ST15	YKK	YCW75XT	8' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST16	YKK	YCW75XT	11' - 0 1/2"	0.24	0.39	OITC 31	GL3	Exterior
ST17	YKK	YCW75XT	7' - 7"	0.24	0.39	OITC 31	GL3	Exterior
ST18	YKK	YCW75XT	11' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST19	YKK	YCW75XT	16' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST20	YKK	YCW75XT	11' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST21	YKK	YCW75XT	3' - 11"	0.24	0.39	OITC 31	GL3	Exterior
ST22	YKK	YCW75XT	11' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST23	YKK	YCW75XT	16' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST24	YKK	YCW75XT	8' - 7 3/4"	0.24	0.39	OITC 31	GL3	Exterior
ST25	YKK	YCW75XT	4' - 8"	0.24	0.39	OITC 31	GL3	Exterior
ST26	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST27	YKK	YCW75XT	4' - 6"	0.24	0.39	OITC 31	GL3	Exterior
ST28	YKK	YCW75XT	16' - 8"	0.24	0.39	OITC 31	GL3	Exterior

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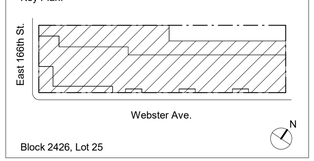
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P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Window, Storefront & Glazing Schedules

Date	08/30/2024
Scale	
Drawn By	Author
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Project No.	2231

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Sheet No.:

A-332.00



1 East Elevation - Sound Attenuation Diagram
1/16" = 1'-0"



2 South Elevation - Sound Attenuation Diagram
1/16" = 1'-0"

OITC VALUES BY FACADE	
LOCATION	OITC VALUES
EAST	29 (FIXED WINDOWS), 30 (OPERABLE WINDOWS)
SOUTH	29 (FIXED WINDOWS), 30 (OPERABLE WINDOWS)
WEST	NO OITC REQUIREMENT
NORTH	NO WINDOWS

OITC ELEVATION DIAGRAM COLOR KEY:

Fixed Window: Intus Supera 74 AW Fixed (OITC 29)
(1") IG:
6 mm AviSafe Bird Glass Exterior
14 mm Argon Gap
4 mm Suncool 70/40 Interior

Operable Window: Intus Supera 74 AW Operable (OITC 30)
(1") IG:
6 mm AviSafe Bird Glass Exterior
14 mm Argon Gap
4 mm Suncool 70/40 Interior

Storefront System & Door YKK YCW 750 XT (OITC 31)
1" IG:
7/16" Laminated Exterior
3/8" Air Space
3/16" Annealed Interior

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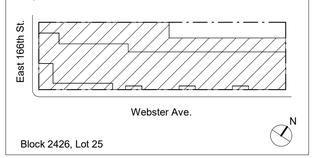
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

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Issue: Pricing Set

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Sound Attenuation Diagrams

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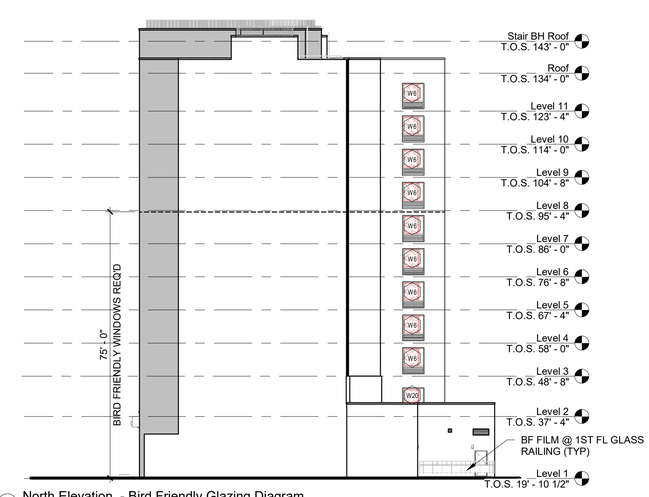
A1 East Elevation - Bird Friendly Glazing Diagram
3/64" = 1'-0"



B1 West Elevation - Bird Friendly Glazing Diagram
3/64" = 1'-0"



C1 South Elevation - Bird Friendly Glazing Diagram
3/64" = 1'-0"



C2 North Elevation - Bird Friendly Glazing Diagram
3/64" = 1'-0"

BIRD FRIENDLY FILM

OPERABLE PANELS WITH INSECT SCREENS

NOTES:
1. BIRD FRIENDLY FILM IS NOT REQUIRED ON OPERABLE PANEL WITH INSECT SCREEN.
2. REFER TO WINDOW SCHEDULE ON A-332 SHEET FOR GLAZING SPECIFICATION.

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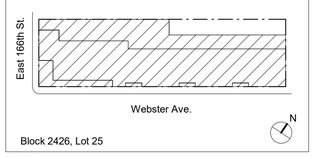
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

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Key Plan

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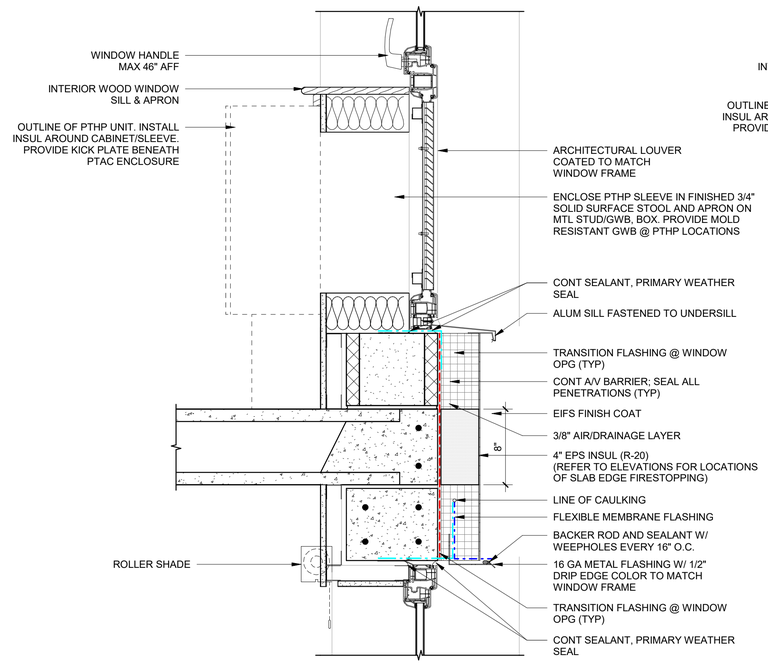
Bird Friendly Diagram

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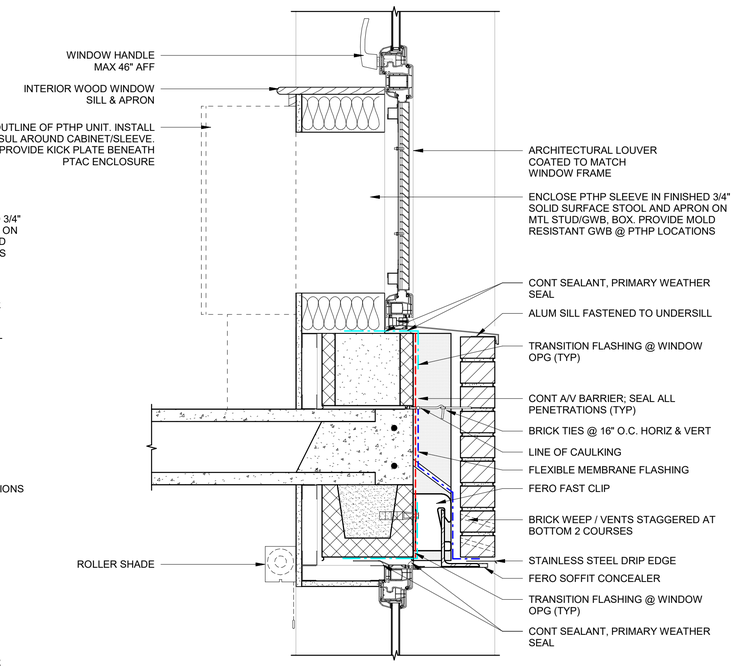
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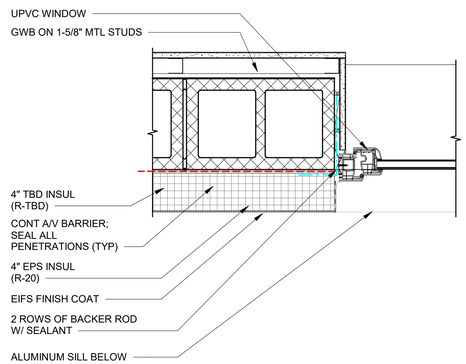
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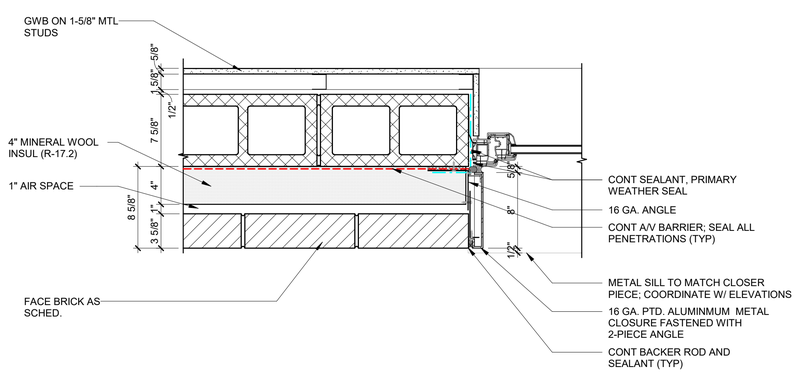
B2 Section Detail - Typ. EIFS Between Casement Windows
1 1/2" = 1'-0"



B3 Section Detail - Window Head & Sill @ Brick
1 1/2" = 1'-0"



C2 Plan Detail - Typ. Window Jamb at EIFS
1 1/2" = 1'-0"



C3 Plan Detail - Typ. Window Jamb - Brick
1 1/2" = 1'-0"

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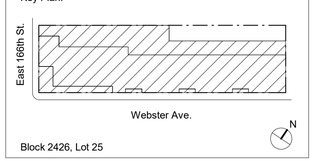
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Window Details

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Project No.	2231

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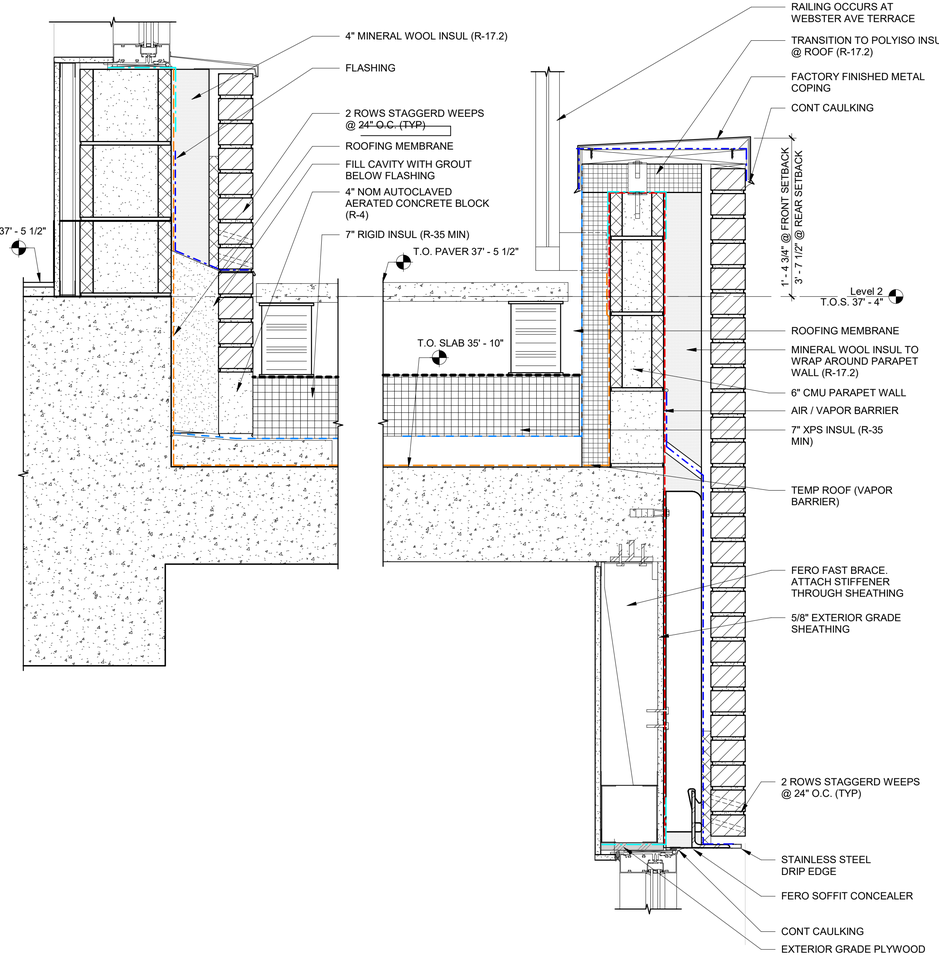
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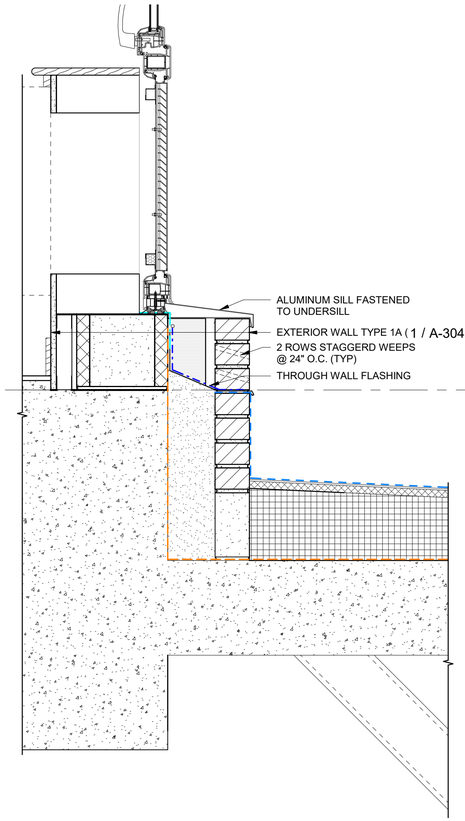
BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE

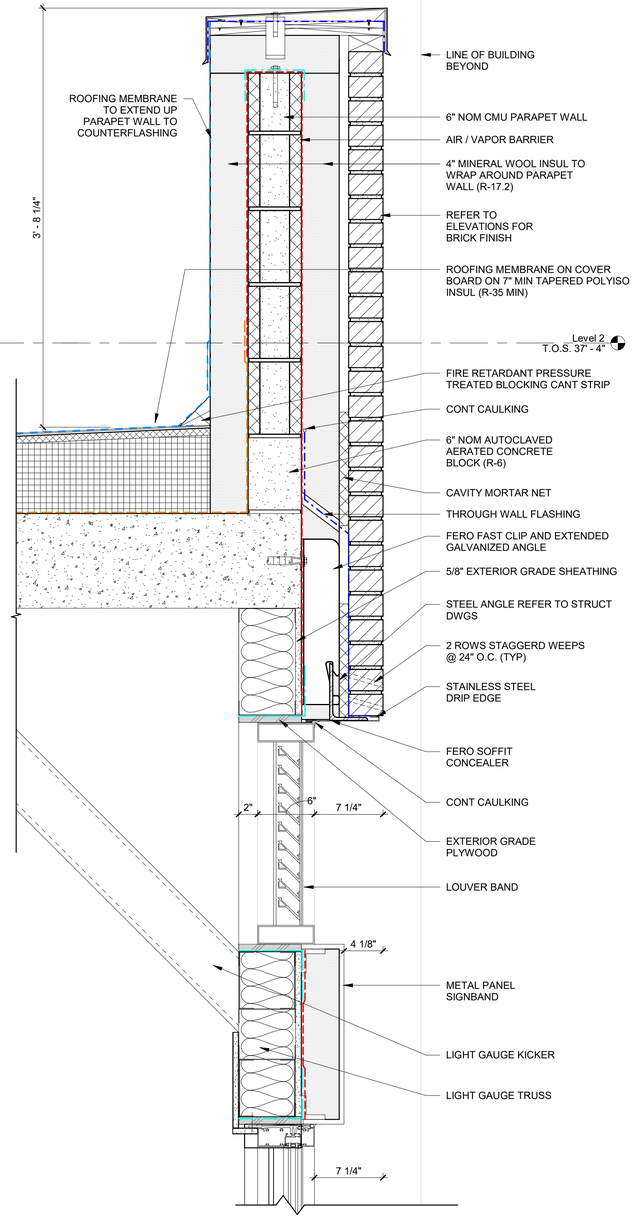


C1 Section Detail - Roof Type 2 @ 2nd Floor Terrace Setback
1 1/2" = 1'-0"

C2 Section Detail - 2nd Floor Terrace Roof at Parapet / Railing
1 1/2" = 1'-0"



C3 Section Detail @ Residential Setback Exterior Wall
1 1/2" = 1'-0"



C4 Section Detail @ Residential Setback Parapet
1 1/2" = 1'-0"

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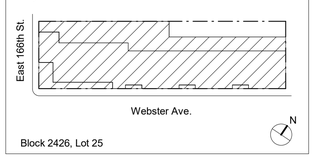
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Parapet and Roof Details

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

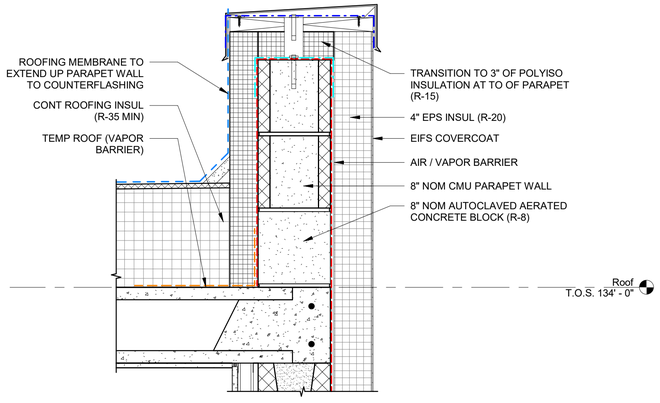
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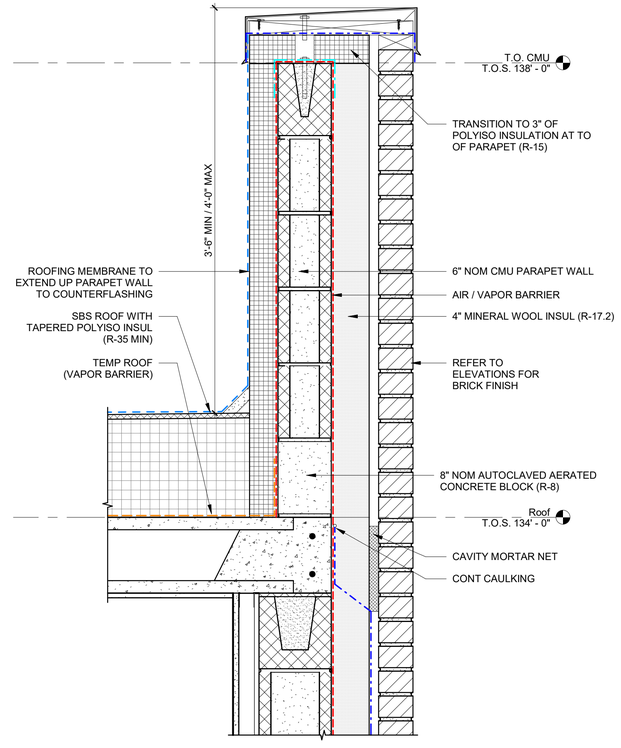
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BARRIERS AND MEMBRANES LEGEND
(BEST VIEWED IN COLOR)

- AIR / VAPOR BARRIER
- TRANSITION FLASHING AT OPENINGS
- FLASHING
- FOUNDATION WATERPROOFING
- ROOFING MEMBRANE
- TEMP ROOF
- VAPOR BARRIER
- BARRIER CONTINUITY TAPE



C2 Typ Section Detail @ EIFS
1 1/2" = 1'-0"



C3 Typ Section Detail @ Brick Parapet
1 1/2" = 1'-0"

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P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Block 2426, Lot 25

Key Plan

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Parapet and Roof Details

Date	08/30/2024
Scale	As indicated
Drawn By	DK
Checked By	RE/BG
Project No.	2231

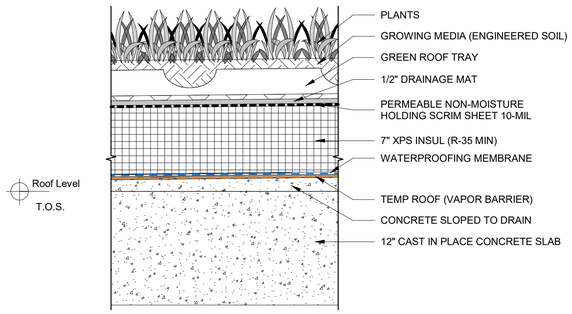
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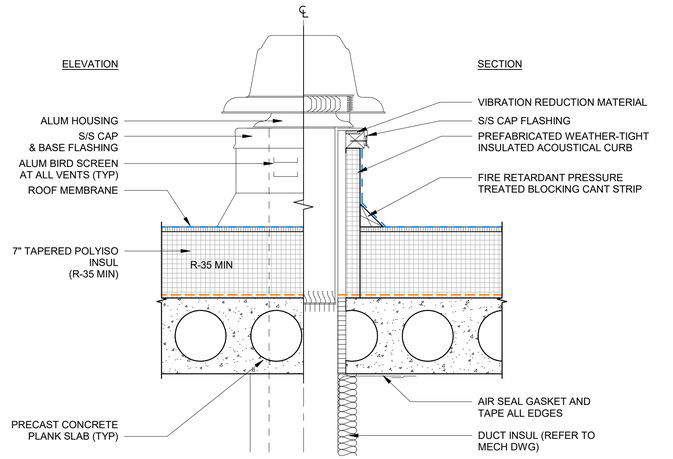
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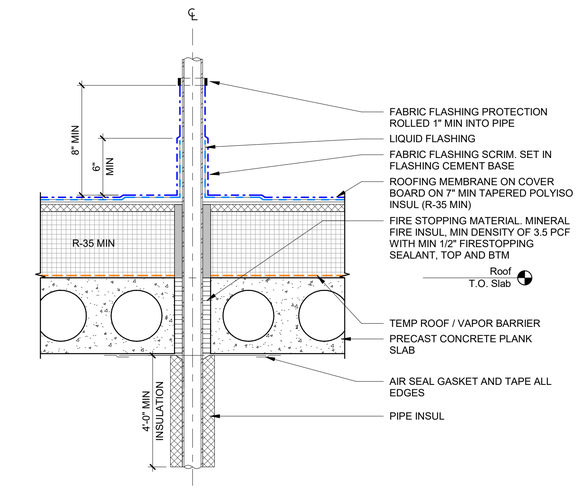
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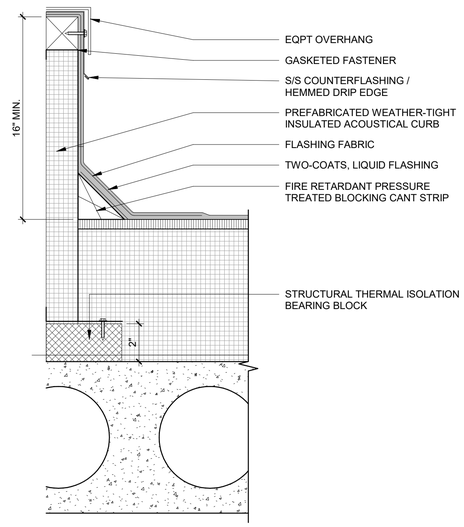
A2 TYP. Green Roof Assembly @ Roof Type 2
1 1/2" = 1'-0"



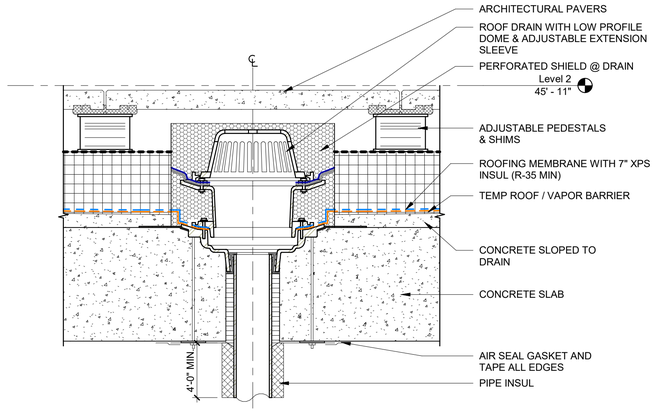
A4 Exhaust Fan @ Roof Type 1
1 1/2" = 1'-0"



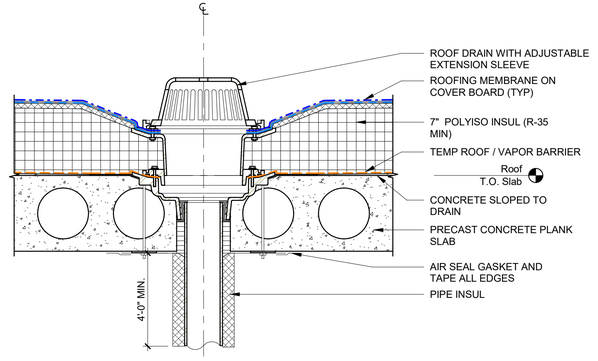
B4 Pipe Penetration @ Roof Type 1
1 1/2" = 1'-0"



C1 Roof Equipment Curb @ Roof Type 1
3" = 1'-0"



C2 Roof Drain at Paver @ Roof Type 2
1 1/2" = 1'-0"



C3 Typical Roof Drain @ Roof Type 1
1 1/2" = 1'-0"

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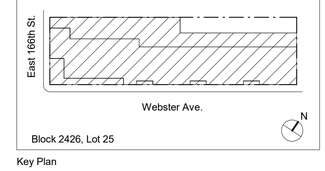
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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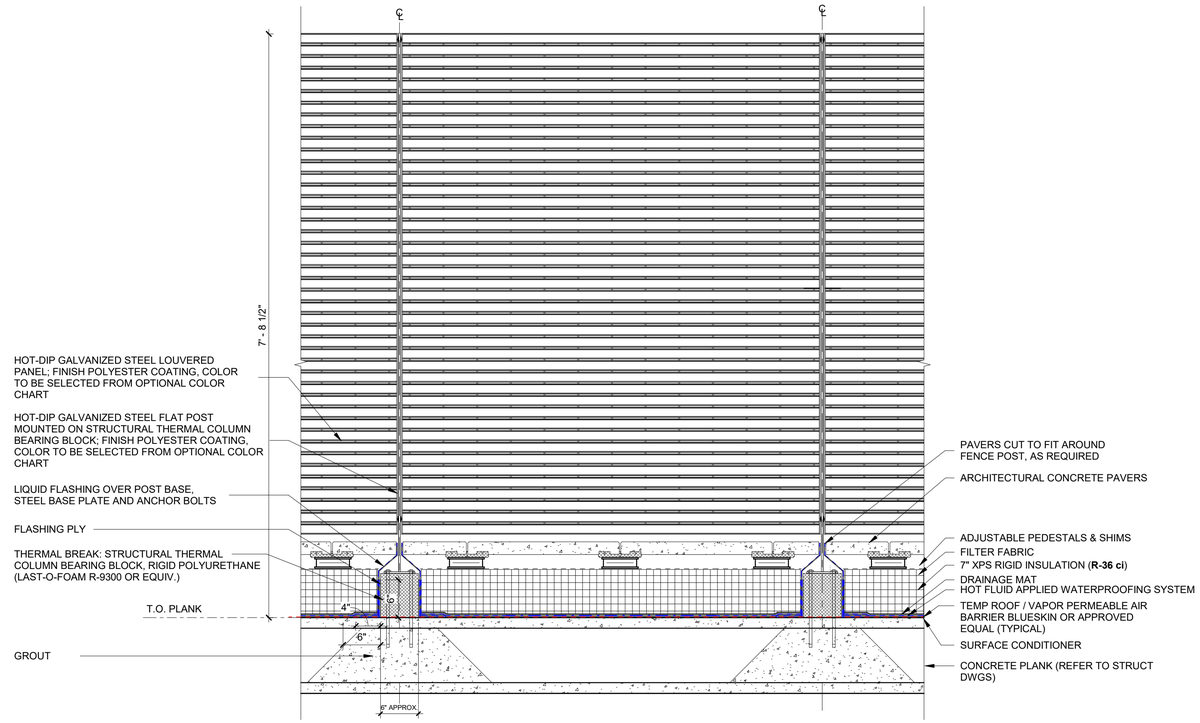
Roof Details

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

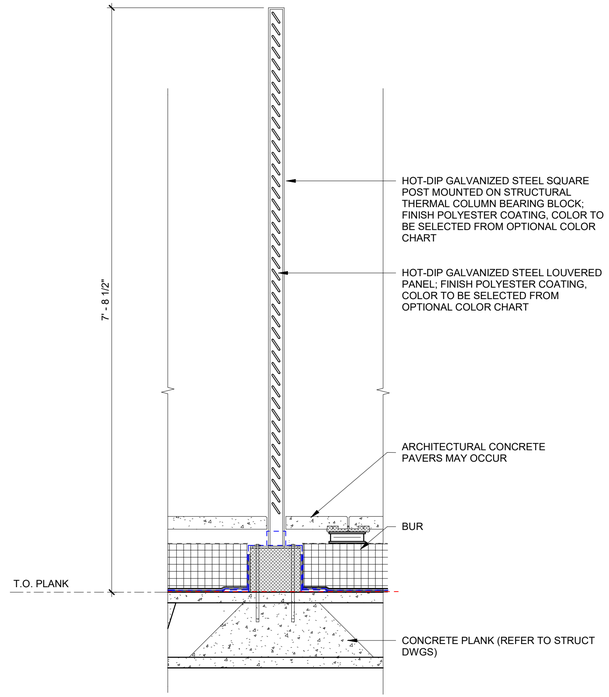
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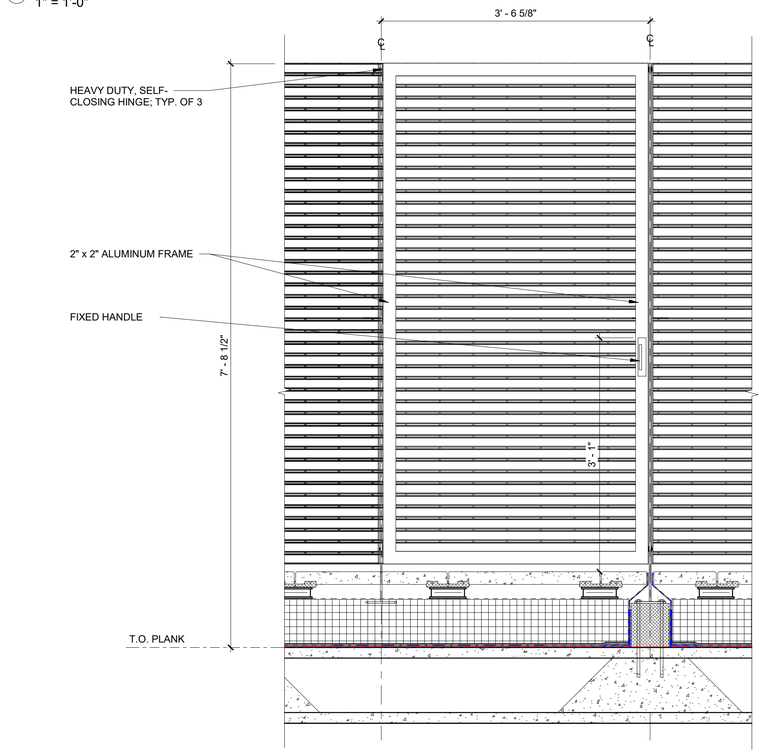
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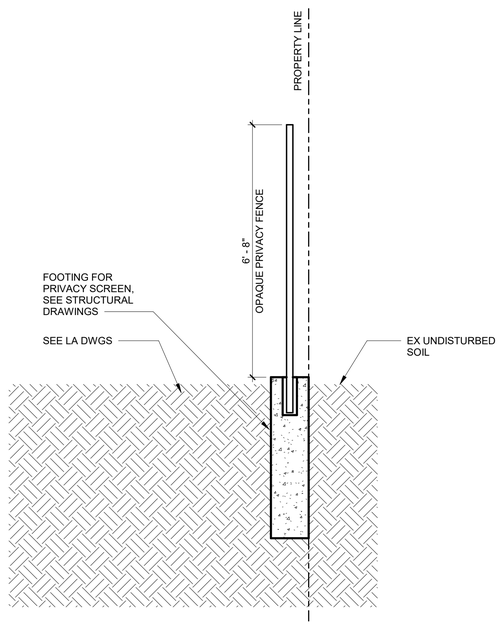
1 Louvered Screen
1" = 1'-0"



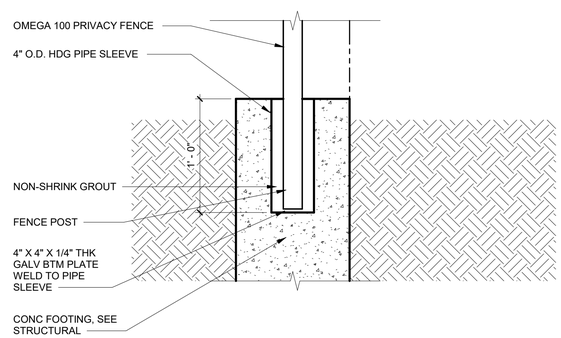
2 Louvered Screen Section
1" = 1'-0"



3 Louvered Screen with gate
1" = 1'-0"



4 Section Detail - Privacy Screen at Rear Yard at Grade
1/2" = 1'-0"



5 Section Detail - Privacy Screen Mounting Detail
1 1/2" = 1'-0"

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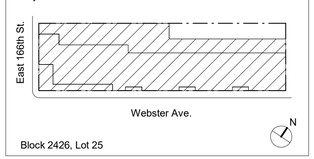
P4 Pricing Set 24-0830

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Mechanical Screen Details

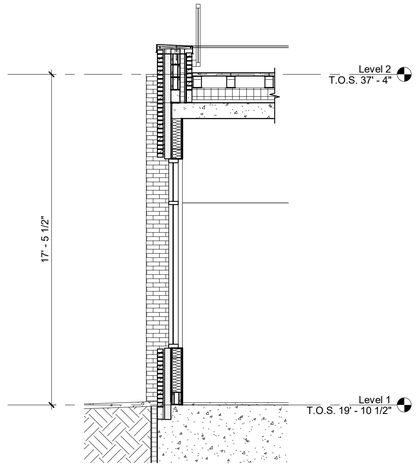
Date	08/30/2024
Scale	As indicated
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Project No.	2231

Seal

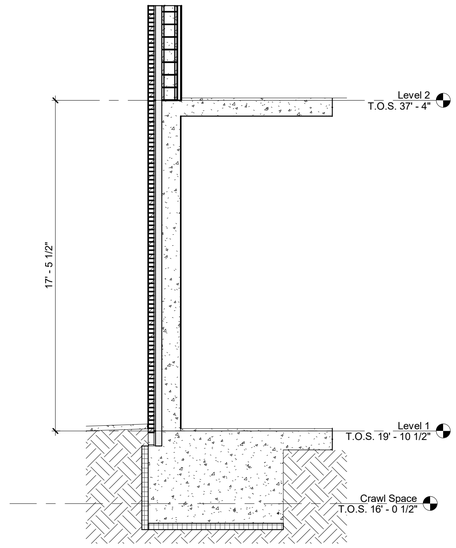
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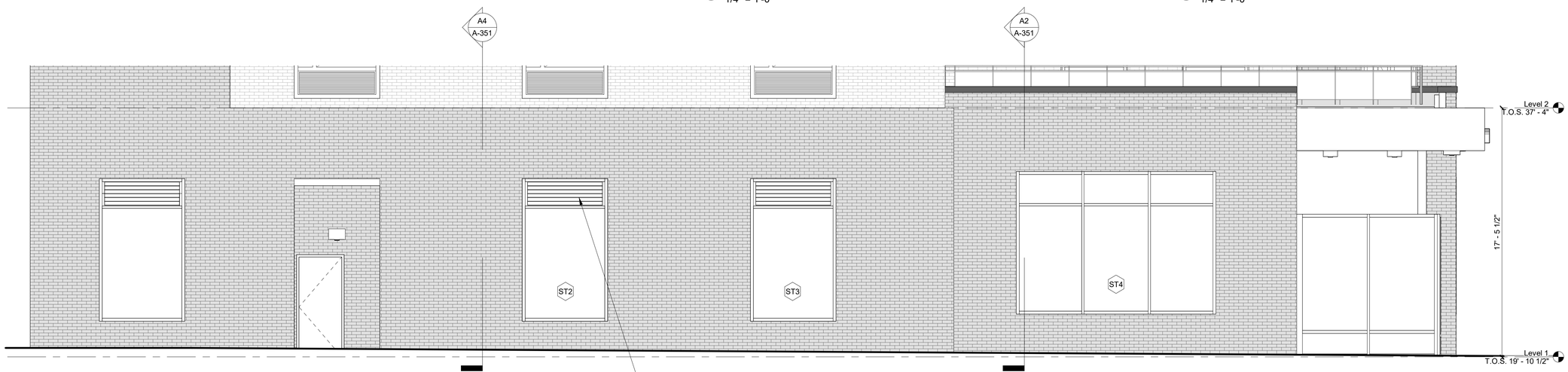
Storefront Schedule								
Mark	Manufacturer	Model	Length	Heat Transfer Coefficient (U)	SHGC	Acoustical (OITC)	Glazing	Function
ST7	YKK		15' - 6 1/4"					Interior
ST8	YKK		10' - 7"					Interior
ST11	YKK		13' - 6 1/2"					Interior
ST12	YKK		7' - 8 1/2"					Interior
ST13	YKK		6' - 2"					Interior
ST1	YKK	YCW75XT	14' - 0 1/4"	0.24	0.39	OITC 31	GL3	Exterior
ST2	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST3	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST4	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST5	YKK	YCW75XT	9' - 8"	0.24	0.39	OITC 31	GL3	Exterior
ST6	YKK	YCW75XT	16' - 1 3/4"	0.24	0.39	OITC 31	GL3	Exterior
ST7	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST8	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST9	YKK	YCW75XT	14' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST10	YKK	YCW75XT	26' - 6 1/4"	0.24	0.39	OITC 31	GL3	Exterior
ST14	YKK	YCW75XT	6' - 8"	0.24	0.39	OITC 31	GL3	Exterior
ST15	YKK	YCW75XT	8' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST16	YKK	YCW75XT	11' - 0 1/2"	0.24	0.39	OITC 31	GL3	Exterior
ST17	YKK	YCW75XT	7' - 7"	0.24	0.39	OITC 31	GL3	Exterior
ST18	YKK	YCW75XT	11' - 0"	0.24	0.39	OITC 31	GL3	Exterior
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ST21	YKK	YCW75XT	3' - 11"	0.24	0.39	OITC 31	GL3	Exterior
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ST23	YKK	YCW75XT	16' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST24	YKK	YCW75XT	8' - 7 3/4"	0.24	0.39	OITC 31	GL3	Exterior
ST25	YKK	YCW75XT	4' - 8"	0.24	0.39	OITC 31	GL3	Exterior
ST26	YKK	YCW75XT	6' - 0"	0.24	0.39	OITC 31	GL3	Exterior
ST27	YKK	YCW75XT	4' - 6"	0.24	0.39	OITC 31	GL3	Exterior
ST28	YKK	YCW75XT	16' - 8"	0.24	0.39	OITC 31	GL3	Exterior



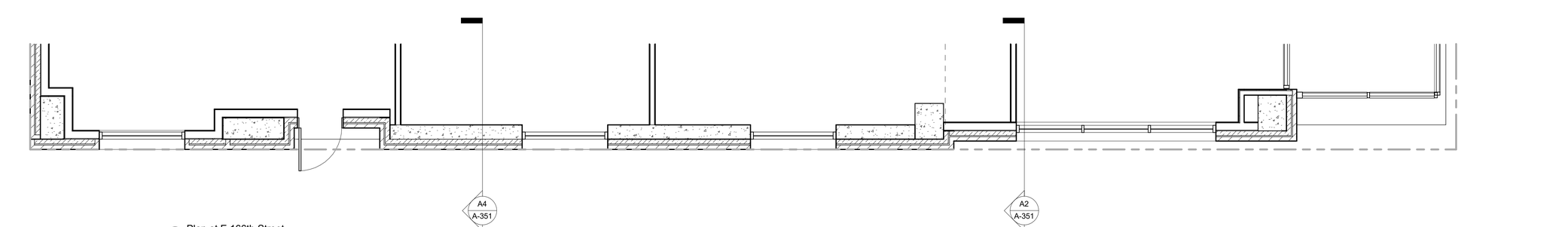
A2 Section Through Community Facility at E 166th St.
1/4" = 1'-0"



A4 Section Through Community Facility at Shear Wall
1/4" = 1'-0"



B1 South Elevation at E 166th Street
1/4" = 1'-0"



C1 Plan at E 166th Street
1/4" = 1'-0"

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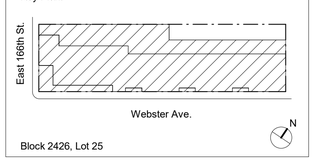
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Key Plan

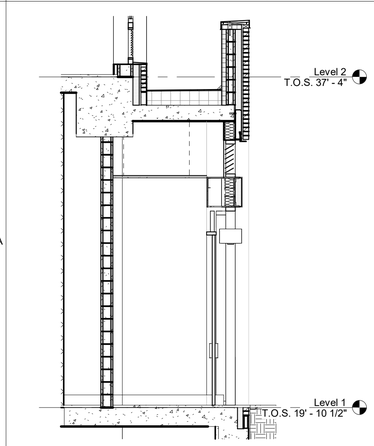
Storefront & Entry Details

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

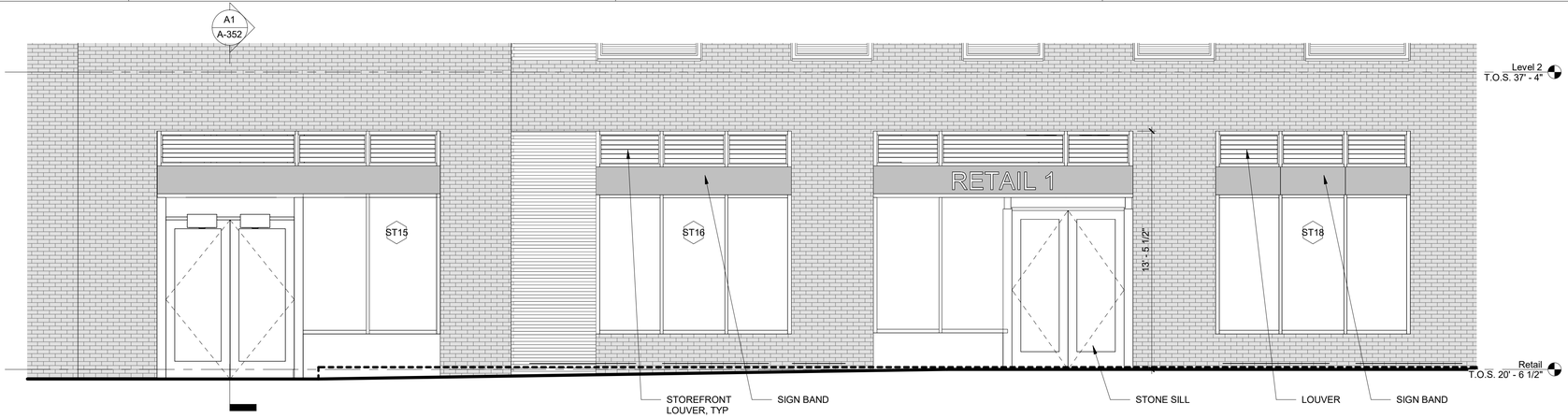
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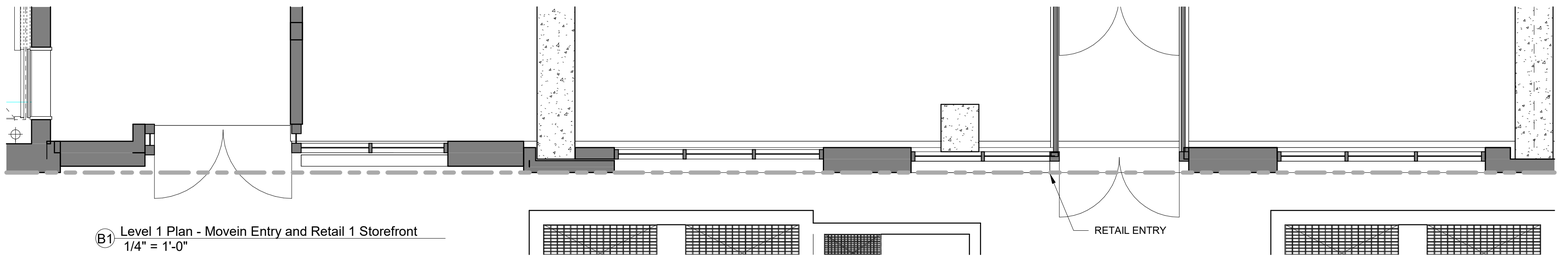
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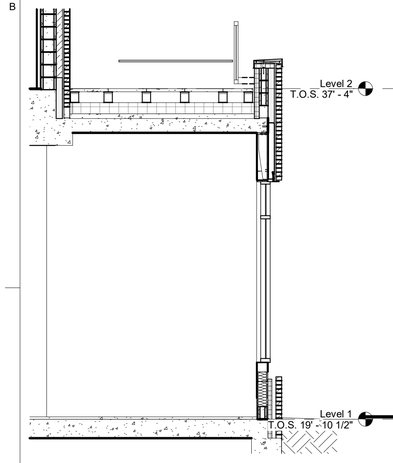
A1 Section Through Movein Entry
1/4" = 1'-0"



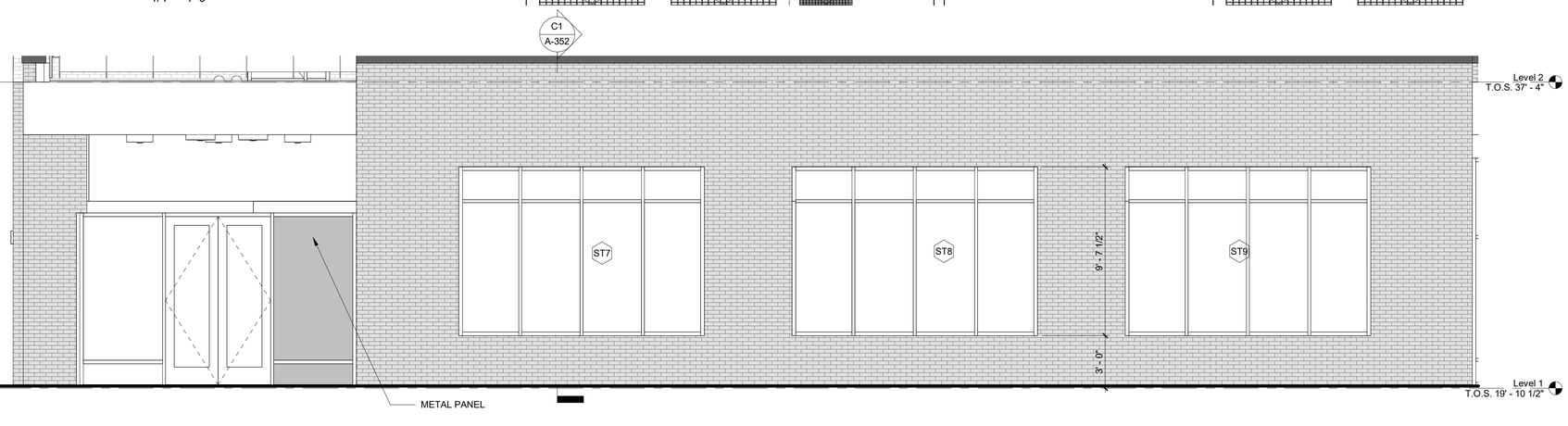
A2 East Elevation - Movein Entry and Retail 1 Storefront
1/4" = 1'-0"



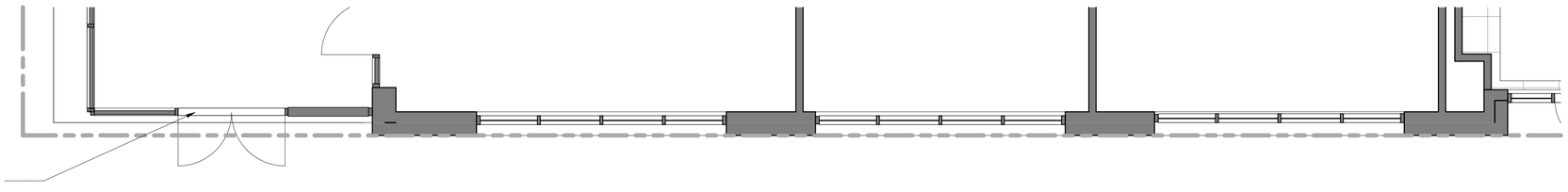
B1 Level 1 Plan - Movein Entry and Retail 1 Storefront
1/4" = 1'-0"



C1 Section at Community Facility E Elevation Typ.
1/4" = 1'-0"



C2 East Elevation - Community Space Storefront
1/4" = 1'-0"



C3 Level1Plan - Community Space Storefront
1/4" = 1'-0"

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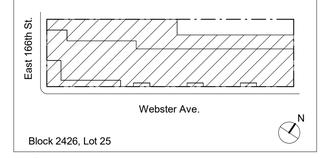
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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C2
A-521

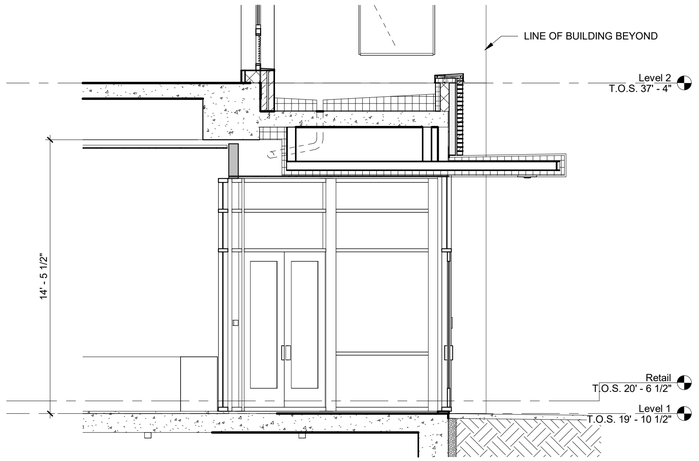
Storefront & Entry Details

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

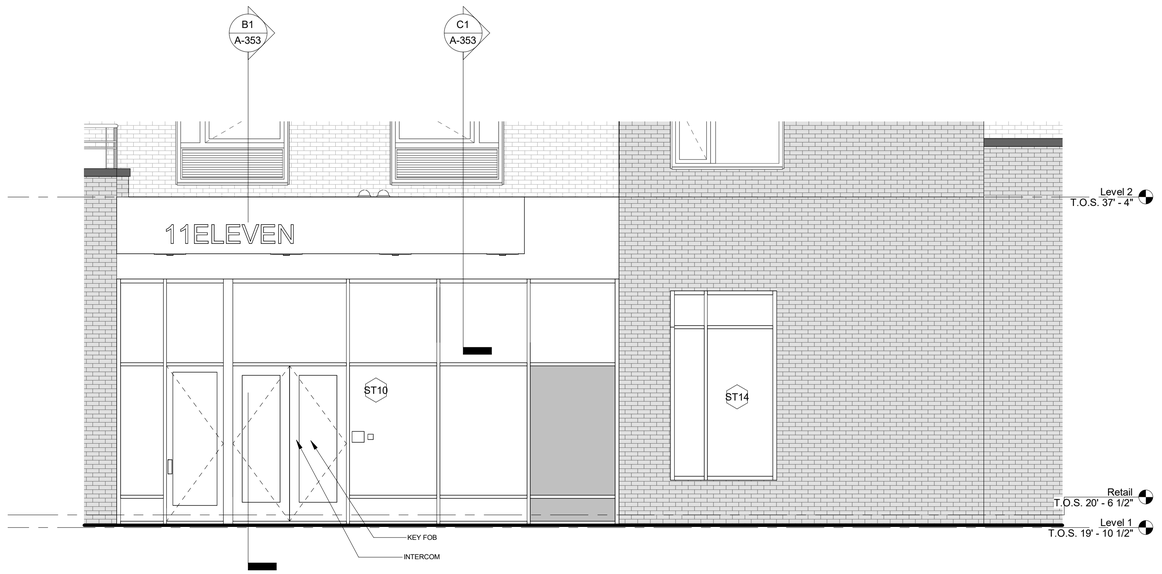
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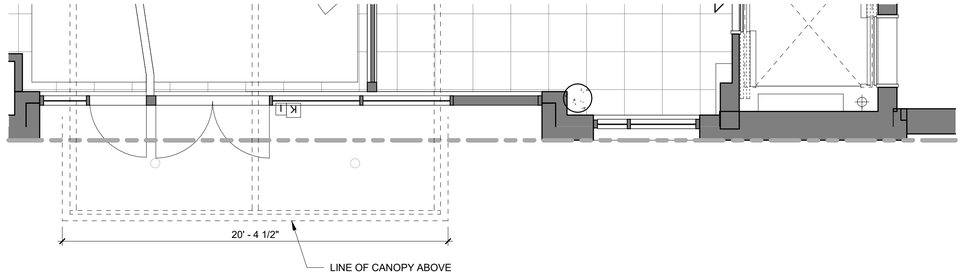
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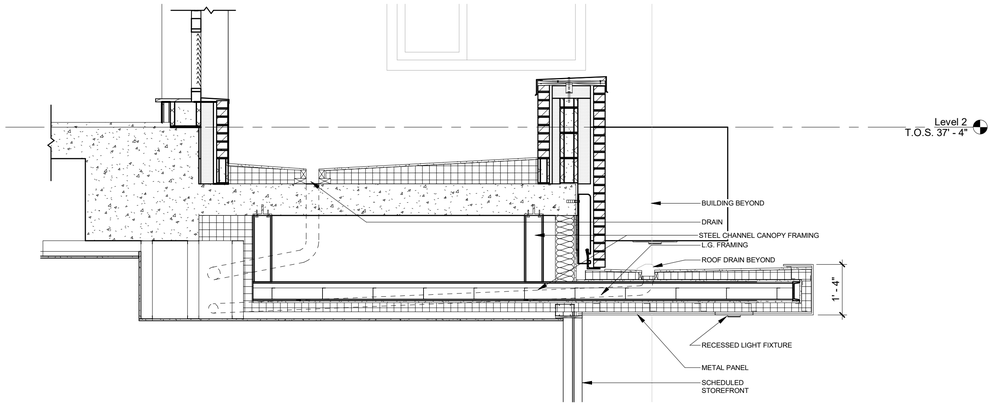
B1 Lobby Entrance Section
1/4" = 1'-0"



B2 East Elevation - Lobby Storefront
1/4" = 1'-0"



C3 Level 1 - Lobby Storefront Plan
1/4" = 1'-0"



C1 Detail SectionThrough Lobby Canopy
1/2" = 1'-0"

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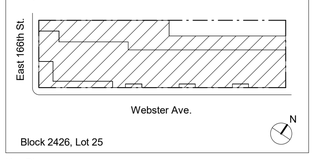
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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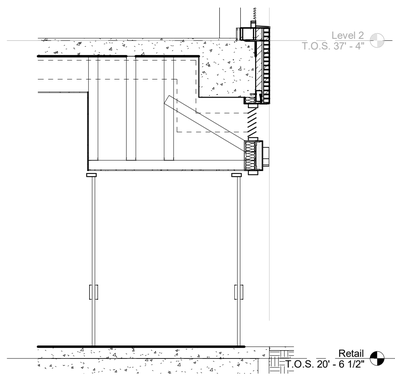
Lobby Storefront & Canopy Details

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

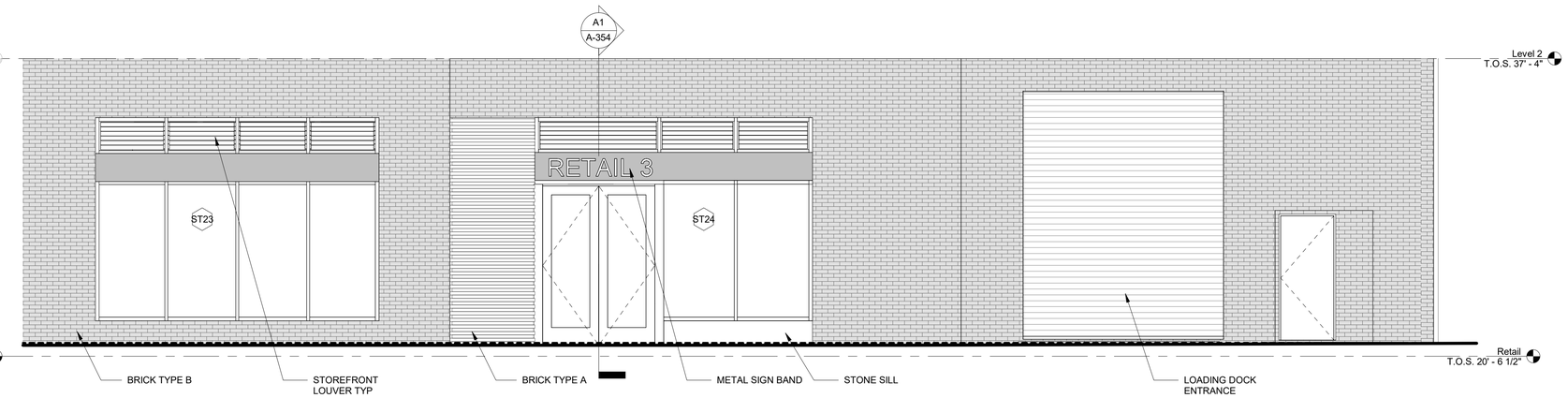
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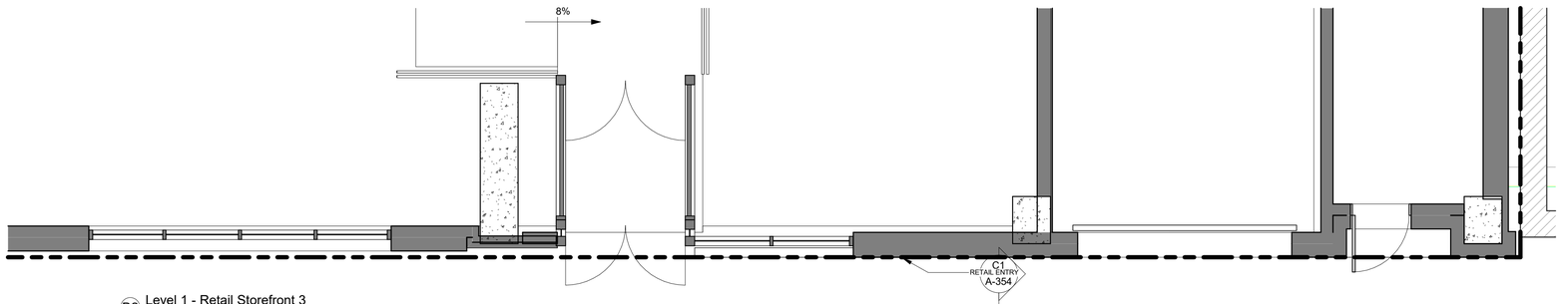
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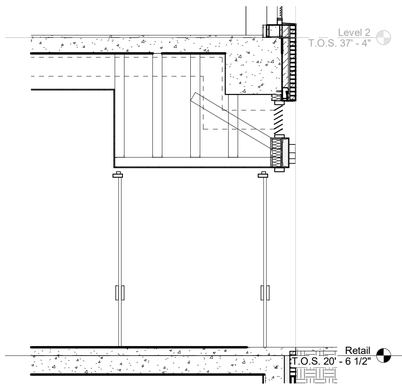
A1 Section Through Retail 3 Entry
1/4" = 1'-0"



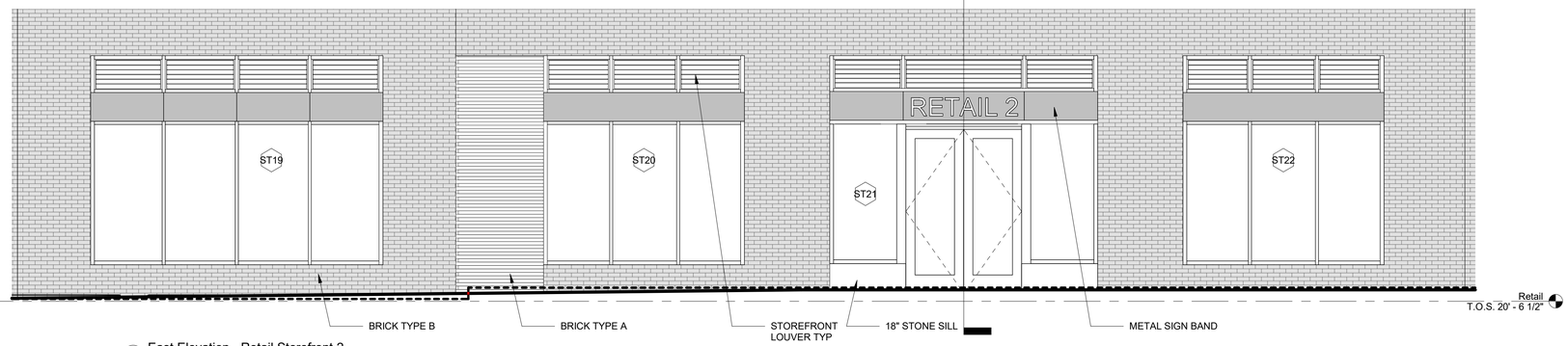
A2 East Elevation - Retail Storefront 3
1/4" = 1'-0"



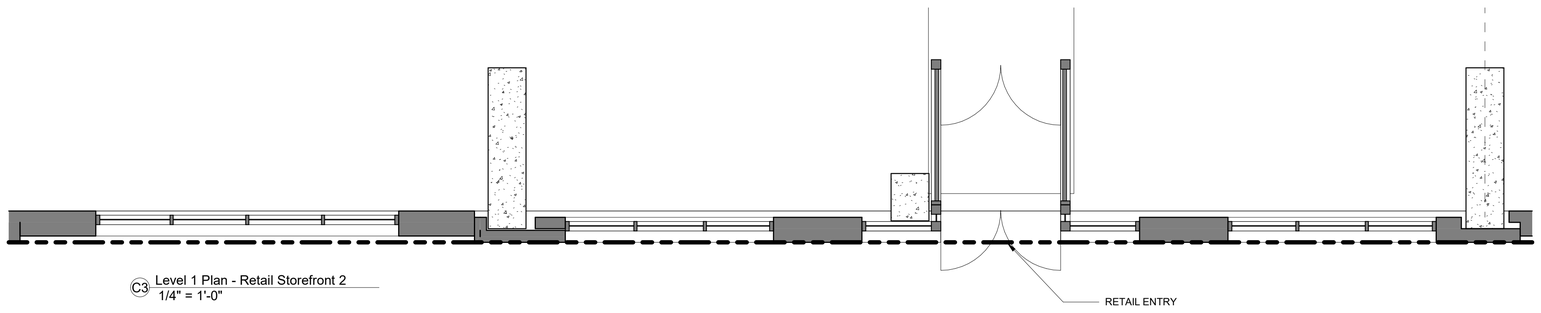
B2 Level 1 - Retail Storefront 3
1/4" = 1'-0"



C1 Section Through Retail 2 Entry
1/4" = 1'-0"



C2 East Elevation - Retail Storefront 2
1/4" = 1'-0"



C3 Level 1 Plan - Retail Storefront 2
1/4" = 1'-0"

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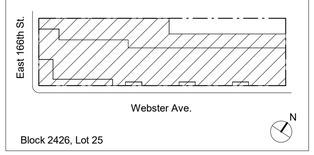
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Storefront & Entry Details

Date	08/30/2024
Scale	1/4" = 1'-0"
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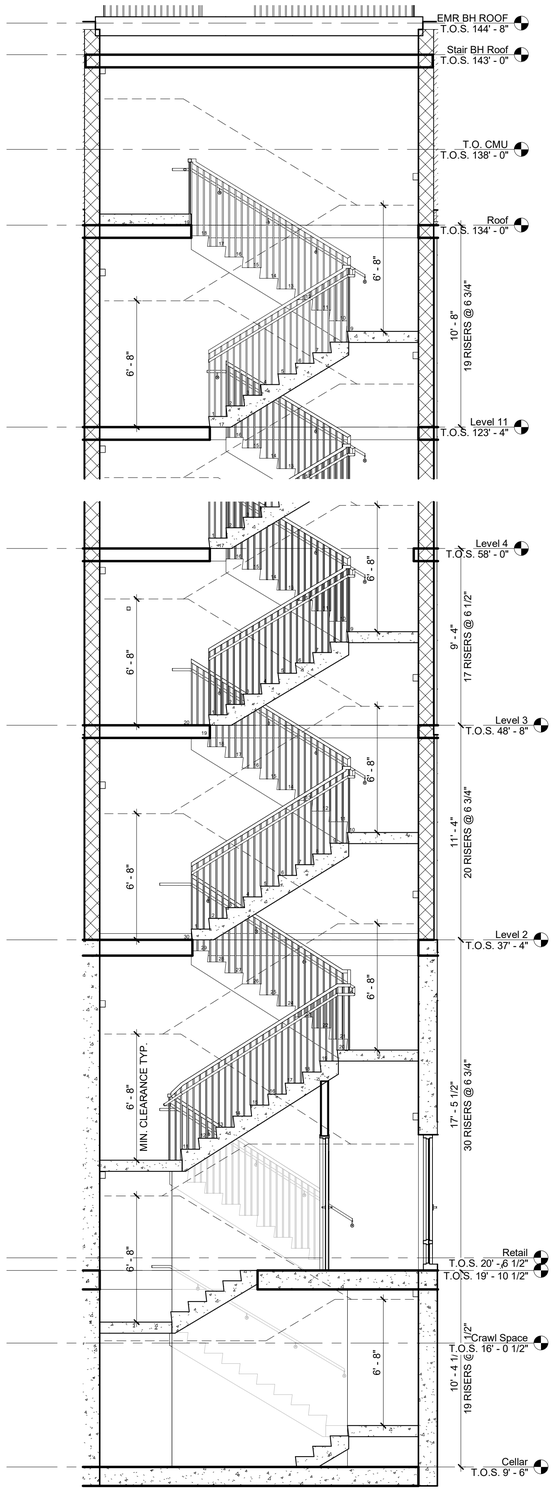
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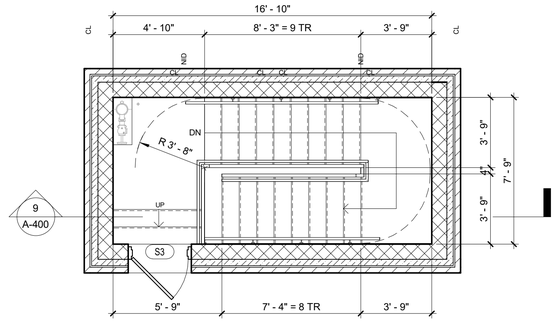
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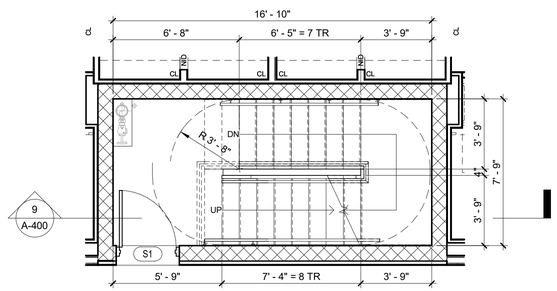
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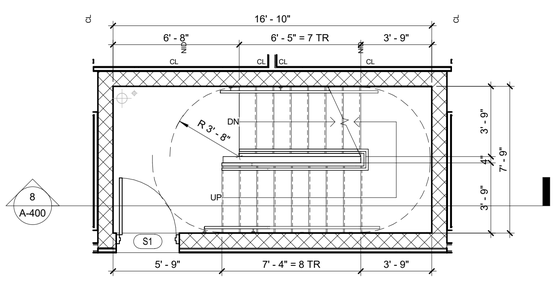
8 Stair A Section - Cellar - Level 9
1/4" = 1'-0"



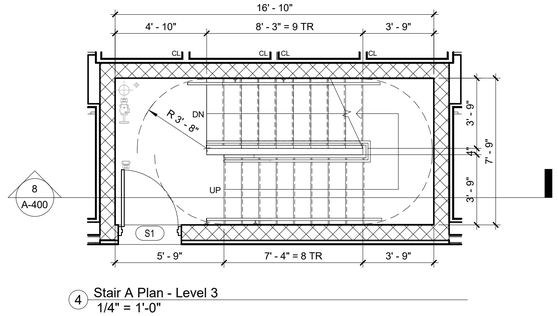
7 Stair A Plan - Roof
1/4" = 1'-0"



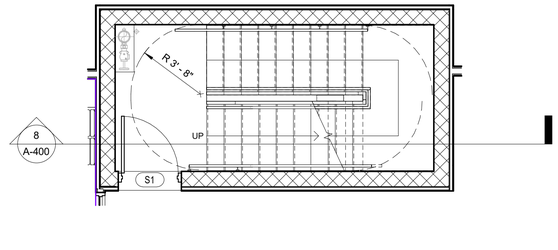
6 Stair A Plan - Level 11
1/4" = 1'-0"



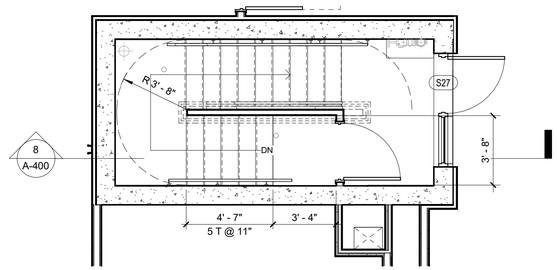
5 Stair A Plan - Levels 4-10
1/4" = 1'-0"



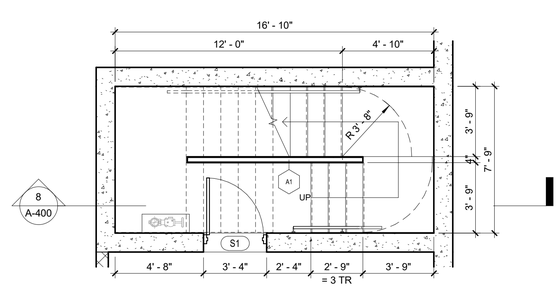
4 Stair A Plan - Level 3
1/4" = 1'-0"



3 Stair A Plan - Level 2
1/4" = 1'-0"



2 Stair A Plan - Level 1
1/4" = 1'-0"



1 Stair A Plan - Cellar
1/4" = 1'-0"

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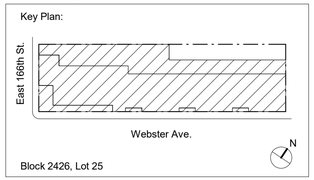
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Stair A - Plans and Sections

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

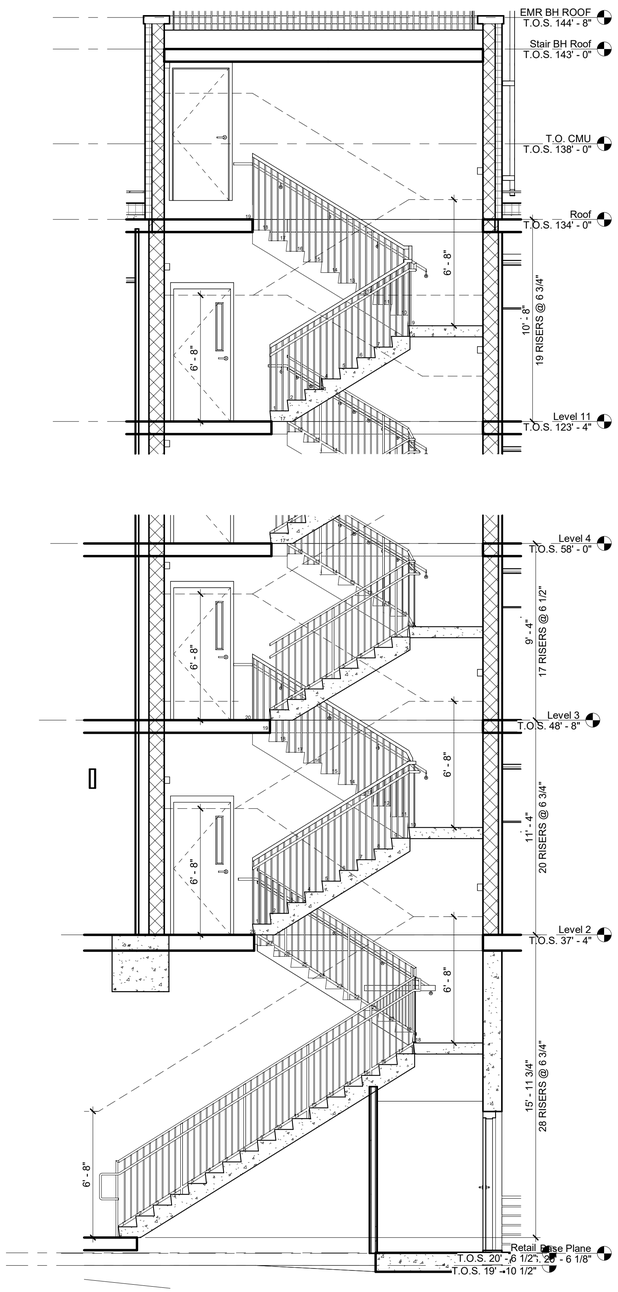
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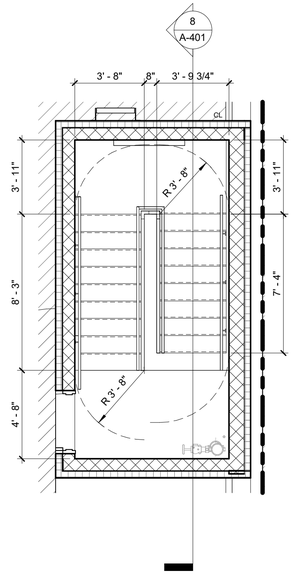
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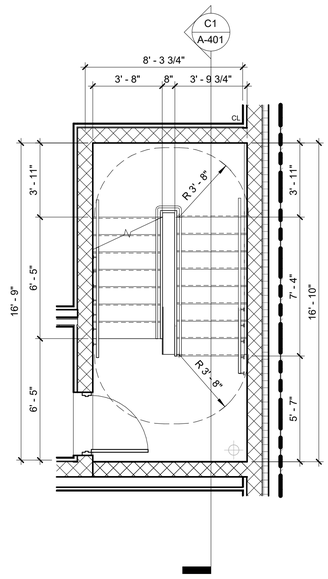
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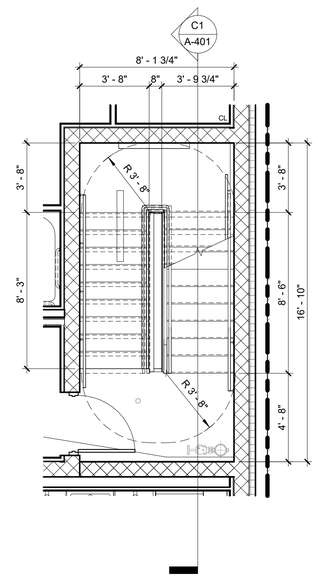
C1 Stair B Section - Cellar - Level 9
1/4" = 1'-0"



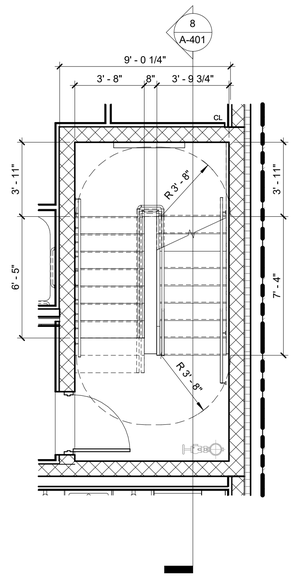
B2 Stair B Plan - Roof
1/4" = 1'-0"



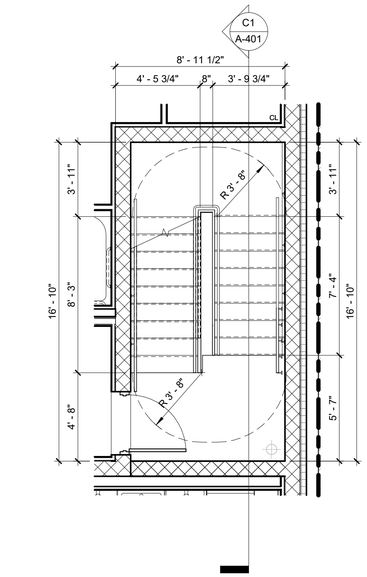
B3 Stair B Plan - Levels 4-10
1/4" = 1'-0"



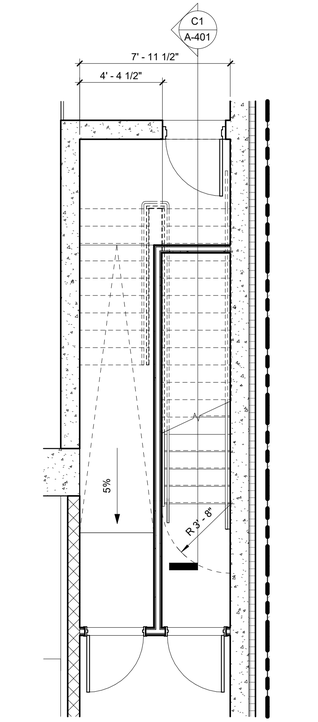
B4 Stair B Plan - Level 2
1/4" = 1'-0"



C2 Stair B Plan - Level 11
1/4" = 1'-0"



C3 Stair B Plan - Level 3
1/4" = 1'-0"



C4 Stair B Plan - Level 1
1/4" = 1'-0"

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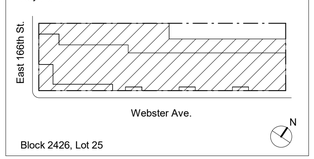
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Stair B - Plans and Sections

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

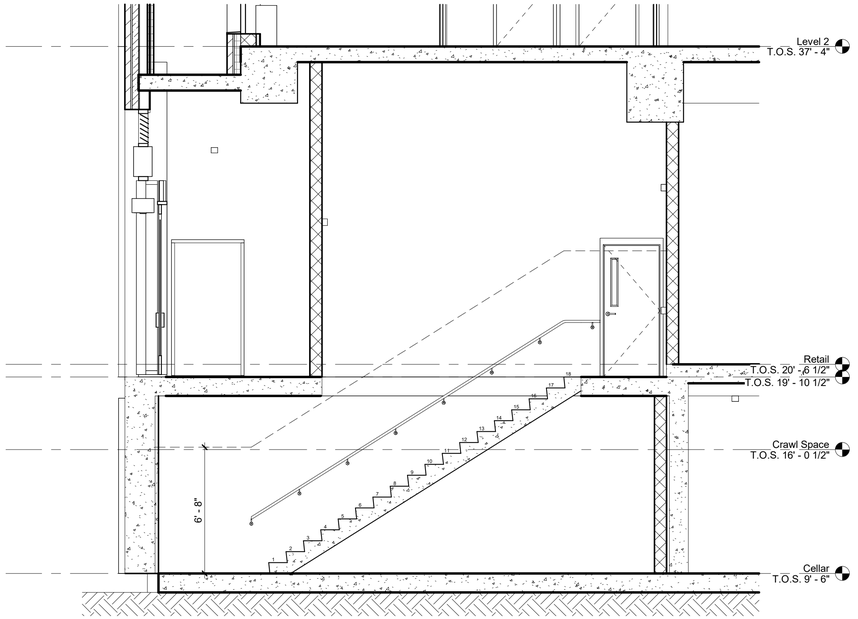
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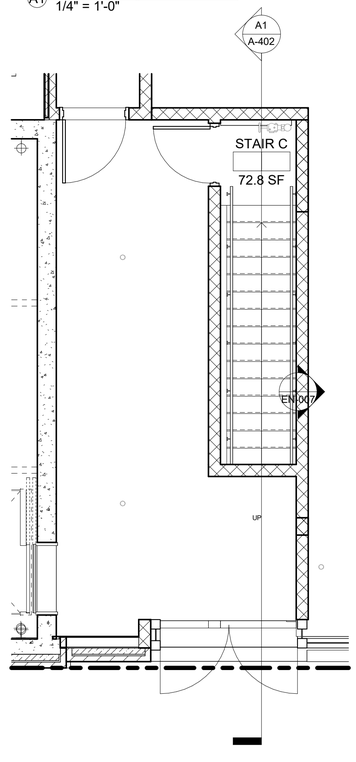
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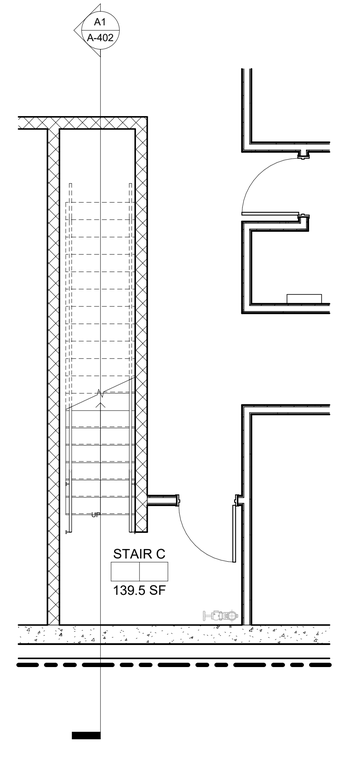
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A1 Section Through Stair C
1/4" = 1'-0"



C3 Stair C Plan - Level 1
1/4" = 1'-0"



C4 Stair C Plan - Cellar
1/4" = 1'-0"

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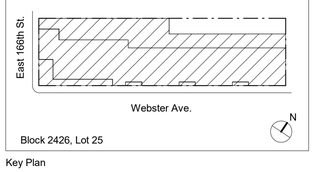
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Stair C Plans and Sections

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

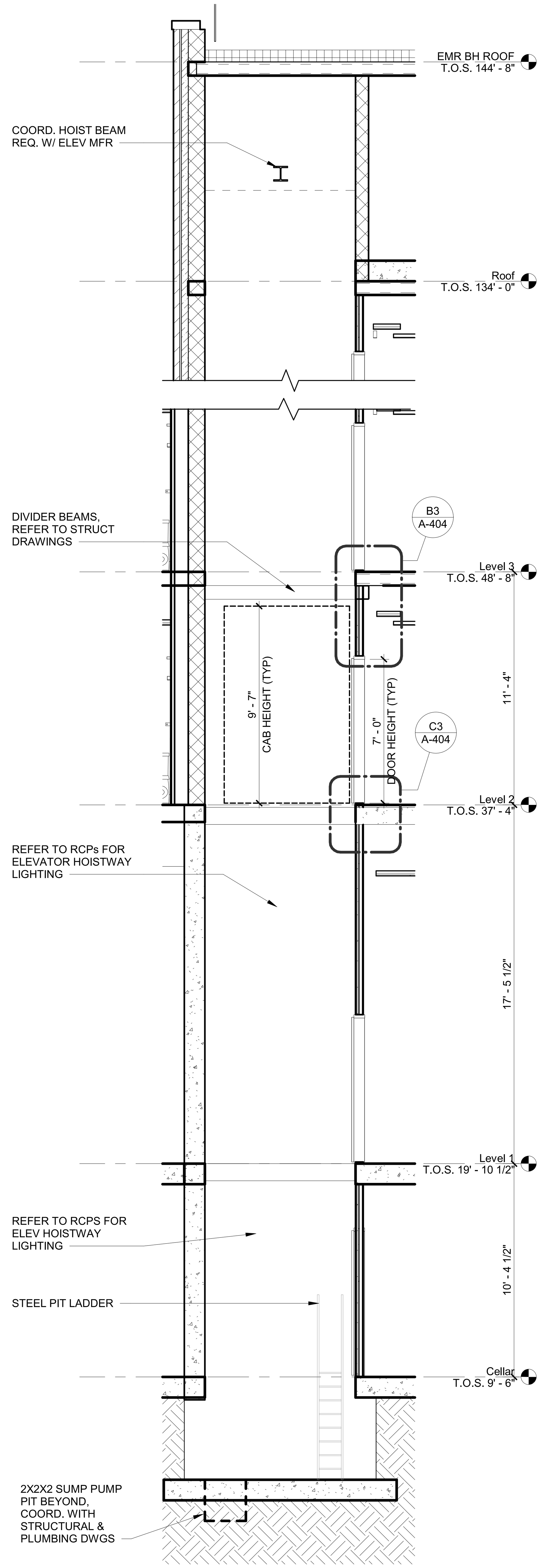
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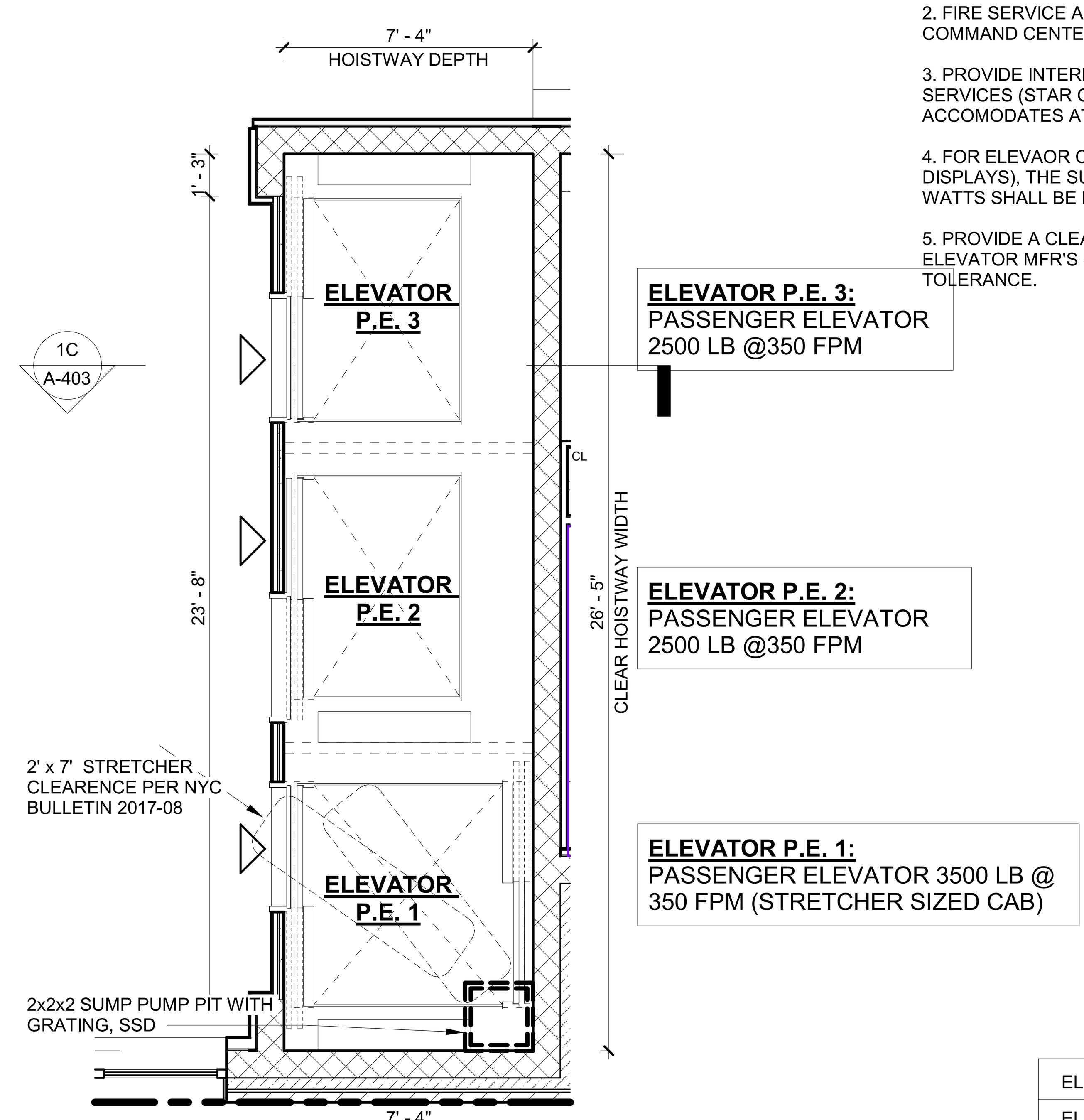
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1C Elevator Hoistway Section
1/4" = 1'-0"



2C Elevator Plan - Typ.
1/4" = 1'-0"

ELEVATOR FLOOR LANDING SCHEDULE: PE-1, PE-2, PE-3			
STOP	FLOOR	ELEVATION*	SERVED BY ELEVATOR
12	11TH FLR	103' - 4"	PE-1, PE-2, PE-3
11	10TH FLR	94' - 0"	PE-1, PE-2, PE-3
10	9TH FLR	84' - 8"	PE-1, PE-2, PE-3
09	8TH FLR	75' - 4"	PE-1, PE-2, PE-3
08	7TH FLR	66' - 0"	PE-1, PE-2, PE-3
07	6TH FLR	56' - 8"	PE-1, PE-2, PE-3
06	5TH FLR	47' - 4"	PE-1, PE-2, PE-3
05	4TH FLR	38' - 0"	PE-1, PE-2, PE-3
04	3RD FLR	28' - 8"	PE-1, PE-2, PE-3
03	2ND FLR	17' - 4"	PE-1, PE-2, PE-3
02	1ST FLR	0' - 0"	PE-1, PE-2, PE-3
01	CELLAR	PE-1 -10'-6"	PE-1

*ELEVATIONS ARE MEASURED FROM TOP OF PLANK, COORD SILLS W/ FIN FLR

ELEVATOR NOTES:

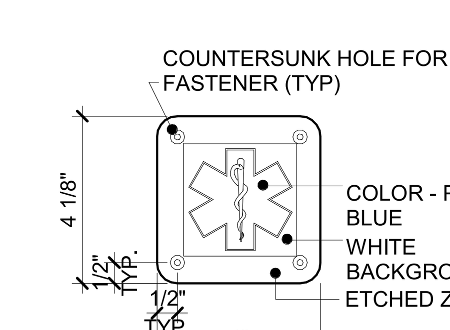
1. FIRE SERVICE ACCESS SYMBOL COMPYLYING WITH BC 3007.6.5.5 MUST BE PROVIDED ON EACH SIDE OF THE HOISTWAY DOOR FRAME.

2. FIRE SERVICE ACCESS ELEVATOR MUST BE MONITORED AT THE FIRE COMMAND CENTER AS PER NFPA 72.

3. PROVIDE INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES (STAR OF LIFE) TO IDENTIFY ELEVATOR THAT ACCOMODATES AT 84"X24" STRETCHER AS PER BC 3002.

4. FOR ELEVAOR CAB LUMINAIRES (NOT INCLUDING SIGNALS AND DISPLAYS), THE SUM OF THE LUMENS DIVIDED BY THE SUM OF THE WATTS SHALL BE NOT LESS THAN 35 LUMENS PER WATT.

5. PROVIDE A CLEAR PLUMB HOISTWAY OF THE SIZE INDICATED ON ELEVATOR MFR'S SHOP DRAWINGS. VARIATIONS MUST NOT EXCEED 2" TOLERANCE.



TYPE N4
'STAR OF LIFE' SIGN ELEVATION

STAR OF LIFE SYMBOL (SEE ELEVATOR NOTES THIS SHEET FOR ADDITIONAL INFO)

ELEVATOR SCHEDULE							
ELEV	TYPE	CAPACITY	SPEED	MAKE/MODEL	CAB HT	PIT DEPTH	REMARKS
PE-1	MLR TRACTION	3500 LB	350 FMP	TBD	9'-7"	5'-6"	CONFIRM PIT AND OVERHEAD W/MFR
PE-2	MLR TRACTION	2500 LB	350 FMP	TBD	9'-7"	5'-6"	CONFIRM PIT AND OVERHEAD W/MFR
PE-3	MLR TRACTION	2500 LB	350 FMP	TBD	9'-7"	5'-6"	CONFIRM PIT AND OVERHEAD W/MFR

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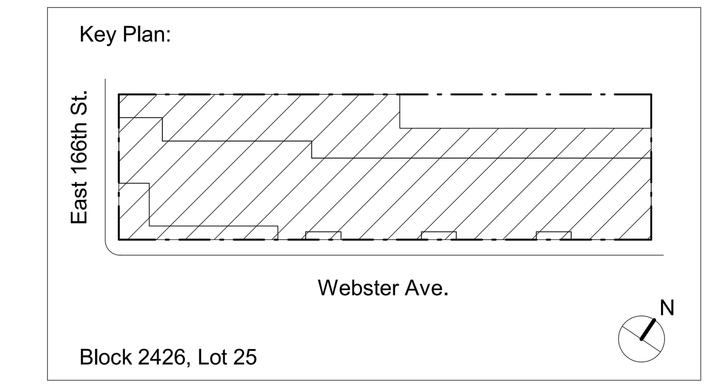
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

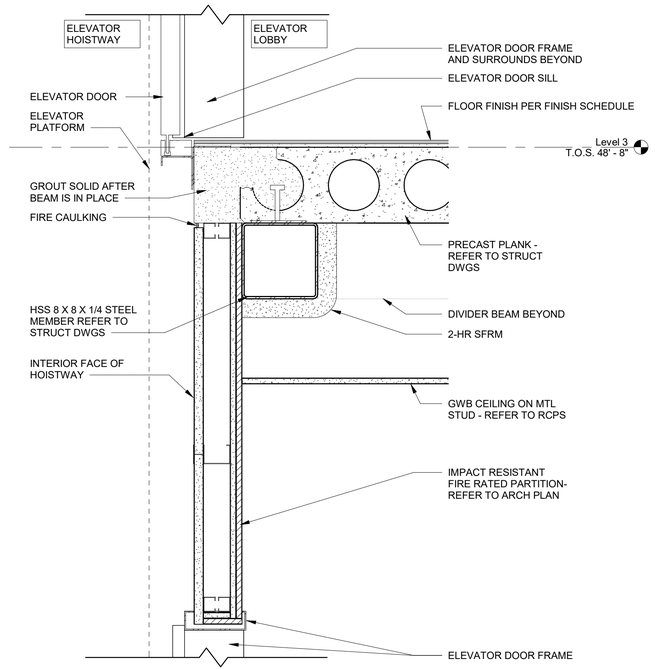
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Elevators - Plans and Sections

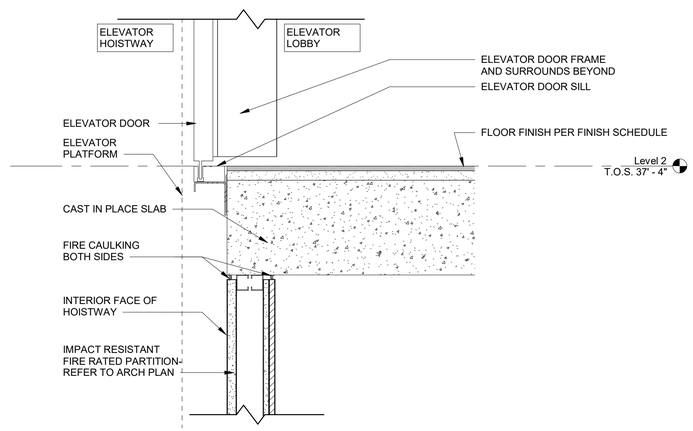
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Scale As indicated
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Project No. 2231 Seal
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B3 Sill detail at Typ. elevator hoistway
1 1/2" = 1'-0"



C3 Sill detail at 2nd floor elevator hoistway
1 1/2" = 1'-0"

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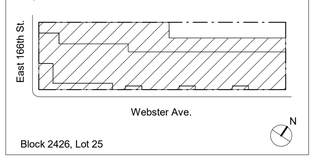
P4	Pricing Set	24-0830
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P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Elevators - Plans and Sections

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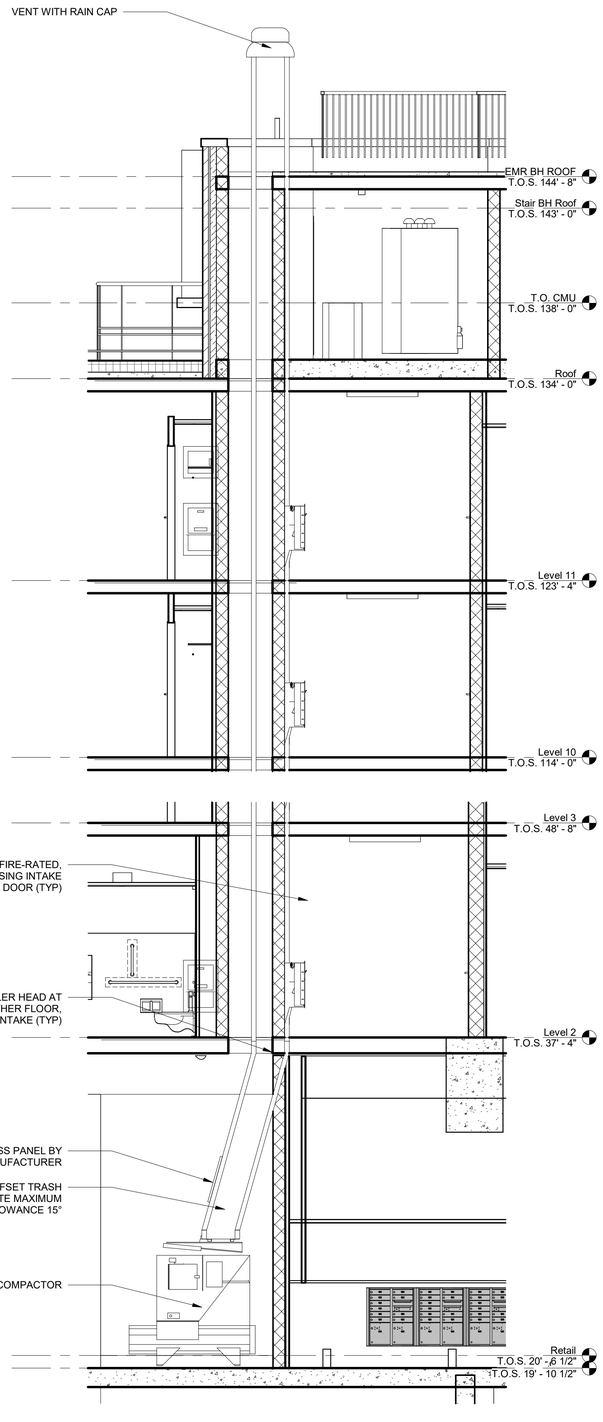
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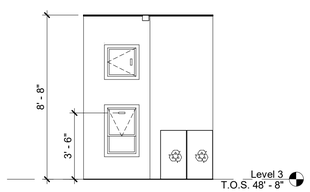
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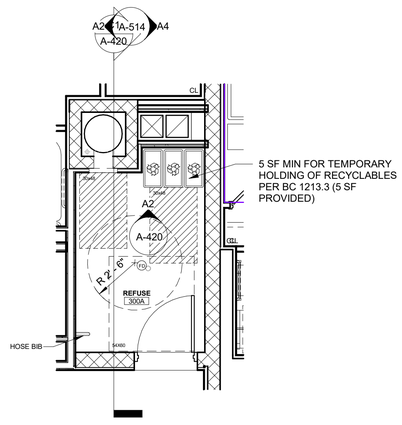
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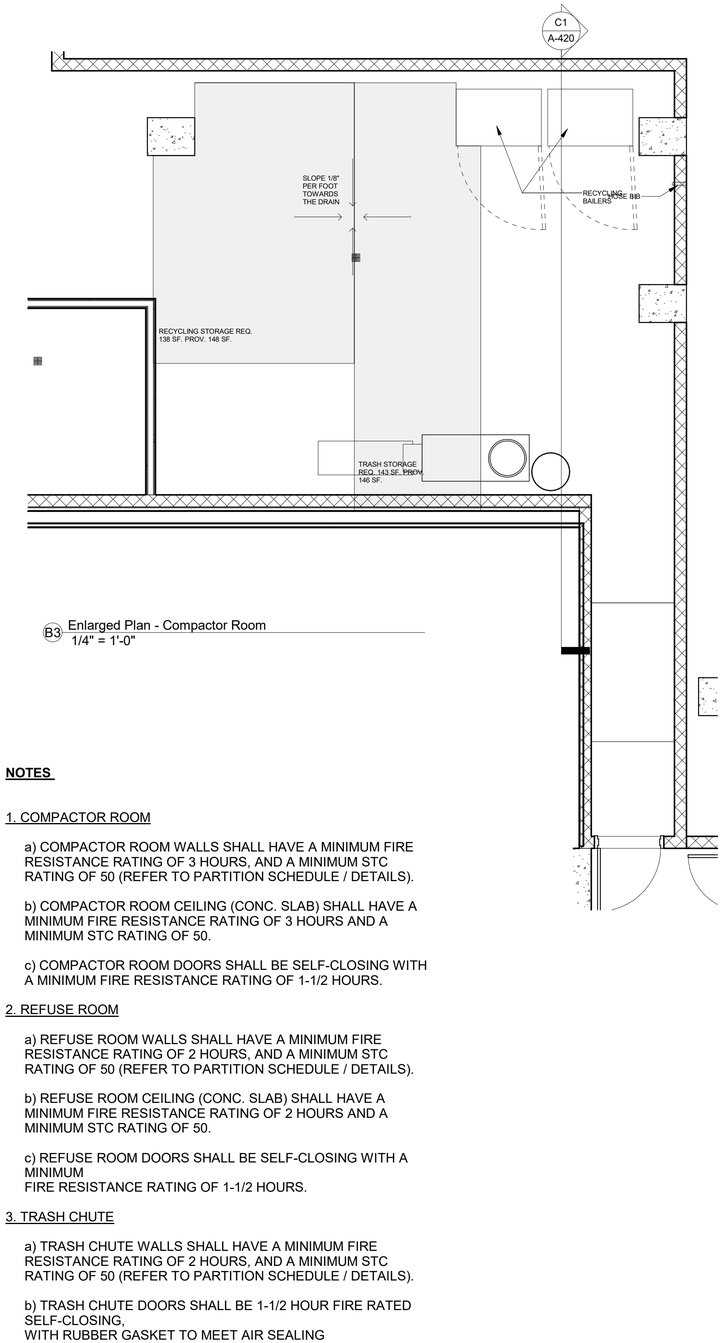
C1 Trash Chute Section
1/4" = 1'-0"



A2 Typ. Refuse Room - Elevation 1
1/4" = 1'-0"



B2 Enlarge Plan - Typ. Refuse Room
1/4" = 1'-0"



B3 Enlarge Plan - Compactor Room
1/4" = 1'-0"

NOTES

1. COMPACTOR ROOM

a) COMPACTOR ROOM WALLS SHALL HAVE A MINIMUM FIRE RESISTANCE RATING OF 3 HOURS, AND A MINIMUM STC RATING OF 50 (REFER TO PARTITION SCHEDULE / DETAILS).

b) COMPACTOR ROOM CEILING (CONC. SLAB) SHALL HAVE A MINIMUM FIRE RESISTANCE RATING OF 3 HOURS AND A MINIMUM STC RATING OF 50.

c) COMPACTOR ROOM DOORS SHALL BE SELF-CLOSING WITH A MINIMUM FIRE RESISTANCE RATING OF 1-1/2 HOURS.

2. REFUSE ROOM

a) REFUSE ROOM WALLS SHALL HAVE A MINIMUM FIRE RESISTANCE RATING OF 2 HOURS, AND A MINIMUM STC RATING OF 50 (REFER TO PARTITION SCHEDULE / DETAILS).

b) REFUSE ROOM CEILING (CONC. SLAB) SHALL HAVE A MINIMUM FIRE RESISTANCE RATING OF 2 HOURS AND A MINIMUM STC RATING OF 50.

c) REFUSE ROOM DOORS SHALL BE SELF-CLOSING WITH A MINIMUM
FIRE RESISTANCE RATING OF 1-1/2 HOURS.

3. TRASH CHUTE

a) TRASH CHUTE WALLS SHALL HAVE A MINIMUM FIRE RESISTANCE RATING OF 2 HOURS, AND A MINIMUM STC RATING OF 50 (REFER TO PARTITION SCHEDULE / DETAILS).

b) TRASH CHUTE DOORS SHALL BE 1-1/2 HOUR FIRE RATED SELF-CLOSING,
WITH RUBBER GASKET TO MEET AIR SEALING REQUIREMENTS.

Eleven11 Webster Ave

1111 Webster Ave.
Bronx NY 10456

M1099 Webster LLC
48-02 25th Ave, Suite 400 C
Astoria, NY 11103

Schur Management Co., Ltd.
2432 Grand Concourse
Bronx, NY 10458

BronxWorks
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42 W. 39th St. 10th Fl.
New York, NY 10004

Landscape Architect
Weintraub Diaz Landscape Arch, PLLC
19 New St.
Nyack, NY 10960

Lighting Designer
HLB Lighting Design
38 E. 32nd St. 11th Fl.
New York, NY 10016

Sustainability Consultant
Ettinger Engineering Associates
505 8th Ave. 24th Fl.
New York, NY 10018

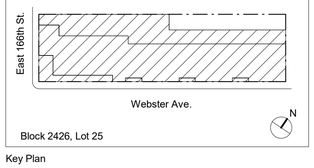
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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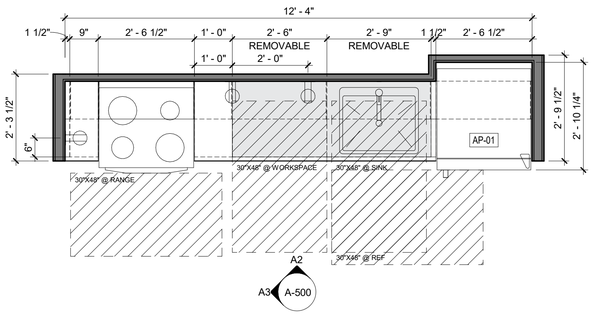
Compactor Room - Section and Details

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Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

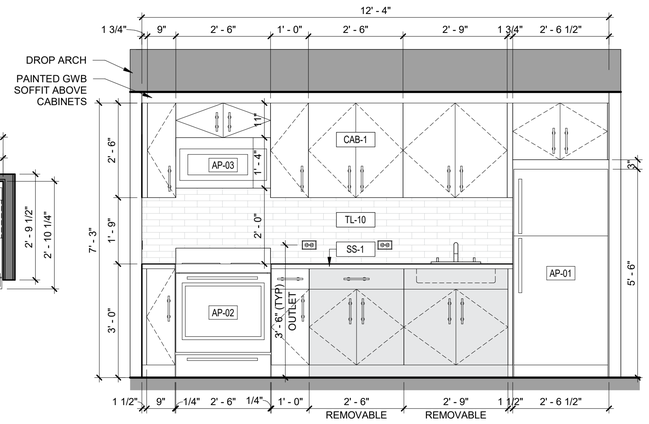
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Sheet No.:

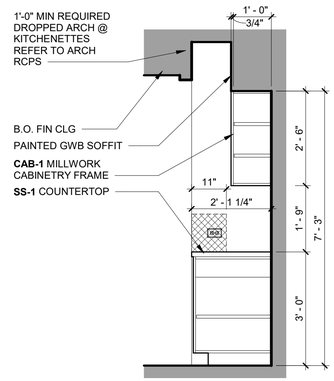
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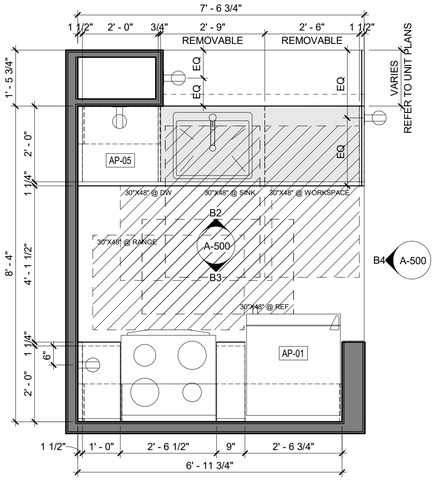
A1 K1 - Enlarged Kitchen Plan
1/2" = 1'-0"



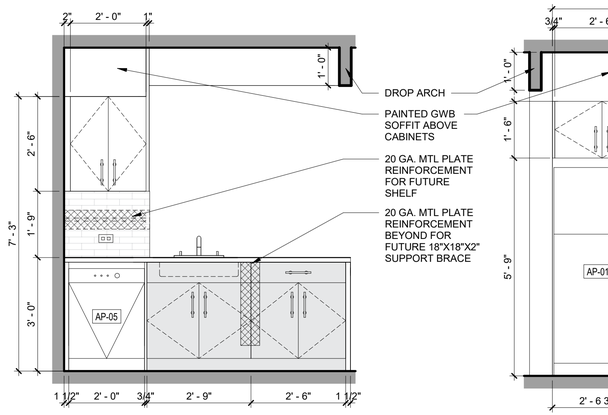
A2 K1 - Elevation 1
1/2" = 1'-0"



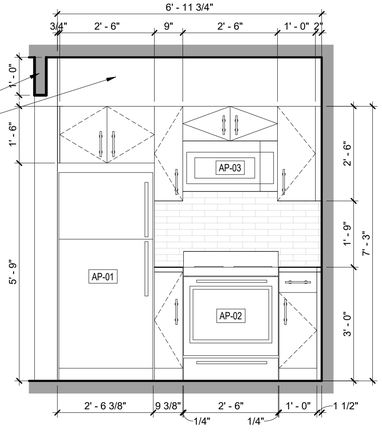
A3 Typical Type B+NYC Kitchen/
Kitchenette Elevation
1/2" = 1'-0"



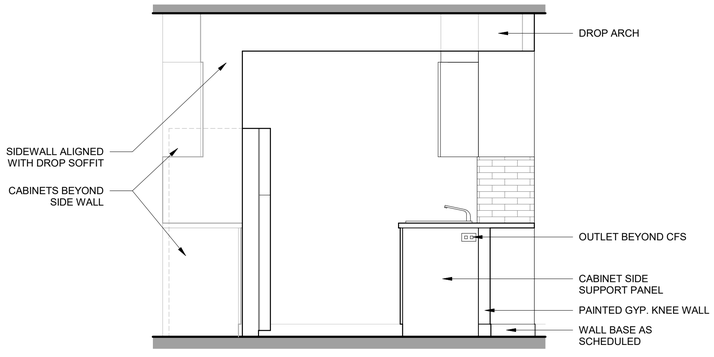
B1 K2 - Enlarged Kitchen Plan
1/2" = 1'-0"



B2 K2 - Elevation 1
1/2" = 1'-0"



B3 K2 - Elevation 2
1/2" = 1'-0"



B4 K2 - Elevation 3
1/2" = 1'-0"

KITCHEN GENERAL NOTES:

1. PROVIDE REMOVABLE FACE-FRAME CABINET FRONT AND BASE WHERE INDICATED.
2. ALL CABINETS SHALL HAVE NO ADDED UREA-FORMALDEHYDE.
3. HEIGHTS IN ELEVATION SHOWN FROM TOP OF FINISHED FLOOR.
4. FIELD VERIFY ALL DIMENSIONS FOR CAB AND COUNTERTOPS BEFORE FABRICATION.
5. COORD. CABINETRY WITH MECH, ELEC, AND PLUMB DRAWINGS AND APPLIANCE SPECIFICATIONS.
6. REFER TO RCP FOR CEILING HEIGHTS.
7. CABINETS SHALL BE SOLID WOOD INCLUDING CABINET DOORS. DOOR STYLE AND FINISH AS SPECIFIED.
8. PROVIDE WOOD BLOCKING OR METAL PLATE REINFORCING AT WALL CABINETS.
9. EXTEND FINISHED WALL AND FLOOR BEHIND / BELOW ALL CABINETS AND APPLIANCES.
10. ALL KITCHENS AND KITCHENETTES ARE MECHANICALLY VENTILATED PER MECHANICAL CODE.
11. PROVIDE APPLIANCE MANUFACTURER'S CLEARANCES AND FILLERS AS REQUIRED.
12. PROVIDE FILLERS TO ALLOW ALL DOORS TO OPEN 90 DEGREES MINIMUM.
13. PROVIDE COUNTER MATERIAL AT THICKNESS TO NOT REQUIRE SUPPORT BRACKET FOR OVERHANG PER MANUFACTURER'S REQUIREMENTS.
14. FOR KITCHEN FINISHES, FIXTURES, APPLIANCES & ACCESSORIES, REFER TO SCHEDULES ON A-600 SERIES.
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KITCHEN ACCESSIBILITY NOTES:

1. PER ANSI 117.1 1003.12.1 AND FHA (FAIR HOUSING ACT), PROVIDE 40" CLEARANCE BETWEEN OPPOSING COUNTERS, WALLS AND APPLIANCES AT PASSTHROUGH KITCHENS, AND 60" CLEARANCE AT "U-SHAPED" KITCHENS.
2. PER ANSI 117.1 1003.12.3 PROVIDE MIN 30" WIDE WORK SURFACE WITH REMOVABLE BASE CABINETS AND COUNTER HEIGHT ADJUSTABLE TO 34" AFF. EXTEND FLOOR FINISH UNDER BASE CABINETAND FINISH FACE OF ADJACENT CABINETS AND/OR APPLIANCES.
3. PER ANSI 117.1 1003.12.4, PROVIDE MIN 30" WIDE REMOVABLE BASE CABINETS AT SINK WITH COUNTER HEIGHT ADJUSTABLE TO 34" AFF. EXTEND FLOOR FINISH UNDER BASE CABINET AND FINISH INSIDE SURROUNDING CABINET
4. PER ANSI 117.1 1003.12.6.2, PROVIDE 30" X 48" CLEAR FLOOR SPACE FOR EITHER FORWARD OR PARALLEL APPROACH AS REQUIRED AT APPLIANCES AND FIXTURES, AND AS INDICATED ON THE DRAWINGS. PER FHA, PROVIDE 30" X 48" CLEAR FLOOR SPACE PARALLEL TO AND CENTERED ON SINK AND RANGE.
5. PER BC 1107.2.3.5, PROVIDE STORAGE SHELF MOUNTED ABOVE WORK SURFACE AT 48" MAX AFF MEASURED TO TOP OF SHELF.
6. PER FHA, POWER RECEPTACLES LOCATED ABOVE COUNTERS TO BE MAX 44" AFF.
7. ALL REFRIGERATORS TO BE ADA COMPLIANT. COMPLIANCE WITH BC 1107.2.3.3 SHALL BE MET VIA 1107.2.3 EXCEPTION: REPLACEMENT OF THE REFRIGERATOR WITH BOTTOM FREEZER TYPE UPON REQUEST.
8. UFAS 4.34.6.8 COMPLIANCE AT MOBILITY UNITS SHALL BE MET BY TOP FREEZER WITH CENTER OF FREEZER 54" AFF OR LESS AND AUTOMATIC DEFROST.
9. FOR SECTION 504 COMPLIANT UNITS, ELECTRICAL SWITCH DEDICATED TO RE-CIRCULATING RANGE HOOD TO BE PROVIDED AT A HEIGHT BETWEEN 15" AND 48" AFF, AND NOT LOCATED ABOVE A COOKING SURFACE.
10. UFAS SECTION 504 UNITS AS DESIGNATED ON SHEET G-003.
11. PIPING BELOW SINKS SHALL COMPLY WITH KNEE AND TOE CLEARANCES SHOWN ON DWG G-009.
13. PROVIDE SELF-CLEANING RANGE FOR UFAS MOBILITY UNITS IN ORDER COMPLY WITH UFAS SECTION 4.34.6.7.
14. DISHWASHERS TO BE ADJUSTED TO FIT UNDER 36" HIGH COUNTER TOP AT NON-UFAS MOBILITY UNITS. DISHWASHERS TO BE ADJUSTED TO FIT UNDER 34" HIGH COUNTERTOP AT UFAS MOBILITY UNITS.
16. PER BC 1003.12.3.1 A CLEAR FLOOR SPACE, POSITIONED FOR A FORWARD APPROACH TO THE WORK SURFACE, SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED. THE CLEAR FLOOR SPACE SHALL BE CENTERED ON THE WORK SURFACE. EXCEPTION: CABINETRY SHALL BE PERMITTED UNDER THE WORK SURFACE, PROVIDED:
    A. THE CABINETRY CAN BE REMOVED WITHOUT REMOVAL OR REPLACEMENT OF THE WORK SURFACE.
    B. THE FLOOR FINISH EXTENDS UNDER SUCH CABINETRY AND
    C. THE WALL BEHIND AND SURROUNDING CABINETRY ARE FINISHED.
17. PER BC 1003.12.4.1 A CLEAR FLOOR SPACE, POSITIONED FOR A FORWARD APPROACH TO THE SINK, SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED. THE CLEAR FLOOR SPACE SHALL BE CENTERED ON THE SINK BOWL.

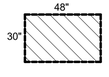
    EXCEPTIONS:

    1. THE REQUIREMENT FOR KNEE AND TOE CLEARANCE SHALL NOT APPLY TO MORE THAN ONE BOWL OF MULTI - BOWL SINK.
    2. CABINETRY SHALL BE PERMITTED TO BE ADDED UNDER THE SINK,

    PROVIDED:

    A. THE CABINETRY CAN BE REMOVED WITHOUT REMOVAL OR REPLACEMENT OF THE SINK.
    B. THE FLOOR FINISH EXTENDS UNDER SUCH CABINETRY, AND
    C. THE WALLS BEHIND AND SURROUNDING CABINETRY ARE FINISHED.
18. ALL REFRIGERATORS TO BE ADA COMPLIANT.

KITCHEN LEGEND:



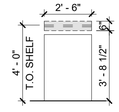
CLEAR FLOOR SPACE

*CLEAR FLOOR SPACE PER ICC/ANSI A117.1-2003 SEC. 1003.12.3 THROUGH 1003.12.6 AT WORK SURFACES, SINK & APPLIANCES.



REMOVABLE BASE CAB

*FILLED AREAS INDICATE REMOVABLE BASE CABINETS AT SINK AND WORK SURFACE. FINISH FLOORING TO EXTEND UNDER ALL CABINETS.



WALL REINFORCEMENT

IN ALL UNITS OTHER THAN SECTION 504/UFAS MOBILITY IMPAIRED UNITS, WALL REINFORCEMENT THAT PERMITS THE INSTALLATION OF SHELVES OR THE RELOCATION OF WALL CABINETS TO A MAXIMUM OF 48" AFF SHALL BE PROVIDED ABOVE THE 30" WIDE ADJUSTABLE HEIGHT WORK COUNTERS AT THE TIME OF CONSTRUCTION.

Eleven11 Webster Ave

1111 Webster Ave.
Bronx NY 10456

M1099 Webster LLC
48-02 25th Ave, Suite 400 C
Astoria, NY 11103

Schur Management Co., Ltd.
2432 Grand Concourse
Bronx, NY 10458

BronxWorks
60 E. Tremont Ave.
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Landscape Architect
Weintraub Diaz Landscape Arch, PLLC
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Nyack, NY 10960

Lighting Designer
HLB Lighting Design
38 E. 32nd St. 11th Fl.
New York, NY 10016

Sustainability Consultant
Ettinger Engineering Associates
505 8th Ave. 24th Fl.
New York, NY 10018

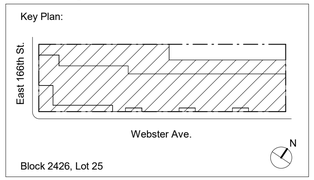
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Apt. Kitchen Plans & Elevations 1

Date	09/03/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

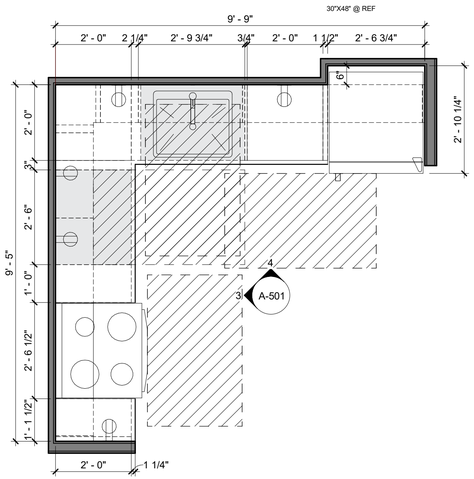
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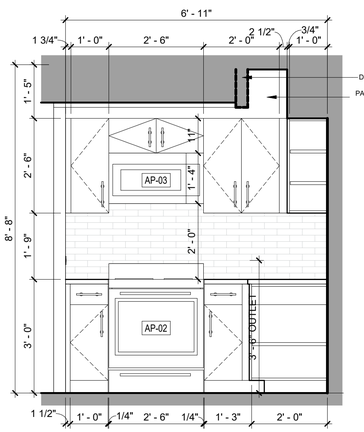
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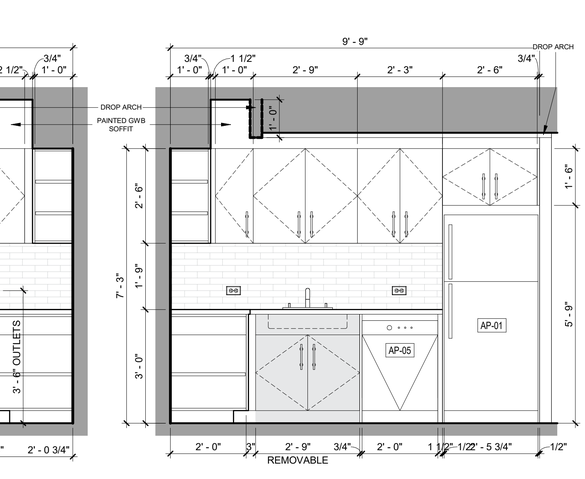
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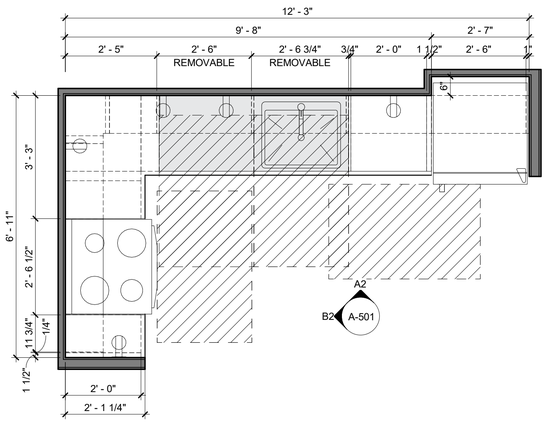
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1/2" = 1'-0"



3 K3 - Elevation 1
1/2" = 1'-0"

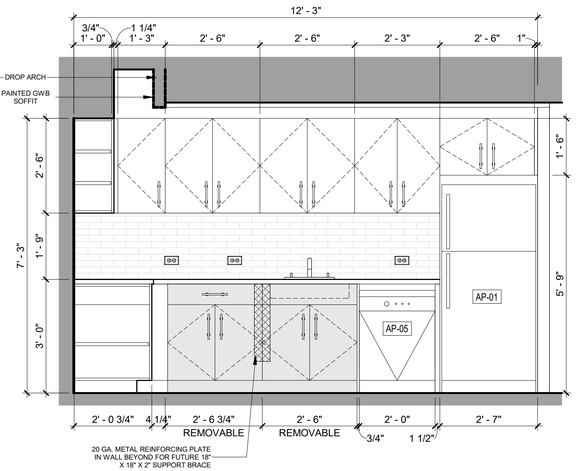


4 K3 - Elevation 2
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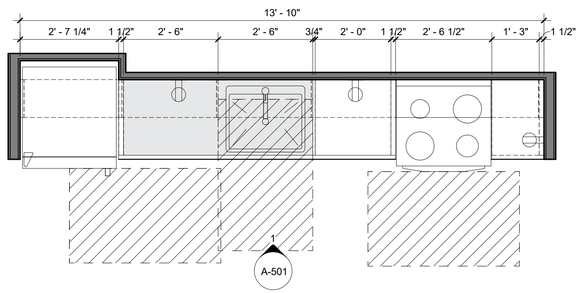


B1 K4 - Enlarged Kitchen Plan
1/2" = 1'-0"

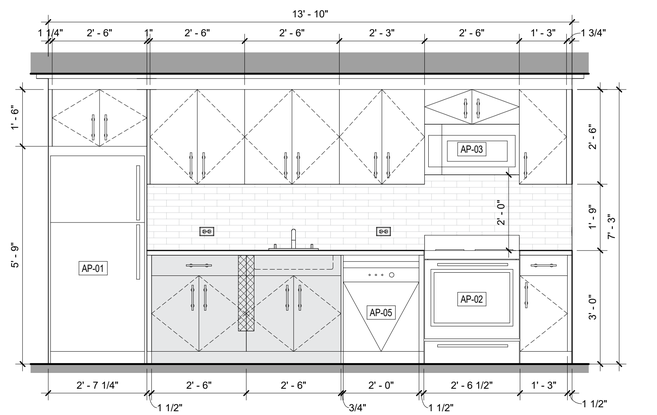
B2 K4 - Elevation 2
1/2" = 1'-0"



A2 K4 - Enlarged Kitchen Plan
1/2" = 1'-0"



2 K5 - Enlarged Plan
1/2" = 1'-0"



1 K5 - Elevation 1
1/2" = 1'-0"

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KITCHEN GENERAL NOTES:

1. PROVIDE REMOVABLE FACE-FRAME CABINET FRONT AND BASE WHERE INDICATED.
2. ALL CABINETS SHALL HAVE NO ADDED UREA-FORMALDEHYDE.
3. HEIGHTS IN ELEVATION SHOWN FROM TOP OF FINISHED FLOOR.
4. FIELD VERIFY ALL DIMENSIONS FOR CAB AND COUNTERTOPS BEFORE FABRICATION.
5. COORD. CABINETRY WITH MECH, ELEC, AND PLUMB DRAWINGS AND APPLIANCE SPECIFICATIONS.
6. REFER TO RCP FOR CEILING HEIGHTS.
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8. PROVIDE WOOD BLOCKING OR METAL PLATE REINFORCING AT WALL CABINETS.
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12. PROVIDE FILLERS TO ALLOW ALL DOORS TO OPEN 90 DEGREES MINIMUM.
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KITCHEN ACCESSIBILITY NOTES:

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2. PER ANSI 117.1 1003.12.3 PROVIDE MIN 30" WIDE WORK SURFACE WITH REMOVABLE BASE CABINETS AND COUNTER HEIGHT ADJUSTABLE TO 34" AFF. EXTEND FLOOR FINISH UNDER BASE CABINETAND FINISH FACE OF ADJACENT CABINETS AND/OR APPLIANCES.
3. PER ANSI 117.1 1003.12.4, PROVIDE MIN 30" WIDE REMOVABLE BASE CABINETS AT SINK WITH COUNTER HEIGHT ADJUSTABLE TO 34" AFF. EXTEND FLOOR FINISH UNDER BASE CABINET AND FINISH INSIDE SURROUNDING CABINET
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5. PER BC 1107.2.3.5, PROVIDE STORAGE SHELF MOUNTED ABOVE WORK SURFACE AT 48" MAX AFF MEASURED TO TOP OF SHELF.
6. PER FHA, POWER RECEPTACLES LOCATED ABOVE COUNTERS TO BE MAX 44" AFF.
7. ALL REFRIGERATORS TO BE ADA COMPLIANT. COMPLIANCE WITH BC 1107.2.3.3 SHALL BE MET VIA 1107.2.3 EXCEPTION: REPLACEMENT OF THE REFRIGERATOR WITH BOTTOM FREEZER TYPE UPON REQUEST.
8. UFAS 4.34.6.8 COMPLIANCE AT MOBILITY UNITS SHALL BE MET BY TOP FREEZER WITH CENTER OF FREEZER 54" AFF OR LESS AND AUTOMATIC DEFROST.
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13. PROVIDE SELF-CLEANING RANGE FOR UFAS MOBILITY UNITS IN ORDER COMPLY WITH UFAS SECTION 4.34.6.7.
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    B. THE FLOOR FINISH EXTENDS UNDER SUCH CABINETRY AND
    C. THE WALL BEHIND AND SURROUNDING CABINETRY ARE FINISHED.
17. PER BC 1003.12.4.1 A CLEAR FLOOR SPACE, POSITIONED FOR A FORWARD APPROACH TO THE SINK, SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED. THE CLEAR FLOOR SPACE SHALL BE CENTERED ON THE SINK BOWL.

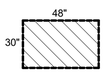
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    A. THE CABINETRY CAN BE REMOVED WITHOUT REMOVAL OR REPLACEMENT OF THE SINK.
    B. THE FLOOR FINISH EXTENDS UNDER SUCH CABINETRY, AND
    C. THE WALLS BEHIND AND SURROUNDING CABINETRY ARE FINISHED.
18. ALL REFRIGERATORS TO BE ADA COMPLIANT.

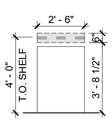
KITCHEN LEGEND:



CLEAR FLOOR SPACE *CLEAR FLOOR SPACE PER ICC/ANSI A117.1-2003 SEC. 1003.12.3 THROUGH 1003.12.6 AT WORK SURFACES, SINK & APPLIANCES.



REMOVABLE BASE CAB *FILLED AREAS INDICATE REMOVABLE BASE CABINETS AT SINK AND WORK SURFACE. FINISH FLOORING TO EXTEND UNDER ALL CABINETS.



WALL REINFORCEMENT IN ALL UNITS OTHER THAN SECTION 504/UFAS MOBILITY IMPAIRED UNITS, WALL REINFORCEMENT THAT PERMITS THE INSTALLATION OF SHELVES OR THE RELOCATION OF WALL CABINETS TO A MAXIMUM OF 48" AFF SHALL BE PROVIDED ABOVE THE 30" WIDE ADJUSTABLE HEIGHT WORK COUNTERS AT THE TIME OF CONSTRUCTION.

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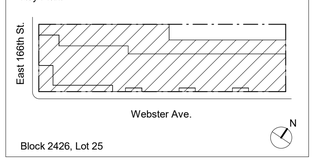
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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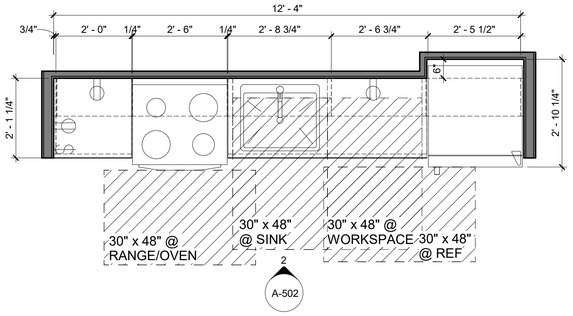
Apt. Kitchen Plans & Elevations 2

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Checked By	DA
Project No.	2231

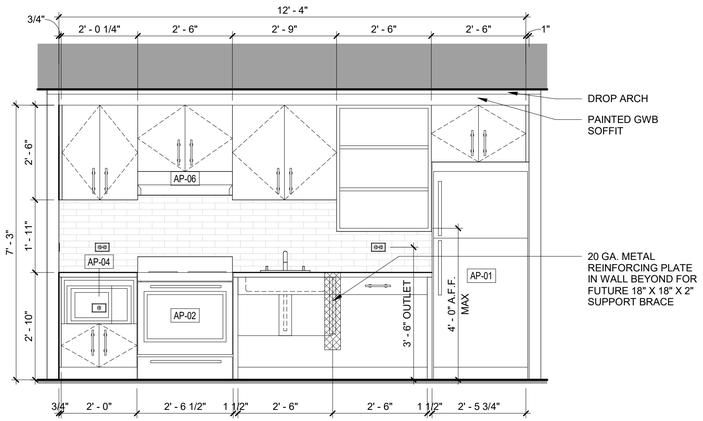
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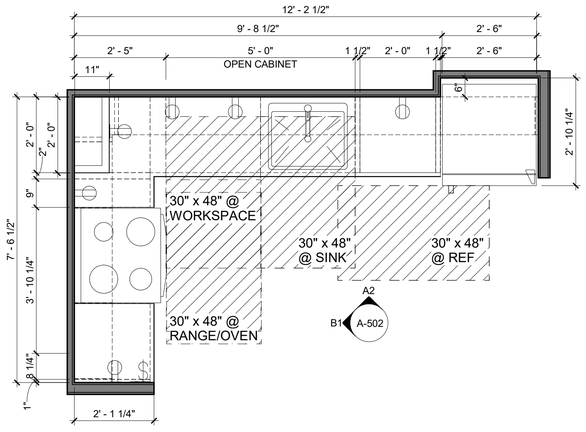
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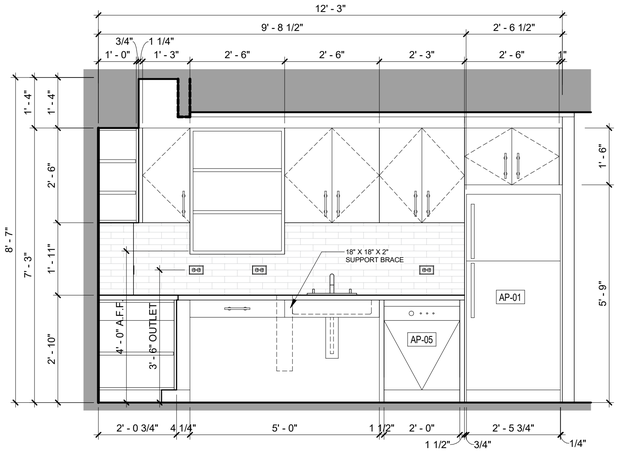
3 K1U - Enlarged Kitchen Plan (UFAS)
1/2" = 1'-0"



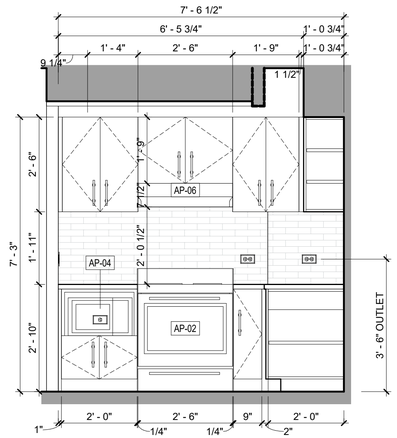
2 K1U - Elevation 1
1/2" = 1'-0"



A1 K2U - Enlarged Kitchen Plan
1/2" = 1'-0"



A2 K2U - Elevation 1
1/2" = 1'-0"



B1 K2U - Elevation 2
1/2" = 1'-0"

KITCHEN GENERAL NOTES:

1. PROVIDE REMOVABLE FACE-FRAME CABINET FRONT AND BASE WHERE INDICATED.
2. ALL CABINETS SHALL HAVE NO ADDED UREA-FORMALDEHYDE.
3. HEIGHTS IN ELEVATION SHOWN FROM TOP OF FINISHED FLOOR.
4. FIELD VERIFY ALL DIMENSIONS FOR CAB AND COUNTERTOPS BEFORE FABRICATION.
5. COORD. CABINETRY WITH MECH, ELEC, AND PLUMB DRAWINGS AND APPLIANCE SPECIFICATIONS.
6. REFER TO RCP FOR CEILING HEIGHTS.
7. CABINETS SHALL BE SOLID WOOD INCLUDING CABINET DOORS. DOOR STYLE AND FINISH AS SPECIFIED.
8. PROVIDE WOOD BLOCKING OR METAL PLATE REINFORCING AT WALL CABINETS.
9. EXTEND FINISHED WALL AND FLOOR BEHIND / BELOW ALL CABINETS AND APPLIANCES.
10. ALL KITCHENS AND KITCHENETTES ARE MECHANICALLY VENTILATED PER MECHANICAL CODE.
11. PROVIDE APPLIANCE MANUFACTURER'S CLEARANCES AND FILLERS AS REQUIRED.
12. PROVIDE FILLERS TO ALLOW ALL DOORS TO OPEN 90 DEGREES MINIMUM.
13. PROVIDE COUNTER MATERIAL AT THICKNESS TO NOT REQUIRE SUPPORT BRACKET FOR OVERHANG PER MANUFACTURER'S REQUIREMENTS.
14. FOR KITCHEN FINISHES, FIXTURES, APPLIANCES & ACCESSORIES, REFER TO SCHEDULES ON A-600 SERIES.
15. PROVIDE TRASH AND RECYCLING BINS FOR UNITS PER ENTERPRISE GREEN COMMUNITIES.

KITCHEN ACCESSIBILITY NOTES:

1. PER ANSI 117.1 1003.12.1 AND FHA (FAIR HOUSING ACT), PROVIDE 40" CLEARANCE BETWEEN OPPOSING COUNTERS, WALLS AND APPLIANCES AT PASSTHROUGH KITCHENS, AND 60" CLEARANCE AT "U-SHAPED" KITCHENS.
2. PER ANSI 117.1 1003.12.3 PROVIDE MIN 30" WIDE WORK SURFACE WITH REMOVABLE BASE CABINETS AND COUNTER HEIGHT ADJUSTABLE TO 34" AFF. EXTEND FLOOR FINISH UNDER BASE CABINETAND FINISH FACE OF ADJACENT CABINETS AND/OR APPLIANCES.
3. PER ANSI 117.1 1003.12.4, PROVIDE MIN 30" WIDE REMOVABLE BASE CABINETS AT SINK WITH COUNTER HEIGHT ADJUSTABLE TO 34" AFF. EXTEND FLOOR FINISH UNDER BASE CABINET AND FINISH INSIDE SURROUNDING CABINET
4. PER ANSI 117.1 1003.12.6.2, PROVIDE 30" X 48" CLEAR FLOOR SPACE FOR EITHER FORWARD OR PARALLEL APPROACH AS REQUIRED AT APPLIANCES AND FIXTURES, AND AS INDICATED ON THE DRAWINGS. PER FHA, PROVIDE 30" X 48" CLEAR FLOOR SPACE PARALLEL TO AND CENTERED ON SINK AND RANGE.
5. PER BC 1107.2.3.5, PROVIDE STORAGE SHELF MOUNTED ABOVE WORK SURFACE AT 48" MAX AFF MEASURED TO TOP OF SHELF.
6. PER FHA, POWER RECEPTACLES LOCATED ABOVE COUNTERS TO BE MAX 44" AFF.
7. ALL REFRIGERATORS TO BE ADA COMPLIANT. COMPLIANCE WITH BC 1107.2.3.3 SHALL BE MET VIA 1107.2.3 EXCEPTION: REPLACEMENT OF THE REFRIGERATOR WITH BOTTOM FREEZER TYPE UPON REQUEST.
8. UFAS 4.34.6.8 COMPLIANCE AT MOBILITY UNITS SHALL BE MET BY TOP FREEZER WITH CENTER OF FREEZER 54" AFF OR LESS AND AUTOMATIC DEFROST.
9. FOR SECTION 504 COMPLIANT UNITS, ELECTRICAL SWITCH DEDICATED TO RE-CIRCULATING RANGE HOOD TO BE PROVIDED AT A HEIGHT BETWEEN 15" AND 48" AFF, AND NOT LOCATED ABOVE A COOKING SURFACE.
10. UFAS SECTION 504 UNITS AS DESIGNATED ON SHEET G-003.
11. PIPING BELOW SINKS SHALL COMPLY WITH KNEE AND TOE CLEARANCES SHOWN ON DWG G-009.
13. PROVIDE SELF-CLEANING RANGE FOR UFAS MOBILITY UNITS IN ORDER COMPLY WITH UFAS SECTION 4.34.6.7.
14. DISHWASHERS TO BE ADJUSTED TO FIT UNDER 36" HIGH COUNTER TOP AT NON-UFAS MOBILITY UNITS. DISHWASHERS TO BE ADJUSTED TO FIT UNDER 34" HIGH COUNTERTOP AT UFAS MOBILITY UNITS.
16. PER BC 1003.12.3.1 A CLEAR FLOOR SPACE, POSITIONED FOR A FORWARD APPROACH TO THE WORK SURFACE, SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED. THE CLEAR FLOOR SPACE SHALL BE CENTERED ON THE WORK SURFACE. EXCEPTION: CABINETRY SHALL BE PERMITTED UNDER THE WORK SURFACE, PROVIDED:
    A. THE CABINETRY CAN BE REMOVED WITHOUT REMOVAL OR REPLACEMENT OF THE WORK SURFACE.
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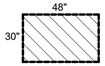
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KITCHEN LEGEND:



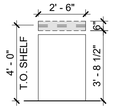
CLEAR FLOOR SPACE

*CLEAR FLOOR SPACE PER ICC/ANSI A117.1-2003 SEC. 1003.12.3 THROUGH 1003.12.6 AT WORK SURFACES, SINK & APPLIANCES.



REMOVABLE BASE CAB

*FILLED AREAS INDICATE REMOVABLE BASE CABINETS AT SINK AND WORK SURFACE. FINISH FLOORING TO EXTEND UNDER ALL CABINETS.



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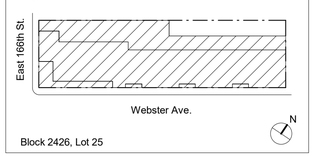
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P3	50% Construction Documents	23-1201
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Apt. Kitchen Plans & Elevations 3

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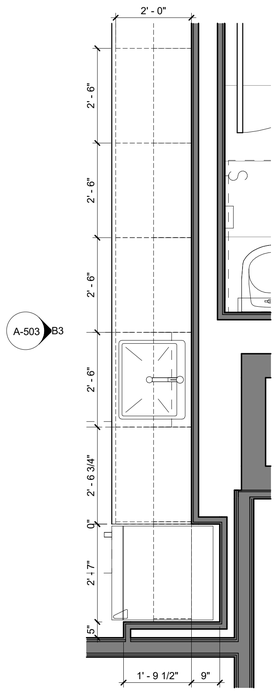
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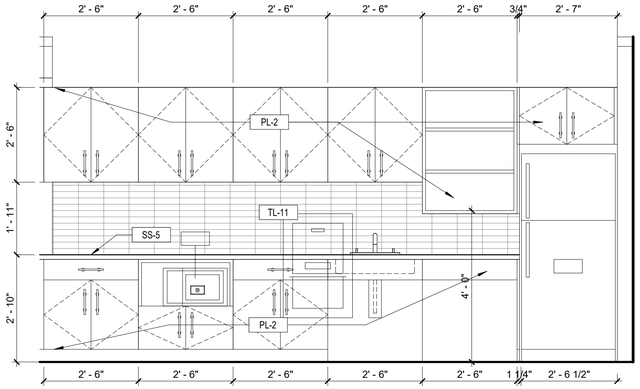
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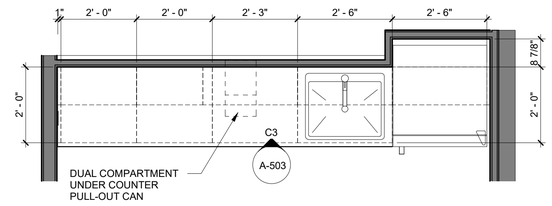
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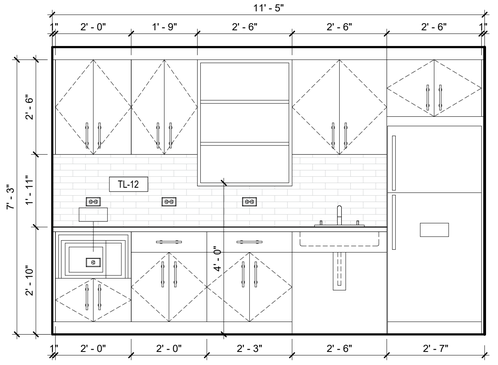
B2 Enlarged Plan - Multipurpose Room Kitchen
1/2" = 1'-0"



B3 Elevation - Multipurpose Room Kitchen
1/2" = 1'-0"



C2 Enlarged Plan - Supportive Services Pantry
1/2" = 1'-0"



C3 Elevation - Supportive Services Pantry
1/2" = 1'-0"

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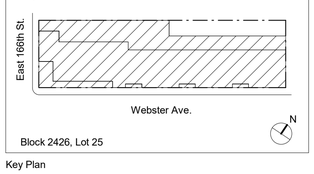
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Pantry Plans & Elevations

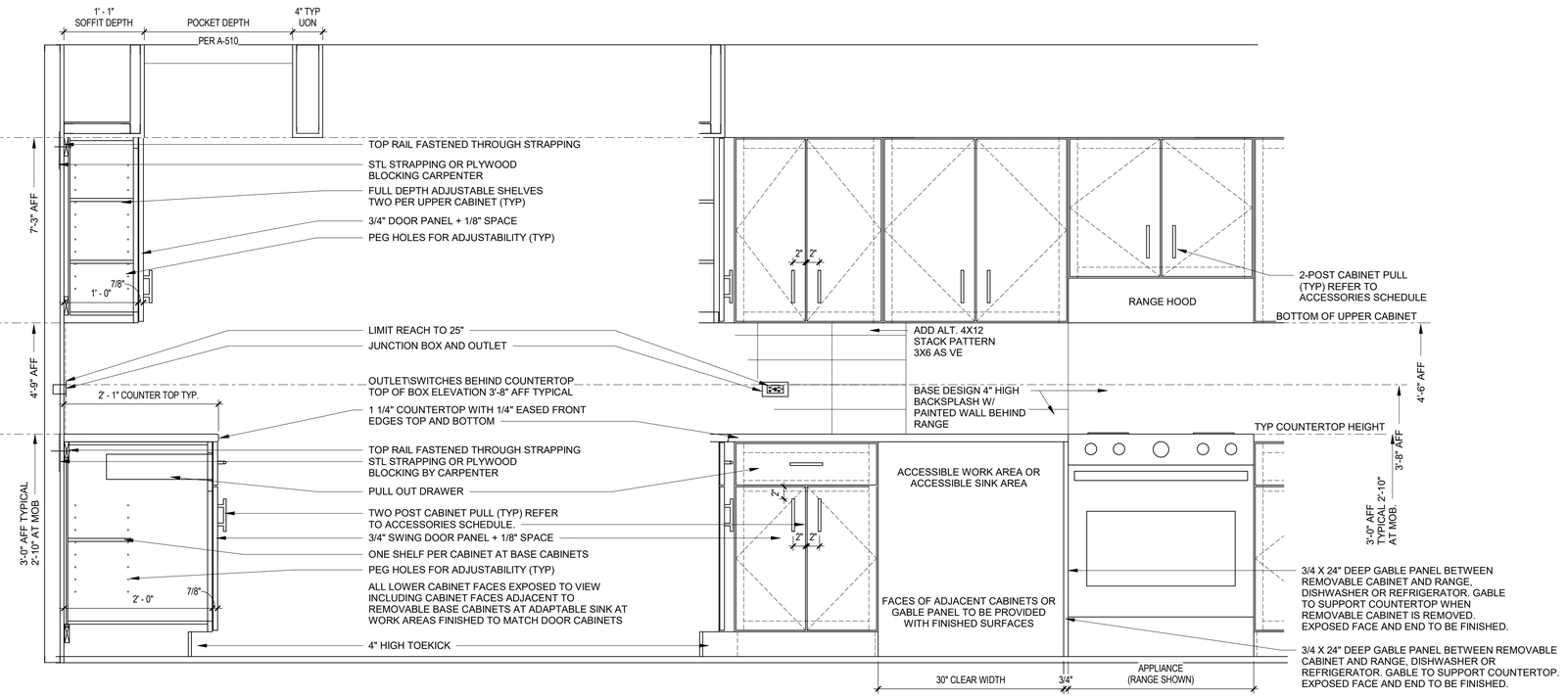
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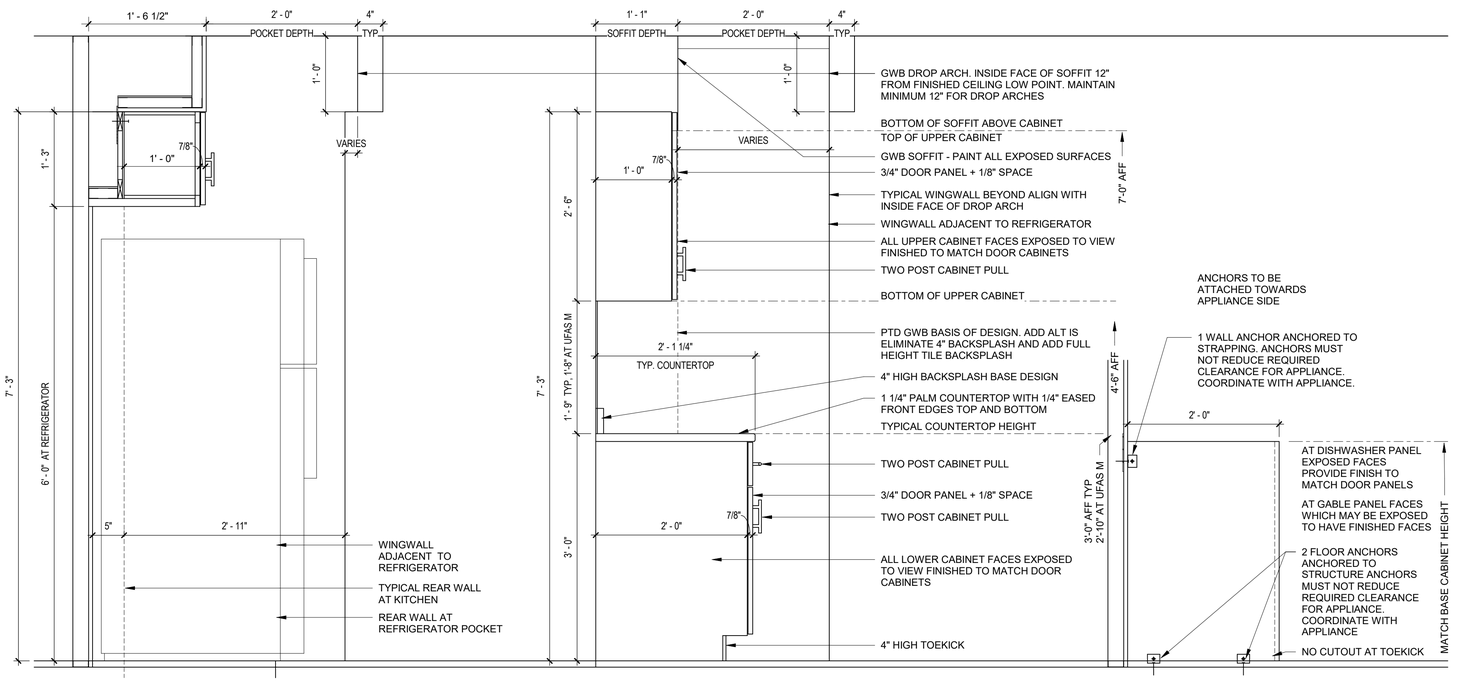
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NOTE: THESE DIAGRAMS REPRESENT STANDARDS FOR KITCHEN CABINETS. PLEASE REFER TO A-509 TO A-511 FOR ACTUAL KITCHEN DRAWINGS



B1 SECTION THROUGH TYPICAL CABINET

B2 ELEVATION AT TYPICAL CABINETS



C1 SECTION THROUGH REFRIGERATOR POCKET

C2 ELEVATION AT KITCHEN CABINET EXPOSED ENDS

C3 ELEVATION AT FREESTANDING GABLE + DISHWASHER END PANEL

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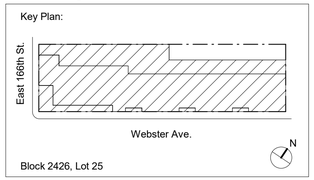
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P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Kitchen Cabinet Standards

Date	08/30/2024
Scale	1" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

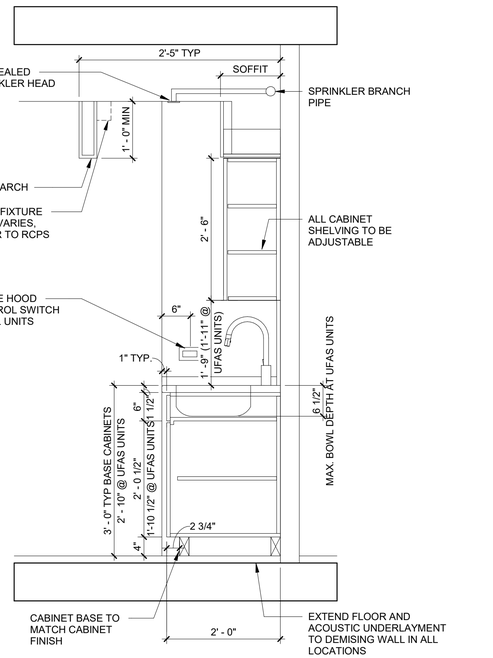
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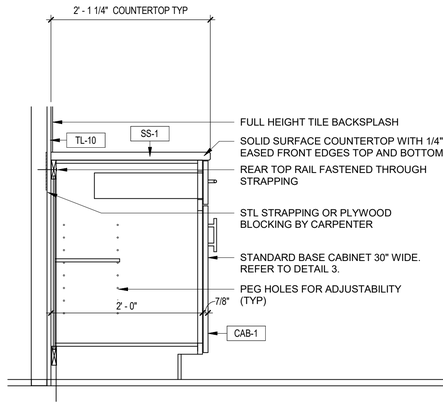
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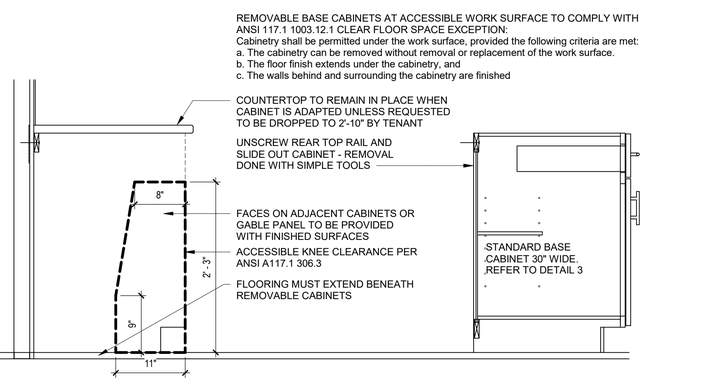
NOTE: THESE DIAGRAMS REPRESENT STANDARDS FOR KITCHEN CABINETS. PLEASE REFER TO A-500 THROUGH A-503 FOR ACTUAL KITCHEN DRAWINGS



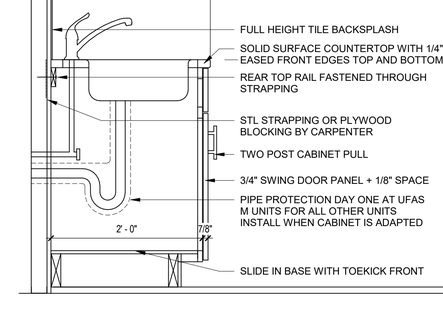
B1 Kitchen Cabinet Typical Section
3/4" = 1'-0"



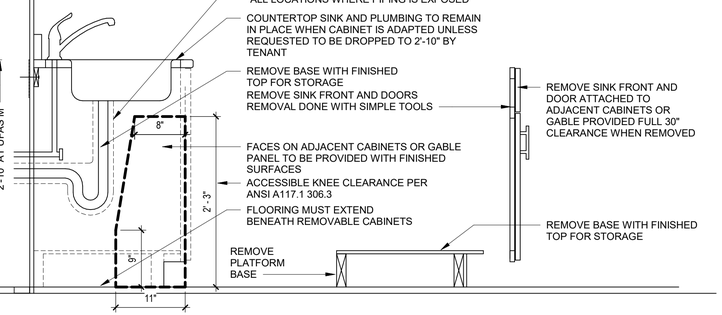
A2 SECTION THROUGH 30" ADAPTABLE WORK SURFACE
DAY ONE INSTALLATION WITH CABINETRY BELOW WORK SURFACE



A3 SECTION THROUGH 30" ADAPTABLE WORK SURFACE
SHOWING ADAPTABLE MODIFICATION



B2 SECTION THROUGH SINK TOP WITH REMOVABLE BASE CABINET
DAY ONE INSTALLATION WITH BASE CABINET FRONT AND BASE



B3 SECTION THROUGH SINK TOP WITH REMOVABLE BASE CABINET
SHOWING FRONT AND BASE REMOVED FOR ACCESSIBILITY

Eleven11 Webster Ave

1111 Webster Ave.
Bronx NY 10456

M1099 Webster LLC
48-02 25th Ave, Suite 400 C
Astoria, NY 11103

Schur Management Co., Ltd.
2432 Grand Concourse
Bronx, NY 10458

BronxWorks
60 E. Tremont Ave.
Bronx, NY 10453

DattnerArchitects
498 Seventh Ave 20 fl
New York NY 10018
t: 212.247.2660
www.dattner.com

Structural Engineer
DeSimone
140 Broadway, 25th Floor
New York, NY 10005

Mechanical/Electrical/Plumbing Engineer
Skyline Engineering, LLC
42 W. 39th St. 10th Fl.
New York, NY 10004

Landscape Architect
Weintraub Diaz Landscape Arch, PLLC
19 New St.
Nyack, NY 10960

Lighting Designer
HLB Lighting Design
38 E. 32nd St. 11th Fl.
New York, NY 10016

Sustainability Consultant
Ettinger Engineering Associates
505 8th Ave. 24th Fl.
New York, NY 10018

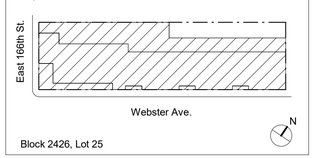
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

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Key Plan

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Kitchen Cabinet Standards

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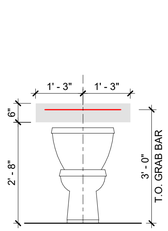
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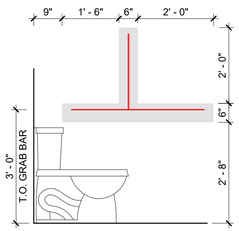
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GRAB BAR REINFORCING:

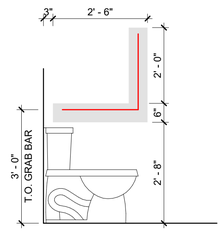
NOTE: GRAB BAR REINFORCING TO BE PROVIDED AT ALL BATHROOM LOCATIONS.



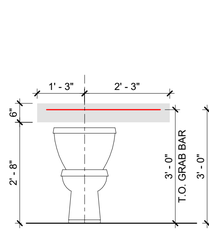
WC-BACK WALL (ADAPTABLE/UFAS)



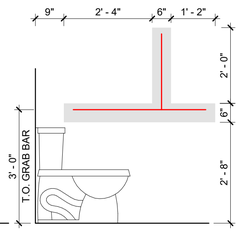
WC-SIDE WALL (ADAPTABLE/UFAS)



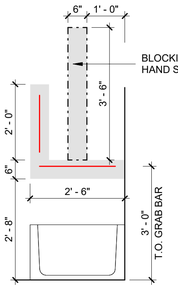
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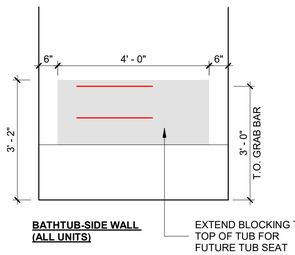
WC-BACK WALL (ACCESSIBLE)



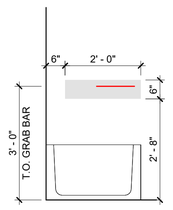
WC-SIDE WALL (ACCESSIBLE)



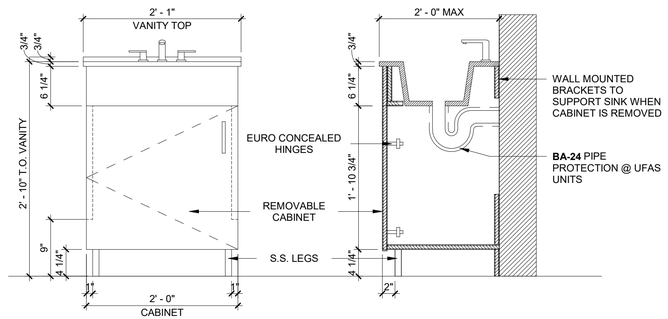
BATHTUB-CONTROL WALL (ALL UNITS)



BATHTUB-SIDE WALL (ALL UNITS)



BATHTUB-END WALL (ALL UNITS)



1 Bathroom Vanity With Removable Cabinet
1" = 1'-0"

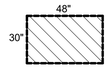
BATHROOM GENERAL NOTES:

1. REFER TO UNIT SUMMARY CHART ON G-003 FOR UFAS MOBILITY UNITS.
2. AT ALL UNITS DESIGNATED AS UFAS COMPLIANT, PROVIDE FITTED PIPE INSUL OR CERAMIC PIPE SHROUD AT SINK. PROVIDE HANDHELD SHOWER HOSE/HEAD AND WALL-MOUNTED TUB SEAT, DAY ONE. REFER TO BATHROOM ACCESSORY SCHEDULE.
3. INSTALL GRAB BARS IN PUBLIC/STAFF TOILETS ONLY WHERE INDICATED.
4. REINFORCING FOR FUTURE GRAB BARS SHALL BE PROVIDED AT ALL DWELLING UNIT BATHROOMS AS INDICATED.
5. DIMENSIONS INDICATED ARE FROM FACE OF FINISH.
6. PROVIDE FINISHED EDGE TILE AT ALL EXPOSED EDGES AND CORNERS.
7. FLUSH CONTROLS TO BE LOCATED ON THE OPEN SIDE OF WATER CLOSET (TYP)
8. BATHROOM CEILING HEIGHTS VARY BY FLOOR, REFER TO REFLECTED CEILING PLANS. TYPICAL BATHROOM HEIGHT IS 7'-8" UNLESS OTHERWISE NOTED ON REFLECTED CEILING PLANS.
9. FOR APARTMENT BATHROOM FINISHES, FIXTURES, ACCESSORIES AND LIGHT FIXTURES REFER TO SCHEDULES IN A-700 SERIES DRAWINGS.
10. WHERE BATHROOM DOOR IS NOT LOCATED AS SHOWN IN ENLARGED PLANS, CONSULT ARCHITECT FOR LOCATION OF TOWEL BAR.
11. ALL TUB/ SHOWER ENCLOSURES TO USE CEMENT BOARD - MOISTURE-RESISTANT BACKING MATERIAL
12. ALL BATHROOMS ARE MECHANICALLY VENTILATED PER NEW YORK CITY MECHANICAL CODE SECTION MC 403. REFER TO MECHANICAL DWGS

BATHROOM ACCESSIBILITY NOTES:

1. ALL RESIDENTIAL BATHROOMS ARE MINIMUM "TYPE B+NYC" UNITS PER 2014 BC CHAPTER 11 ACCESSIBILITY AND APPENDIX P R-2 OCCUPANCY TOILET AND BATHING FACILITY REQUIREMENTS, AND IN COMPLIANCE WITH THE FAIR HOUSING ACT AS DESCRIBED IN THE FAIR HOUSING ACT DESIGN MANUAL.
2. PER ANSI A117.1 404.2.3, PROVIDE MANEUVERING CLEARANCE AT MANUALLY OPERATED DOORS AS REQUIRED AND AS INDICATED ON DRAWINGS. PER P102.4 EXCEPTION, DOORS ARE PERMITTED TO SWING INTO CLEAR SPACE COMPLYING WITH SECTION 305.3 OF ICC A117.1 IF PROVIDED WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING.
3. PER FHA (FAIR HOUSING ACT), PROVIDE A 30" X 48" CLEAR FLOOR SPACE FOR MANEUVERING BEYOND THE SWING OF THE DOOR. SPACE UNDER LAVATORY IS PERMITTED TO COUNT TOWARDS REQUIRED MANEUVERING SPACE.
4. PER P102.6 /ANSI 606.2, LAVATORY HEIGHT TO BE MAX 34" AFF. CABINETRY SHALL BE PERMITTED UNDER THE LAVATORY, PROVIDED: 1. SUCH CABINETRY CAN BE REMOVED WITHOUT REMOVAL OR REPLACEMENT OF THE LAVATORY; 2. THE FINISH FLOOR EXTENDS UNDER SUCH CABINETRY; 3. THE WALLS BEHIND AND SURROUNDING CABINETRY ARE FINISHED.
5. PER P102.7, BOTTOM OF MIRROR ABOVE LAVATORY TO BE MAX 40" AFF. BOTTOM SHELF OF MEDICINE CABINET ABOVE LAVATORY TO BE MAX 44" AFF.
6. PER UFAS 4.34.2 (9), BOTTOM OF THE GFI OUTLET TO BE ALIGNED WITH BOTTOM OF MIRROR (TYP) AND THE CENTER LINE OF THE HIGHEST RECEPTACLE TO BE MAXIMUM 44" AFF.
7. PER P102.8.2, PROVIDE REQUIRED CLEARANCE AT TOILET FOR EITHER A FORWARD OR PARALLEL APPROACH. TOILET SEAT HEIGHT TO BE MIN 15" AND MAX 19" AFF.
8. PER P102.8.5, HAND OPERATED FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
9. PER P102.9, PROVIDE APPROACH CLEARANCE AT SHOWERS AND BATHTUBS.
10. PER P102.8, P102.9 AND FHA, PROVIDE REINFORCEMENT FOR FUTURE GRAB BARS AS INDICATED ON DRAWINGS AT ALL ADAPTABLE UNITS.
11. PER P102.9.1 BATHTUB SHALL BE PROVIDED WITH A HANDSHOWER. WHERE A HAND SHOWER IN COMPLIANCE IS NOT PROVIDED, THE OWNER SHALL PROVIDE SUCH A HAND SHOWER AT THE TIME A PERSON WITH PHYSICAL DISABILITIES TAKES OCCUPANCY OF THE UNIT, OR WITHIN 10 DAYS OF THE DATE THE REQUEST IS MADE BY A PERSON WITH PHYSICAL DISABILITIES, WHICHEVER IS LATER, AT THE OWNER'S EXPENSE.
12. PER 102.9.2 HAND-HELD SHOWER DEPICTED WILL BE PROVIDED WITHIN 10 (TEN) DAYS.
13. PER P102.9.1 BATHTUB SHALL BE PROVIDED WITH A IN-TUB SEAT MOUNTED TO SIDE WALL ABOVE BATHTUB. WHERE A TUB SEAT IN COMPLIANCE IS NOT PROVIDED, THE OWNER SHALL PROVIDE SUCH A TUB SEAT AT THE TIME A PERSON WITH PHYSICAL DISABILITIES TAKES OCCUPANCY OF THE UNIT, OR WITHIN 10 DAYS OF THE DATE THE REQUEST IS MADE BY A PERSON WITH PHYSICAL DISABILITIES, WHICHEVER IS LATER, AT THE OWNER'S EXPENSE.
14. REFER TO A-510 FOR TYPICAL MOUNTING HEIGHTS.

BATHROOM LEGEND:



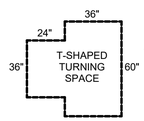
CLEAR FLOOR SPACE

*CLEAR FLOOR SPACE PER ICC/ANSI A117.1-2003 SEC. 1003.12.3 THROUGH 1003.12.6 AT FIXTURES.



REMOVABLE BASE CAB

*FILLED AREAS INDICATE REMOVABLE BASE CABINET AT LAVATORY. KNEE AND TOE CLEARANCE AFTER CABINET REMOVED PER ANSI 306.



REQUIRED TURN AROUND AT UFAS MOBILITY BATHROOMS

IN ALL UNITS OTHER THAN SECTION 504/UFAS MOBILITY IMPAIRED UNITS, WALL REINFORCEMENT THAT PERMITS THE INSTALLATION OF GRAB BARS.

ALL UNITS TO HAVE A "DAY ONE" INSTALLED GRAB BAR FOR FALL PROTECTION PER HCR DESIGN GUIDELINES.

Eleven11 Webster Ave

1111 Webster Ave.
Bronx NY 10456

M1099 Webster LLC
48-02 25th Ave, Suite 400 C
Astoria, NY 11103

Schur Management Co., Ltd.
2432 Grand Concourse
Bronx, NY 10458

BronxWorks
60 E. Tremont Ave.
Bronx, NY 10453

DattnerArchitects
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Landscape Architect
Weintraub Diaz Landscape Arch, PLLC
19 New St.
Nyack, NY 10960

Lighting Designer
HLB Lighting Design
38 E. 32nd St. 11th Fl.
New York, NY 10016

Sustainability Consultant
Ettinger Engineering Associates
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New York, NY 10018

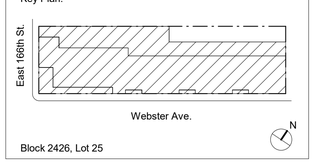
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Bathroom Notes & Details

Date	09/03/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

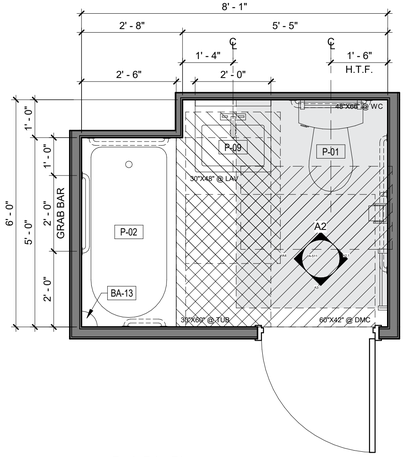
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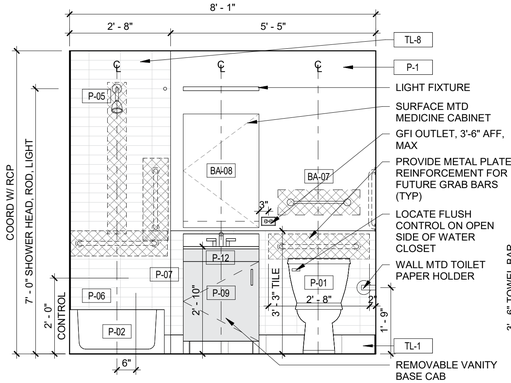
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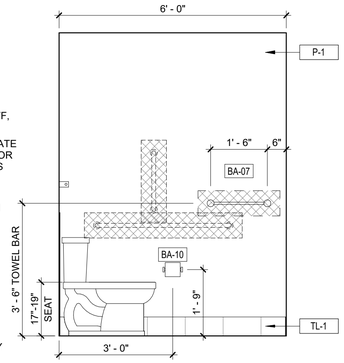
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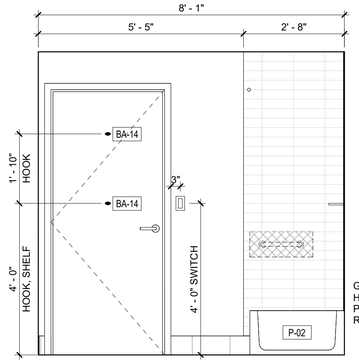
A1 Bath B1 - Plan
1/2" = 1'-0"



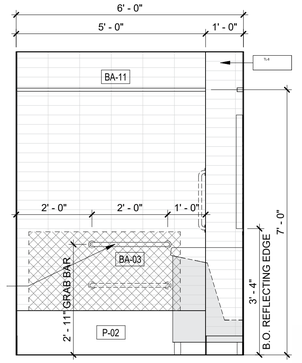
A2 B1 - Elevation 1
1/2" = 1'-0"



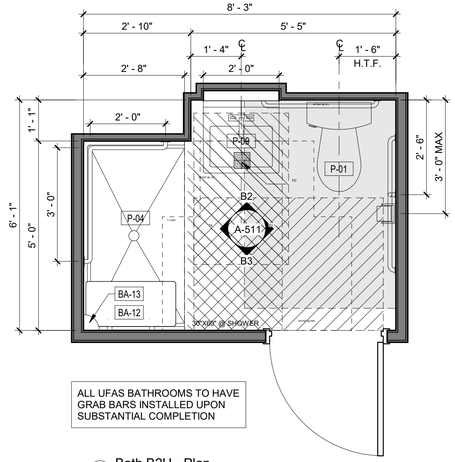
A2.1 B1 - Elevation 2
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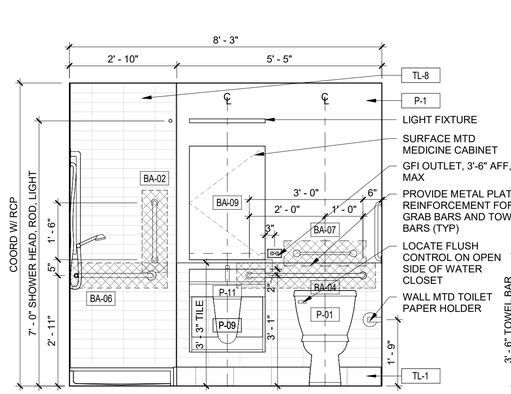
A3 B1 - Elevation 3
1/2" = 1'-0"



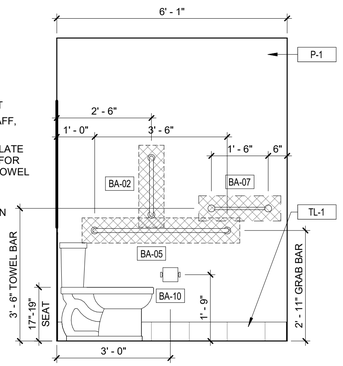
A4 B1 - Elevation 4
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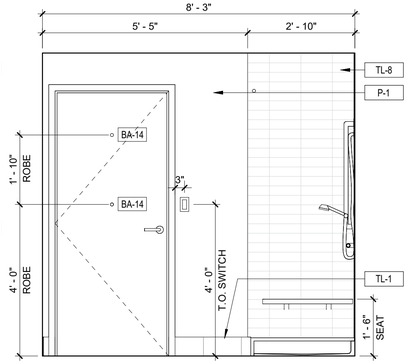
B1 Bath B2U - Plan
1/2" = 1'-0"



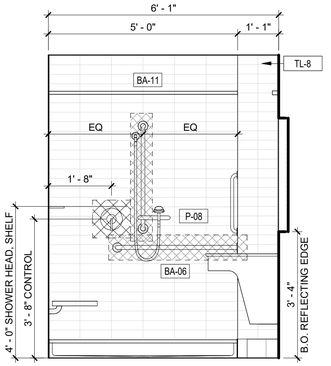
B2 B2U - Elevation 1
1/2" = 1'-0"



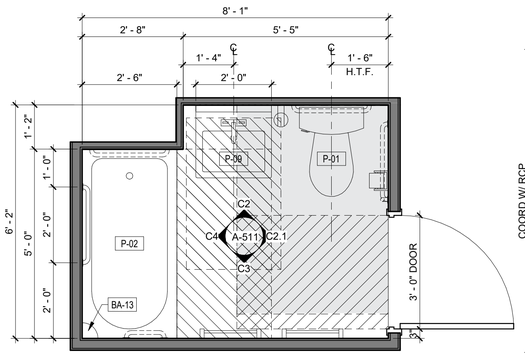
B2.1 B2U - Elevation 2
1/2" = 1'-0"



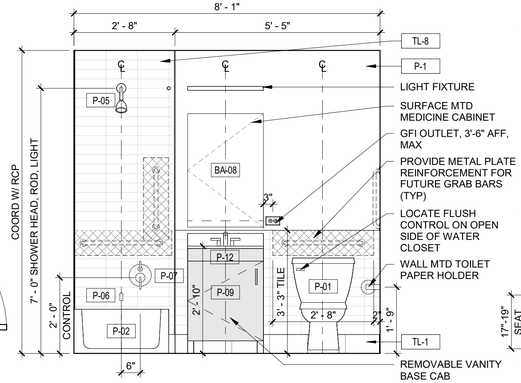
B3 B2U - Elevation 3
1/2" = 1'-0"



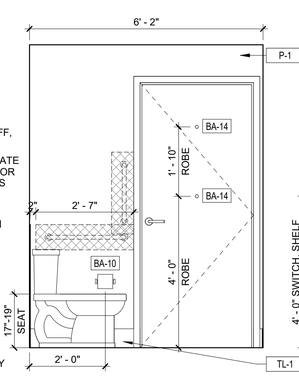
B4 B2U - Elevation 4
1/2" = 1'-0"



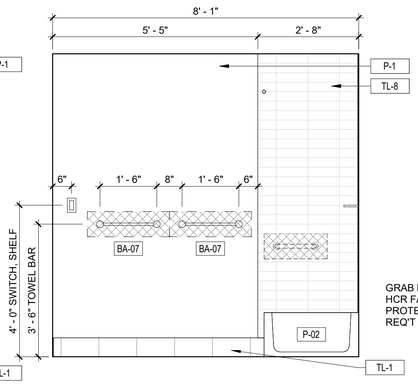
C1 Bath B3 - Plan
1/2" = 1'-0"



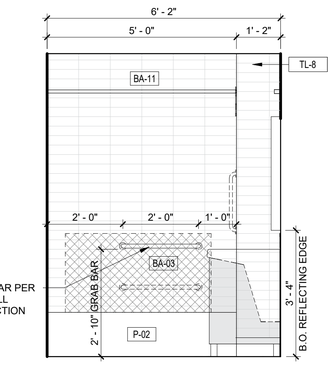
C2 B3 - Elevation 1
1/2" = 1'-0"



C2.1 B3 - Elevation 2
1/2" = 1'-0"



C3 B3 - Elevation 3
1/2" = 1'-0"



C4 B3 - Elevation 4
1/2" = 1'-0"

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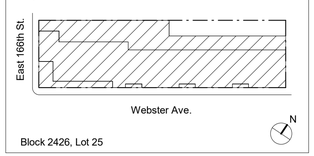
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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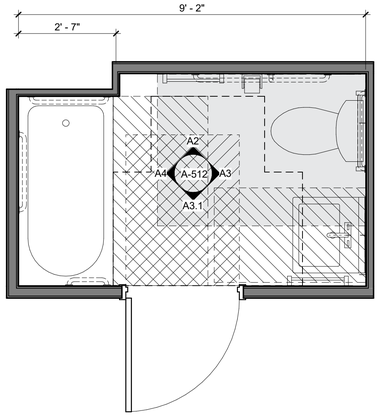
Apt. Bathroom Plans & Elevations 1

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Drawn By	DA
Checked By	DA
Project No.	2231

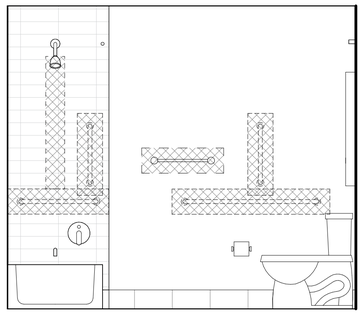
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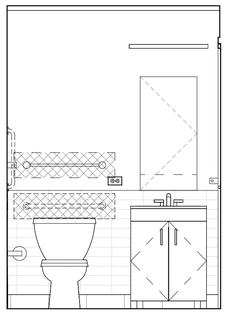
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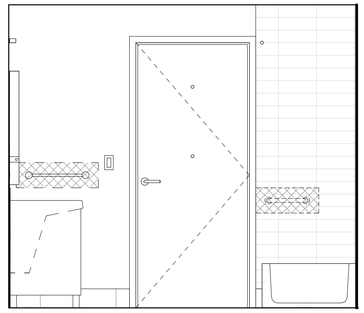
A1 Bath B4 - Plan
1/2" = 1'-0"



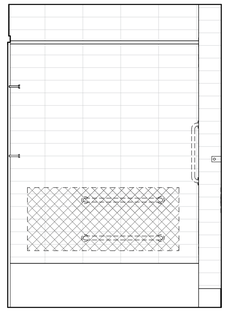
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1/2" = 1'-0"



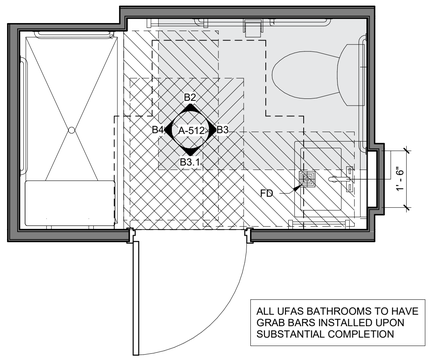
A3 B4 - Elevation 2
1/2" = 1'-0"



A3.1 B4 - Elevation 3
1/2" = 1'-0"

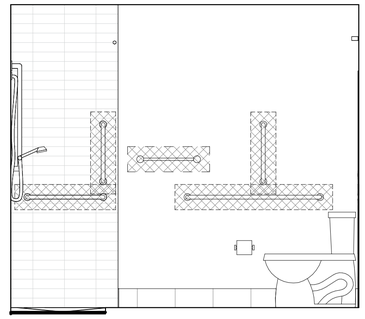


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1/2" = 1'-0"

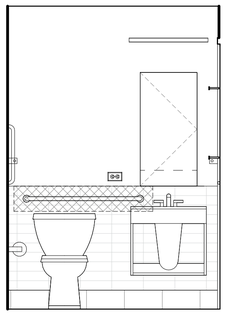


ALL UFAS BATHROOMS TO HAVE GRAB BARS INSTALLED UPON SUBSTANTIAL COMPLETION

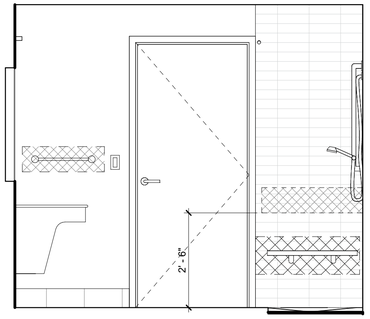
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1/2" = 1'-0"



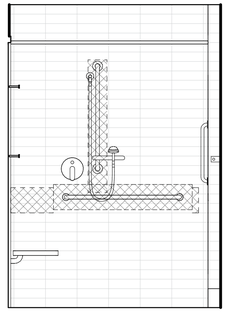
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1/2" = 1'-0"



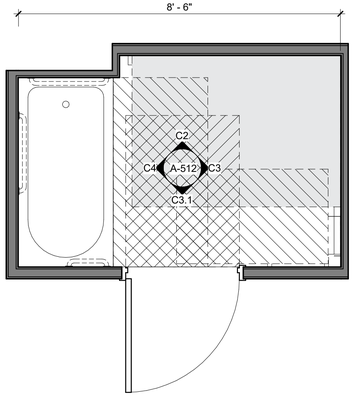
B3 B5U - Elevation 2
1/2" = 1'-0"



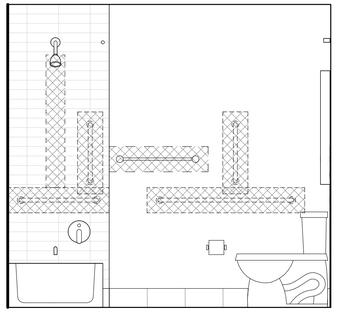
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1/2" = 1'-0"



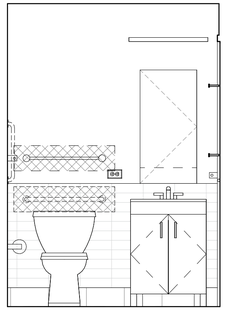
B4 B5U - Elevation 4
1/2" = 1'-0"



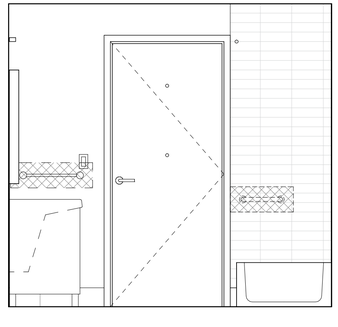
C1 Bath B6 - Plan
1/2" = 1'-0"



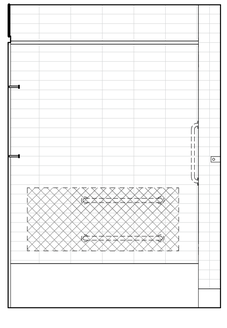
C2 B6 - Elevation 1
1/2" = 1'-0"



C3 B6 - Elevation 2
1/2" = 1'-0"



C3.1 B6 - Elevation 3
1/2" = 1'-0"



C4 B6 - Elevation 4
1/2" = 1'-0"

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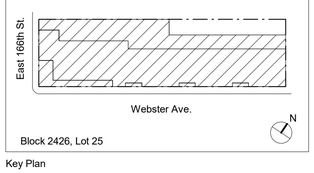
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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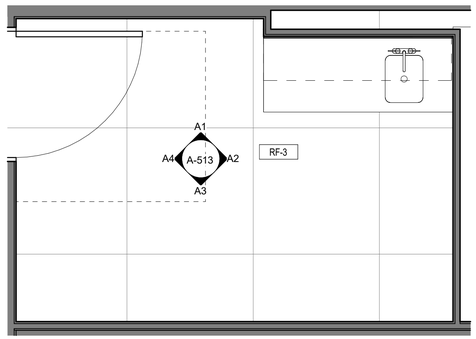
Apt. Bathroom Plans & Elevations 2

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Drawn By	DA
Checked By	DA
Project No.	2231

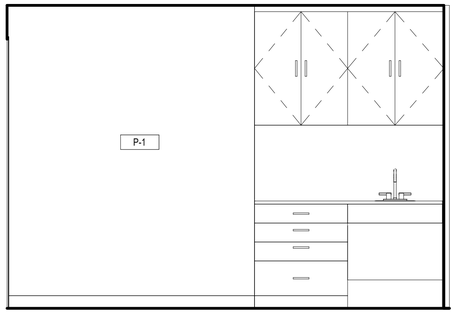
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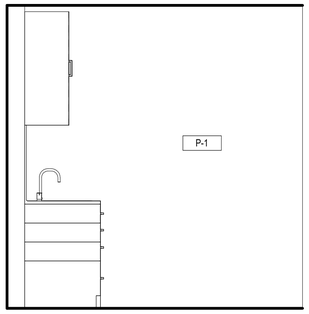
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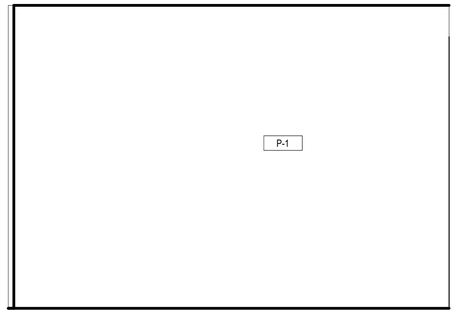
A Enlarged Plan - Exam Room
1/2" = 1'-0"



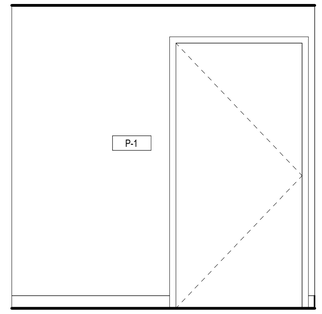
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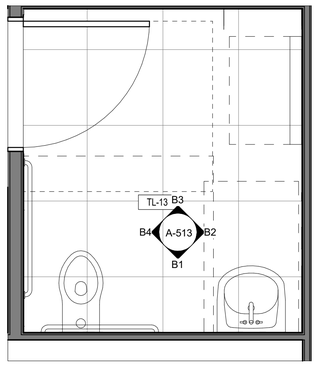
A2 Exam Room Elevation 2
1/2" = 1'-0"



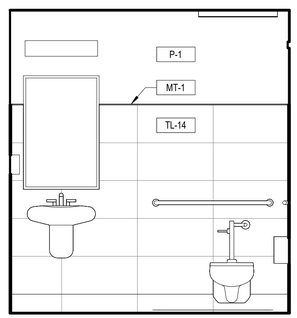
A3 Exam Room Elevation 3
1/2" = 1'-0"



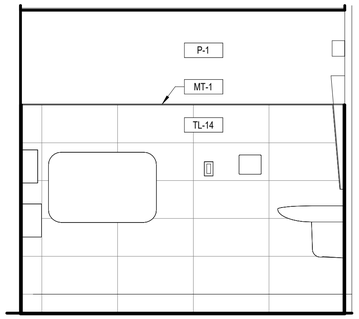
A4 Exam Room Elevation 4
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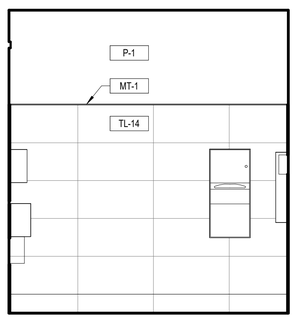
B Bathroom B7 - SS Suite Restroom
1/2" = 1'-0"



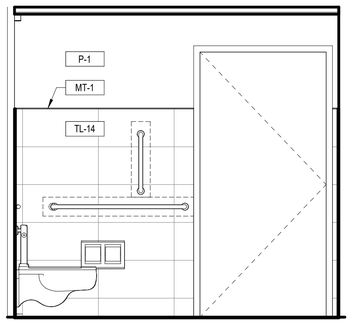
B1 Supportive Services Bathroom Elevation 3
1/2" = 1'-0"



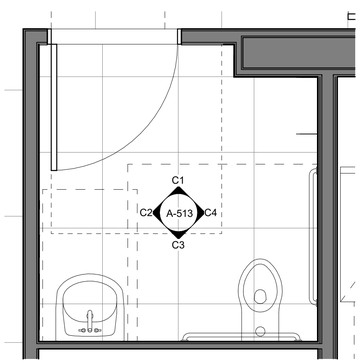
B2 Supportive Services Bathroom Elevation 2
1/2" = 1'-0"



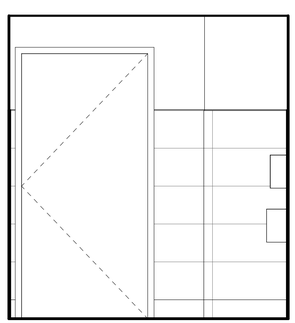
B3 Supportive Services Bathroom Elevation 1
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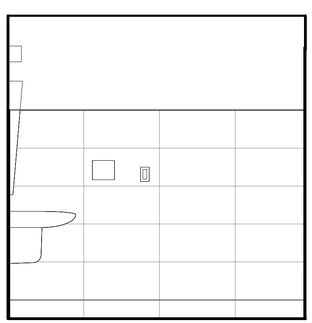
B4 Supportive Services Bathroom Elevation 4
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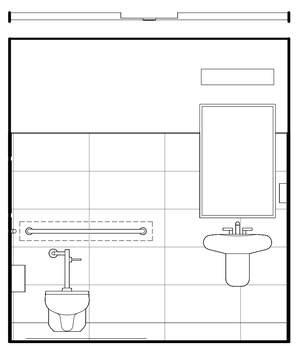
C Bathroom B7 - Plan - SS Suite Entry Restroom
1/2" = 1'-0"



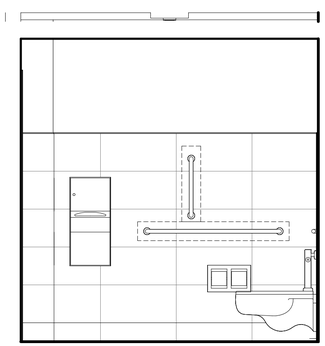
C1 Elevation 1
1/2" = 1'-0"



C2 Elevation 2
1/2" = 1'-0"



C3 Elevation 3
1/2" = 1'-0"



C4 Elevation 4
1/2" = 1'-0"

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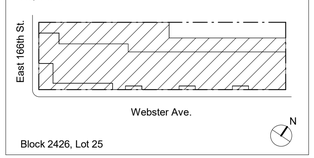
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P3	50% Construction Documents	23-1201
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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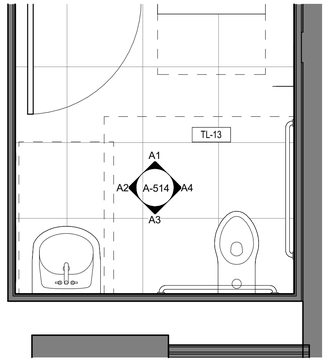
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Drawn By	DA
Checked By	DA
Project No.	2231

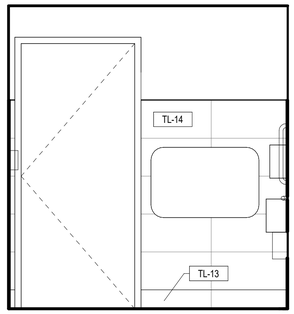
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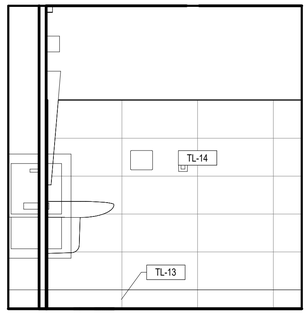
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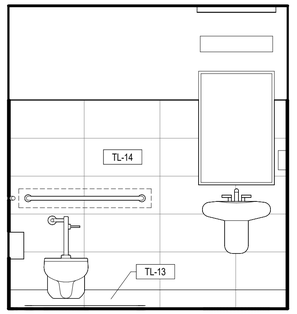
A Bath B7 - Plan - Multi-Purpose Room Bath
1/2" = 1'-0"



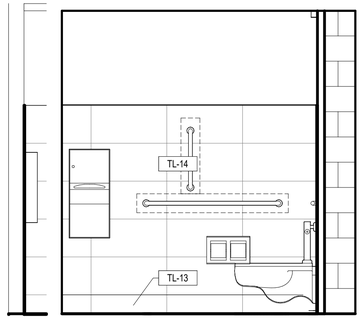
A1 MPR Restroom - Elevation 1
1/2" = 1'-0"



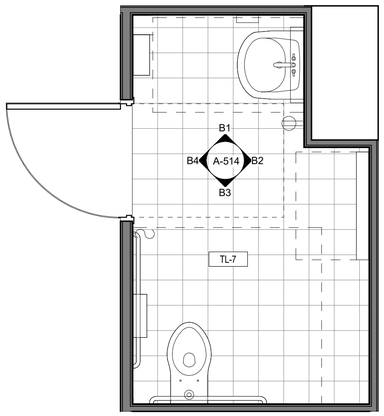
A2 MPR Restroom - Elevation 2
1/2" = 1'-0"



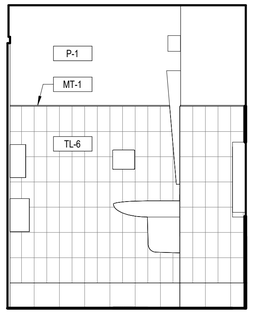
A3 MPR Restroom - Elevation 3
1/2" = 1'-0"



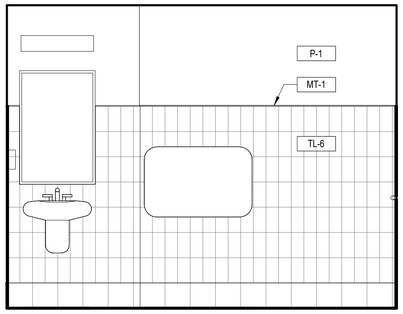
A4 MPR Restroom - Elevation 4
1/2" = 1'-0"



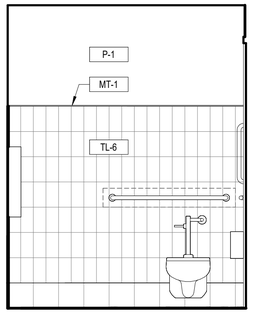
B Bath B8 - Plan
1/2" = 1'-0"



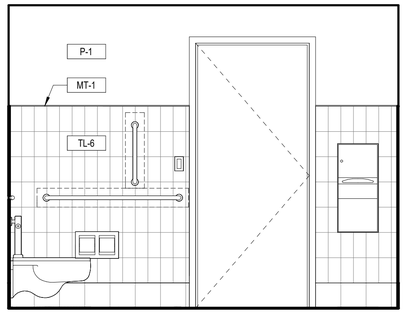
B1 Bath B8 - Elevation 1
1/2" = 1'-0"



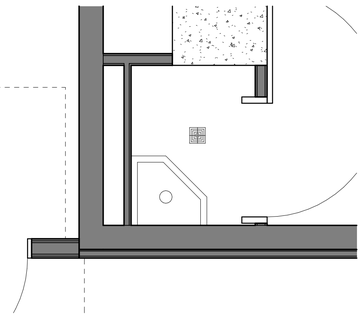
B2 Bath B8 - Elevation 2
1/2" = 1'-0"



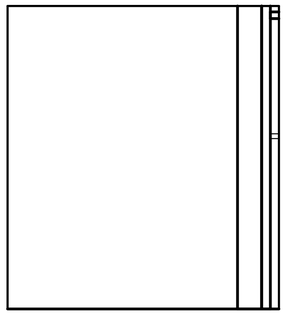
B3 Bath B8 - Elevation 3
1/2" = 1'-0"



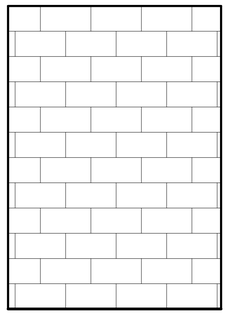
B4 Bath B8 - Elevation 4
1/2" = 1'-0"



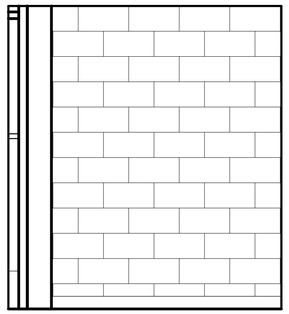
C Bath B9 - Plan
1/2" = 1'-0"



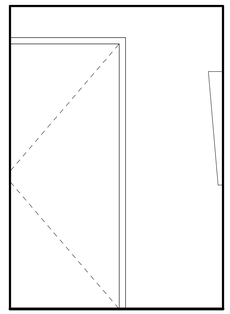
C1 Bath B9 - Elevation 1
1/2" = 1'-0"



C2 Bath B9 - Elevation 2
1/2" = 1'-0"



C3 Bath B9 - Elevation 3
1/2" = 1'-0"



C4 Bath B9 - Elevation 4
1/2" = 1'-0"

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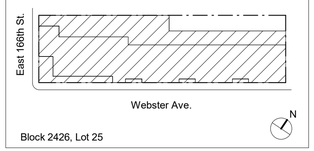
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Public Bathroom Plans & Elevations 2

Date	08/30/2024
Scale	1/2" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

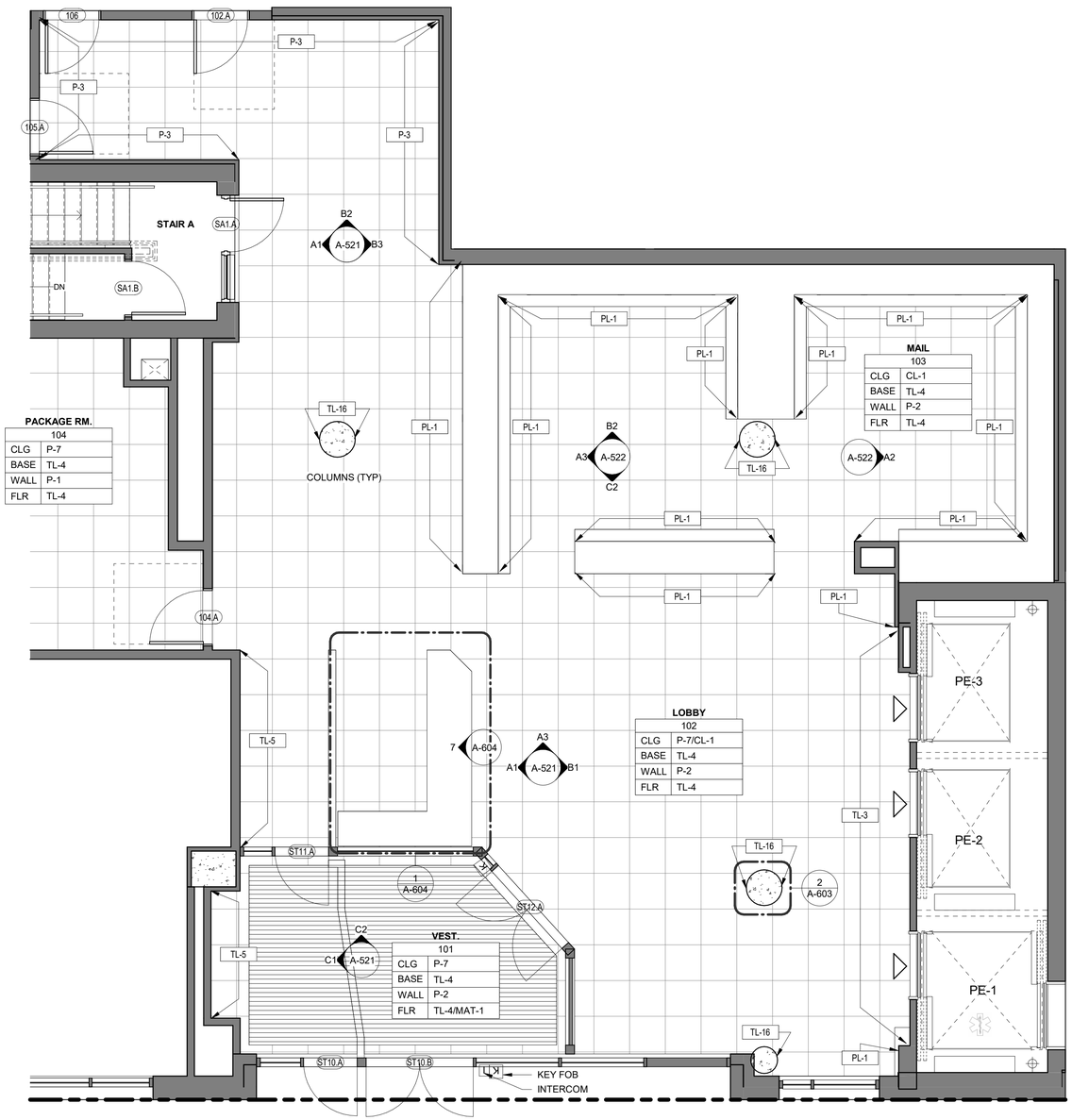
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C3 Enlarged Plan - Ground Floor Lobby
1/4" = 1'-0"

FINISH LEGEND:

XX-# / XX-# FLOOR MATERIAL TRANSITION

XX-# / XX-# FLOOR MATERIAL TRANSITION W/ SADDLE

XX-# EXTENT OF WALL FINISH

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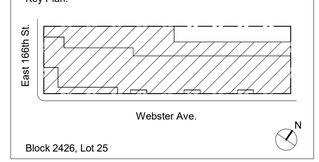
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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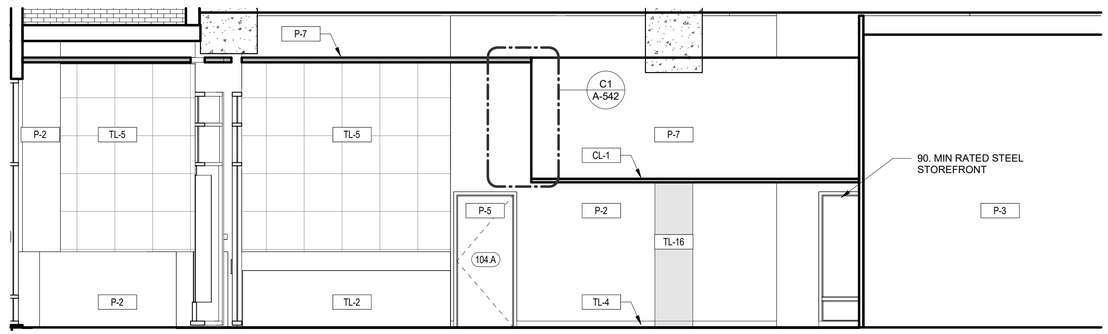
Ground Floor Lobby Finish Plan

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

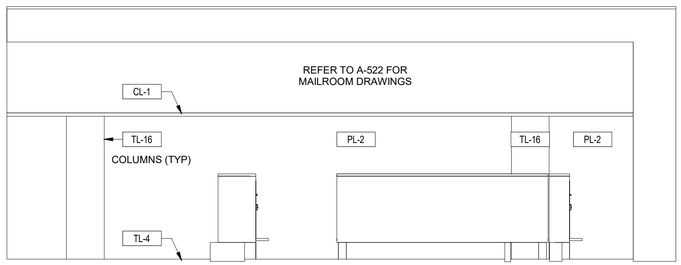
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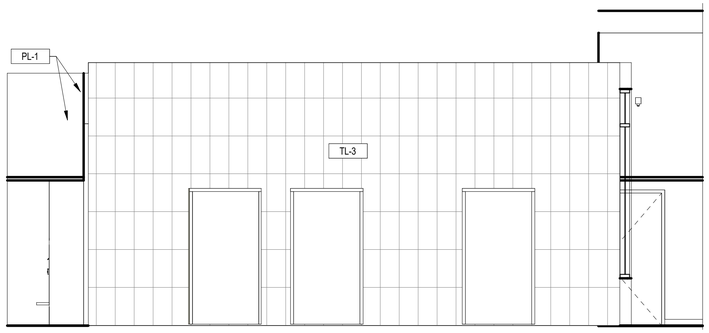
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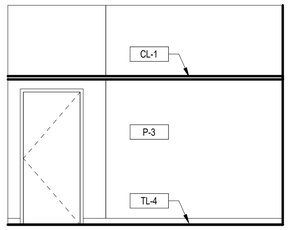
A1 Lobby Interior Elevation
1/4" = 1'-0"



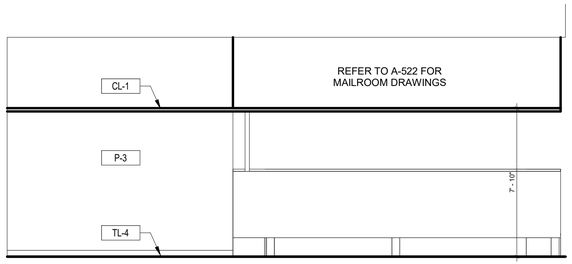
A3 Lobby Interior Elevation
1/4" = 1'-0"



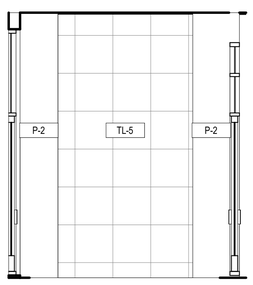
B1 Lobby Interior Elevation
1/4" = 1'-0"



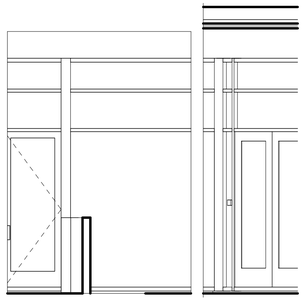
B2 Lobby Interior Elevation
1/4" = 1'-0"



B3 Lobby Interior Elevation
1/4" = 1'-0"



C1 Vestibule Interior Elevation
1/4" = 1'-0"



C2 Vestibule Interior Elevation
1/4" = 1'-0"

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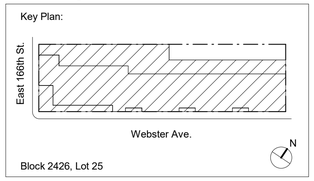
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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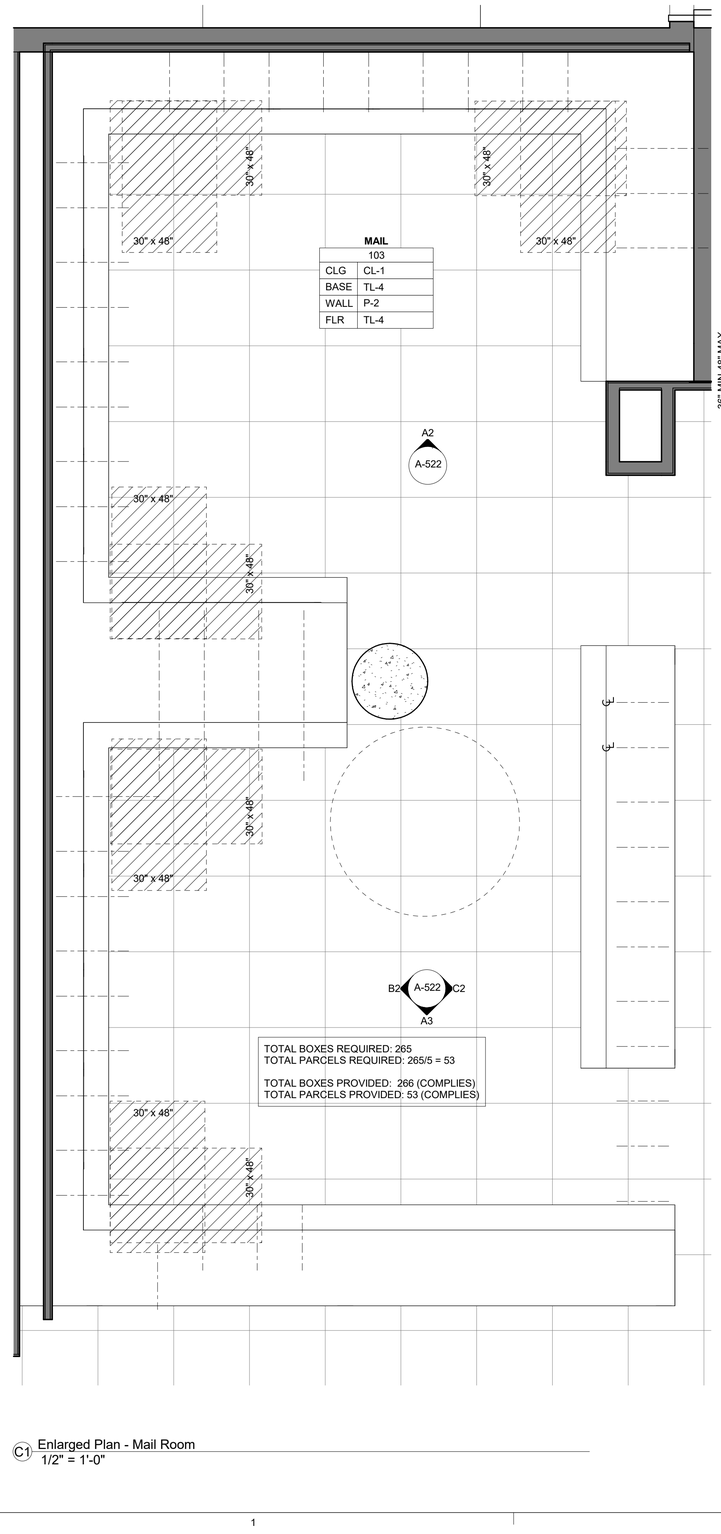
Ground Floor Lobby Finish Elevations

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

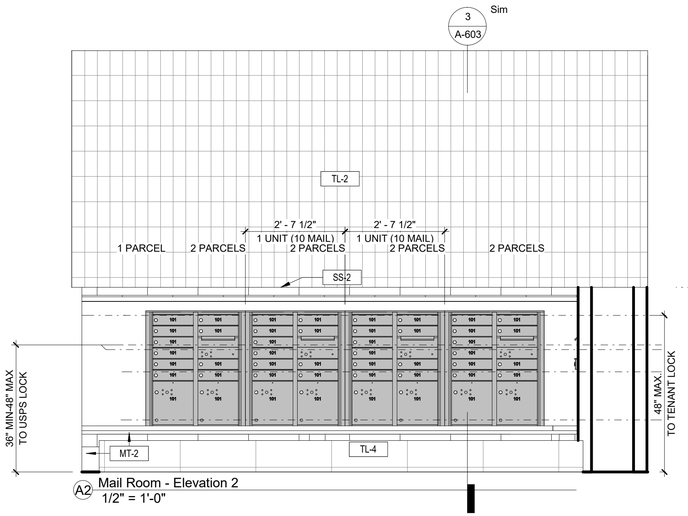
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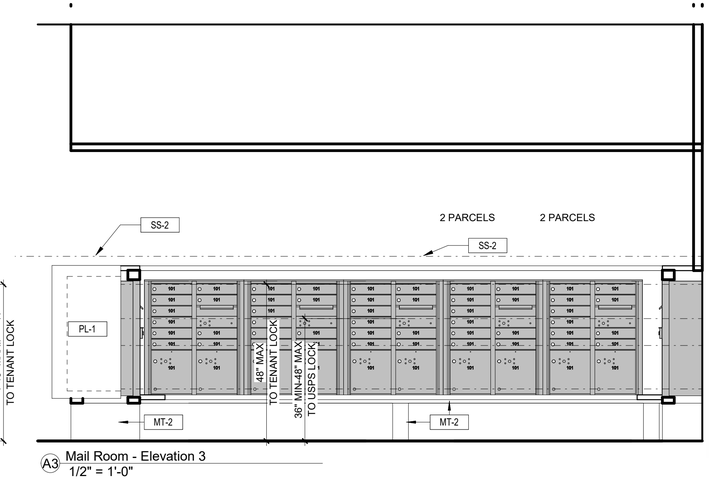
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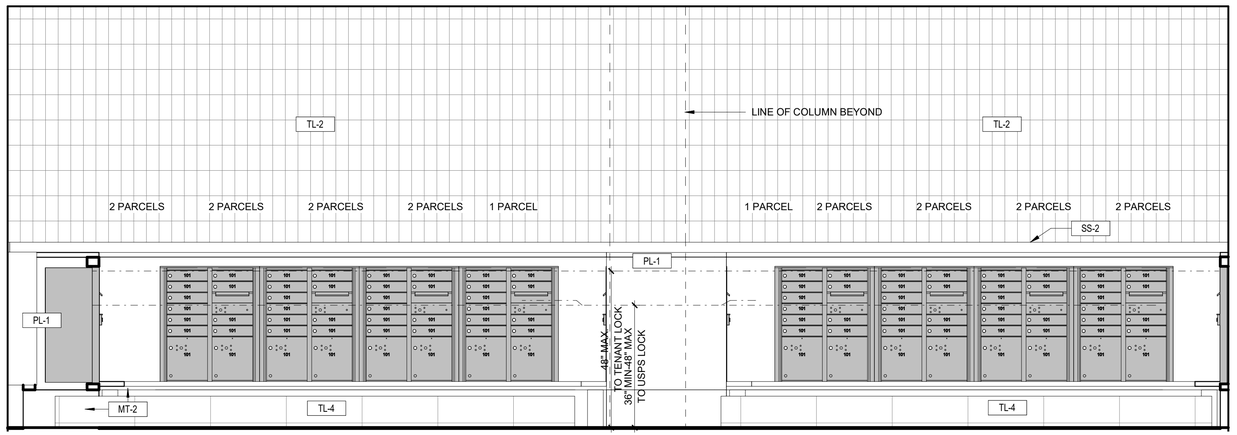
C1 Enlarged Plan - Mail Room
1/2" = 1'-0"



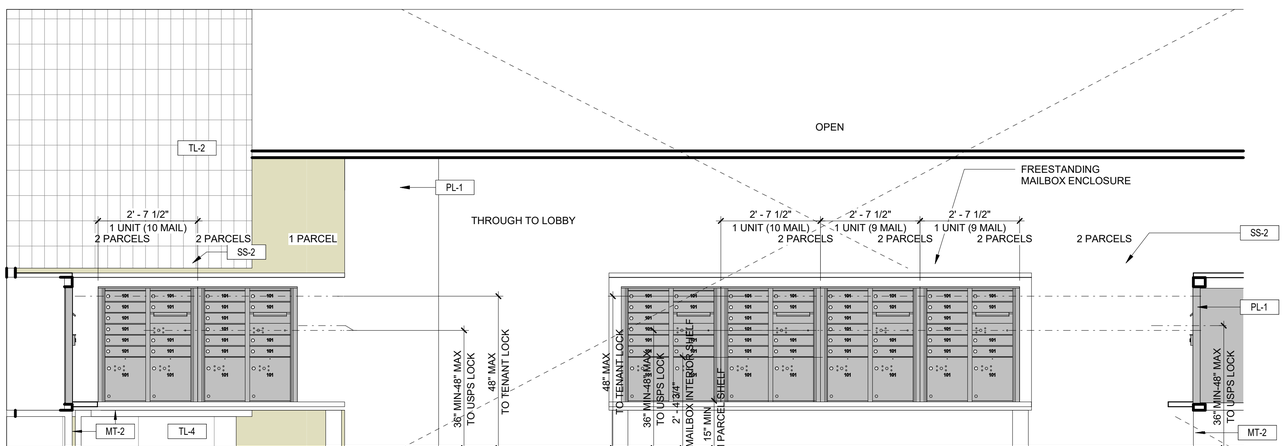
A2 Mail Room - Elevation 2
1/2" = 1'-0"



A3 Mail Room - Elevation 3
1/2" = 1'-0"



B2 Mail Room - Elevation 4
1/2" = 1'-0"



C2 Mailroom - Elevation 5
1/2" = 1'-0"

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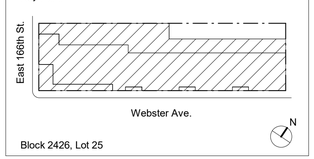
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Mailboxes Finish Plan & Elevations

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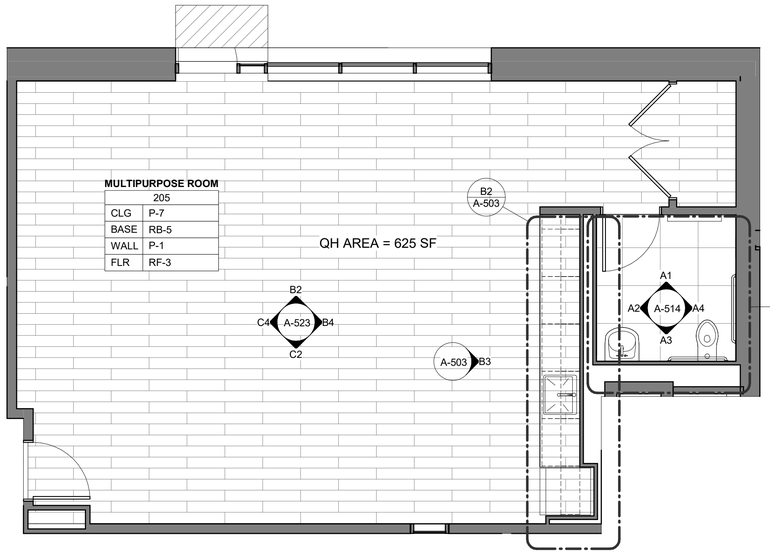
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XX-# / XX-# FLOOR MATERIAL TRANSITION

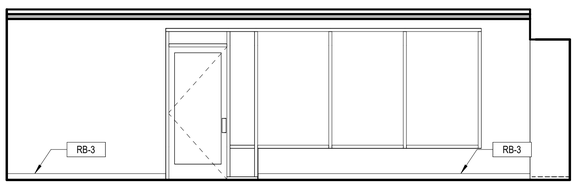
XX-# / XX-# FLOOR MATERIAL TRANSITION W/ SADDLE

XX-# EXTENT OF WALL FINISH

QH REQUIRED LIGHT - MULTI-PURPOSE ROOM
9.5% OF TOTAL FLOOR SPACE
9.5% OF 726.5 SF = 69.0 SF MIN
PROVIDED: 75.63 SF (REFER TO STOREFRONT SCHEDULE)



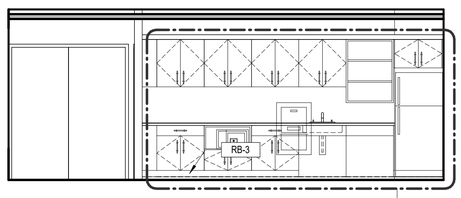
C1 Enlarged Plan - Multipurpose Room
1/4" = 1'-0"



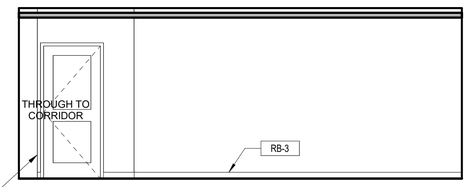
B2 Multipurpose Room Elevation 1
1/4" = 1'-0"



C2 Multipurpose Room Elevation 3
1/4" = 1'-0"



B4 Multipurpose Room Elevation 2
1/4" = 1'-0"



HM DOOR WITH LIGHT: 5/16"
LAMINATED FIRE-RATED
CERAMIC GLASS

C4 Multipurpose Room Elevation 4
1/4" = 1'-0"

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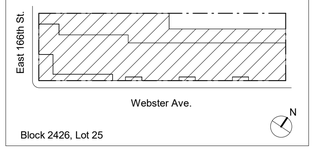
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Multipurpose Room Finish Plan & Elevations

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

A-523.00

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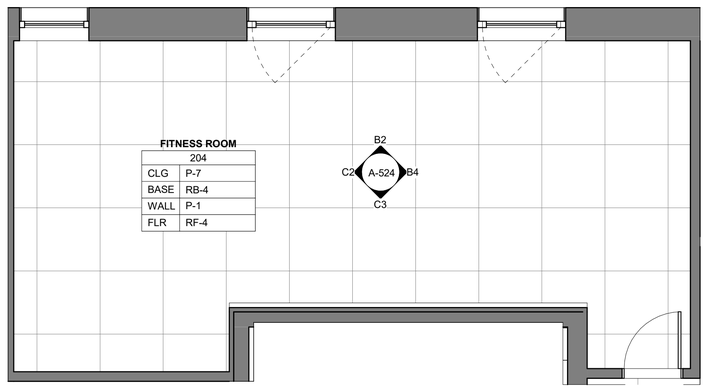
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FINISH LEGEND:

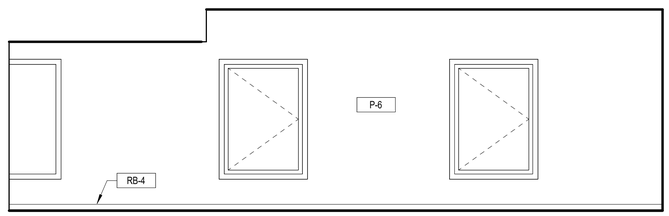
XX-# / XX-# FLOOR MATERIAL TRANSITION

XX-# / XX-# FLOOR MATERIAL TRANSITION W/ SADDLE

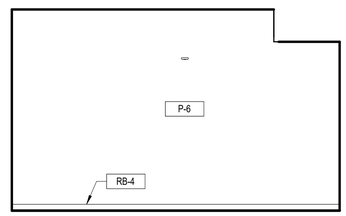
XX-# EXTENT OF WALL FINISH



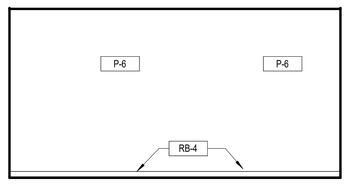
C1 Enlarged Plan - Fitness Room
1/4" = 1'-0"



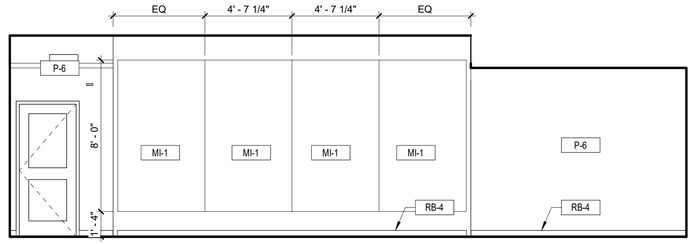
B2 Fitness Room - Elevation
1/4" = 1'-0"



B4 Fitness Room - Elevation
1/4" = 1'-0"



C2 Fitness Room - Elevation
1/4" = 1'-0"



C3 Fitness Room - Elevation
1/4" = 1'-0"

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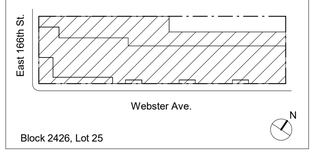
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Fitness Room Finish Plan & Elevations

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

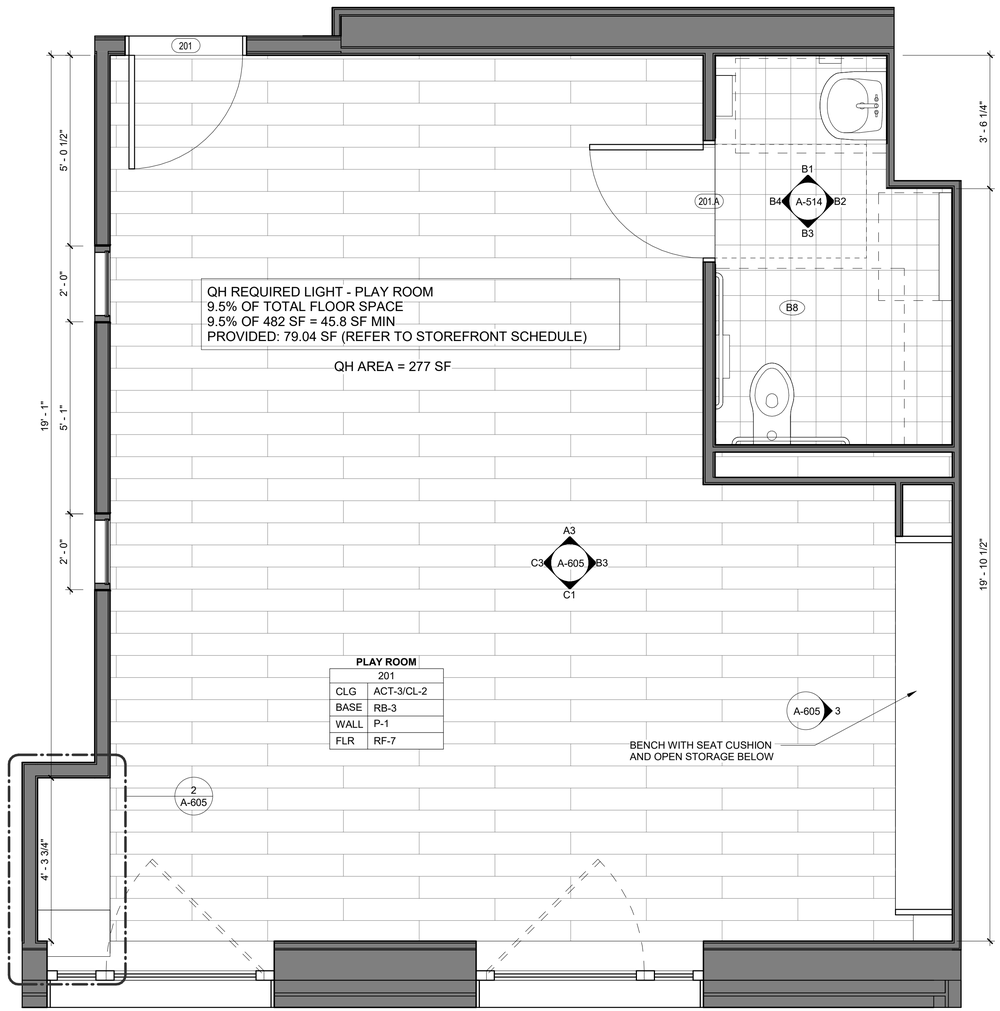
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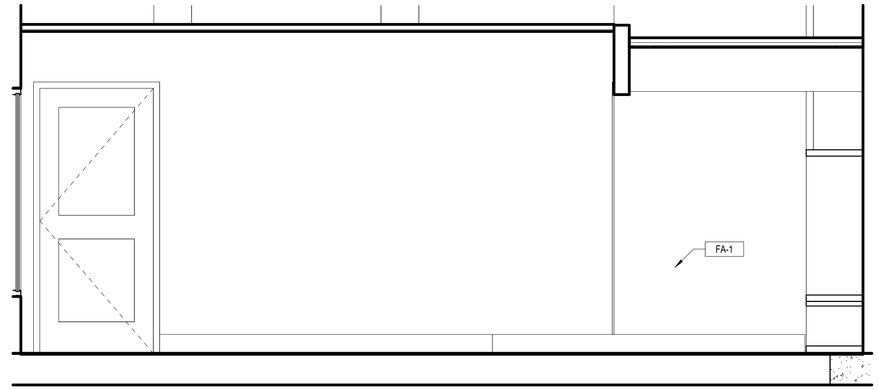
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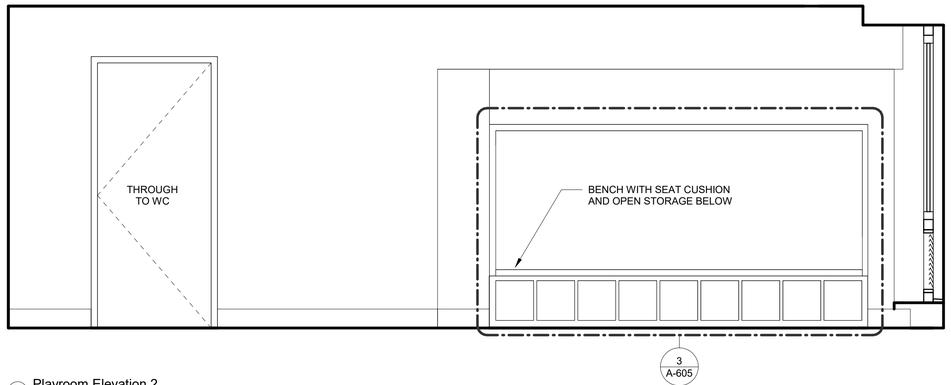
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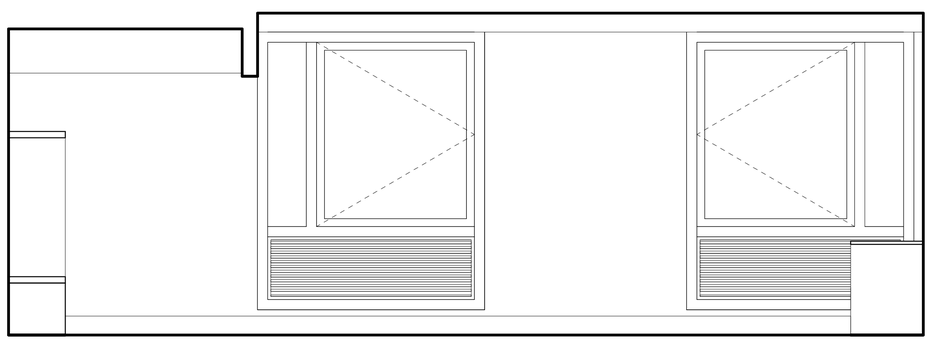
B1 Enlarged Plan - Playroom
1/2" = 1'-0"



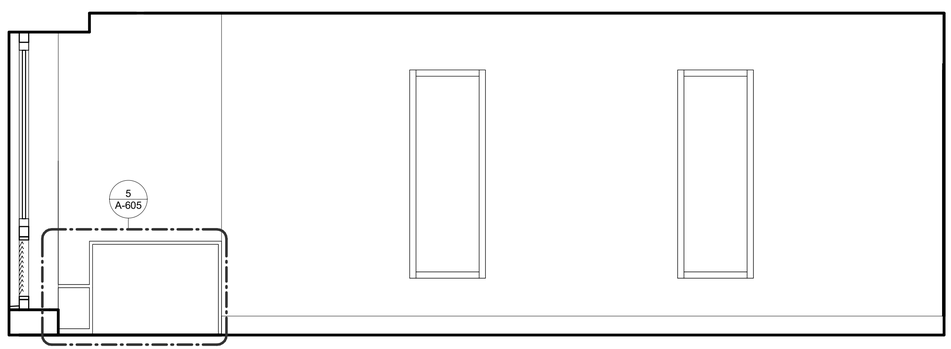
A3 Playroom Elevation 1
1/2" = 1'-0"



B3 Playroom Elevation 2
1/2" = 1'-0"



C1 Playroom Elevation 3
1/2" = 1'-0"



C3 Playroom Elevation 4
1/2" = 1'-0"

FINISH LEGEND:

XX-# / XX-# FLOOR MATERIAL TRANSITION

XX-# / XX-# FLOOR MATERIAL TRANSITION W/ SADDLE

XX-# EXTENT OF WALL FINISH

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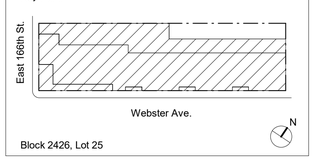
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Playroom Finish Plan & Elevations

Date	08/30/2024
Scale	As indicated
Drawn By	DA
Checked By	DA
Project No.	2231

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1 Enlarged Plan - Supportive Services Suite
1/4" = 1'-0"

FINISH LEGEND:

XX-# / XX-# FLOOR MATERIAL TRANSITION

XX-# / XX-# FLOOR MATERIAL TRANSITION W/ SADDLE

XX-# EXTENT OF WALL FINISH

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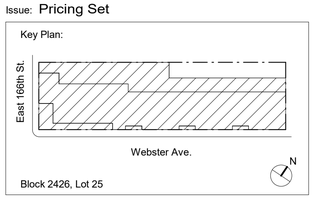
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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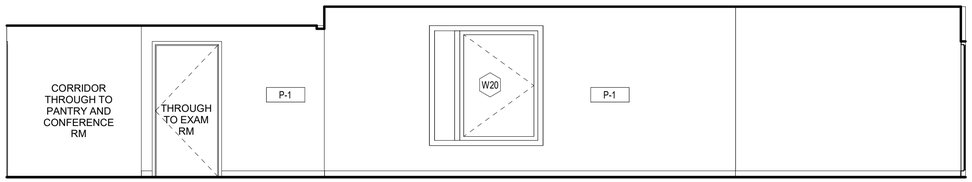
Supportive Services Suite Finish Plan

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

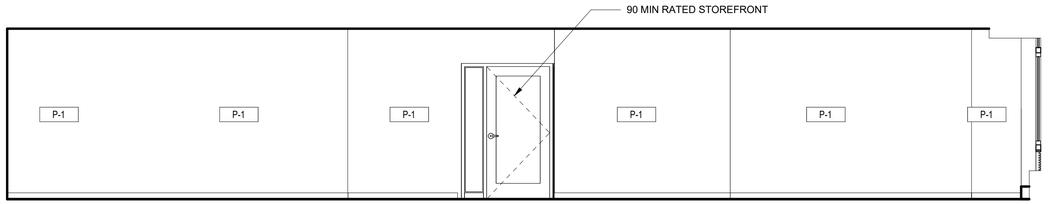
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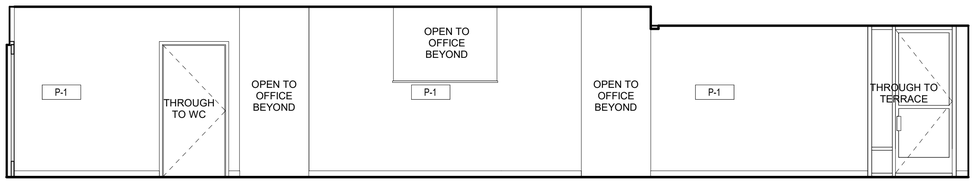
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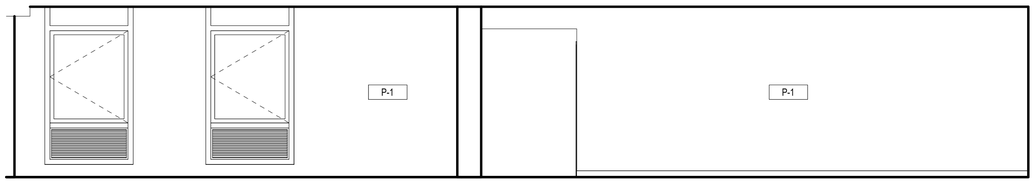
1 Supportive Services Elevation 1
1/4" = 1'-0"



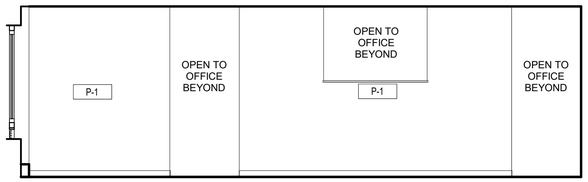
2 Supportive Services Elevation 2
1/4" = 1'-0"



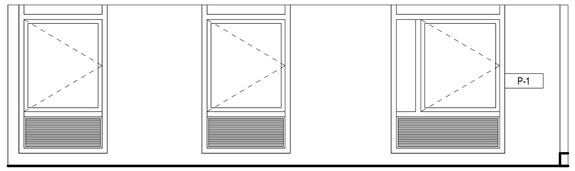
3 Supportive Services Elevation 3
1/4" = 1'-0"



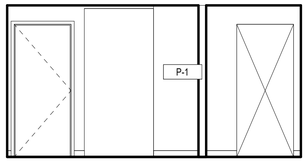
4 Supportive Services Elevation 4
1/4" = 1'-0"



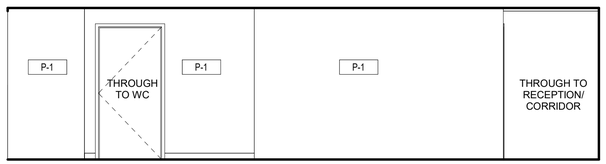
5 Supportive Services Elevation 5
1/4" = 1'-0"



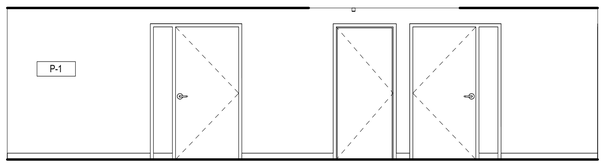
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1/4" = 1'-0"



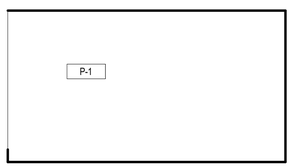
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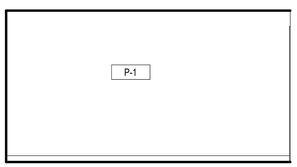
8 Supportive Services Elevation 8
1/4" = 1'-0"



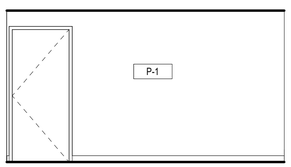
9 Supportive Services Elevation 9
1/4" = 1'-0"



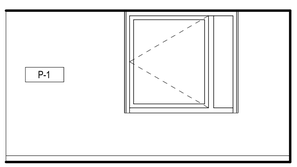
10 Supportive Services Conference Elevation 1
1/4" = 1'-0"



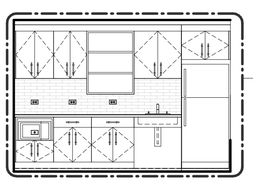
11 Supportive Services Conference Elevation 2
1/4" = 1'-0"



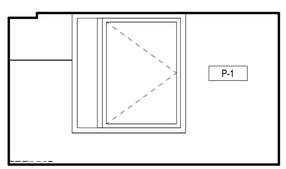
12 Supportive Services Conference Elevation 3
1/4" = 1'-0"



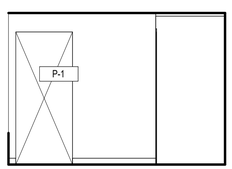
13 Supportive Services Conference Elevation 4
1/4" = 1'-0"



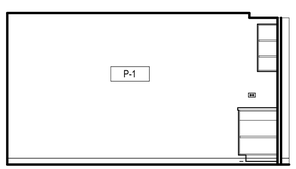
14 Supportive Services Pantry Elevation 1
1/4" = 1'-0"



15 Supportive Services Pantry Elevation 2
1/4" = 1'-0"



16 Supportive Services Pantry Elevation 3
1/4" = 1'-0"



17 Supportive Services Pantry Elevation 4
1/4" = 1'-0"

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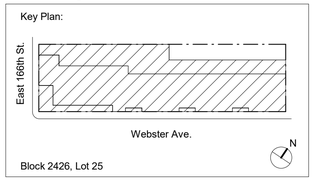
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P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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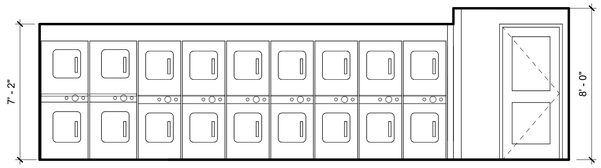
Supportive Services Suite Finish Elevations

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

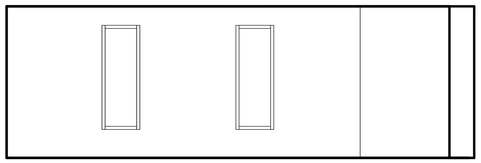
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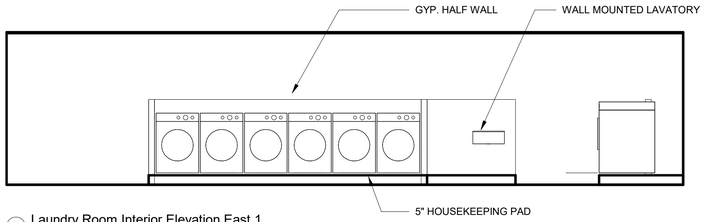
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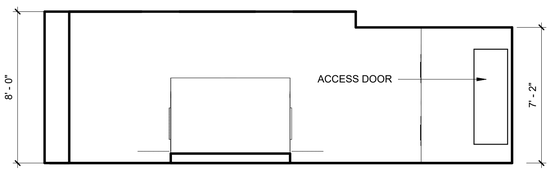
1 Laundry Room Interior Elevation West
1/4" = 1'-0"



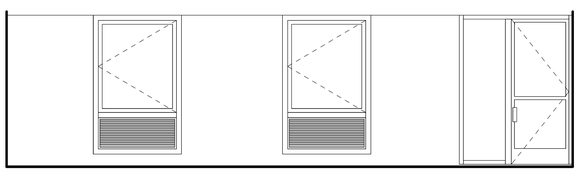
2 Laundry Room Interior Elevation North
1/4" = 1'-0"



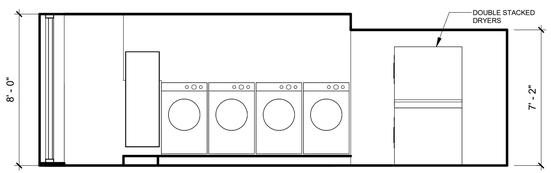
3 Laundry Room Interior Elevation East 1
1/4" = 1'-0"



4 Laundry Room Interior Elevation South 1
1/4" = 1'-0"



5 Laundry Room Interior Elevation East 2
1/4" = 1'-0"



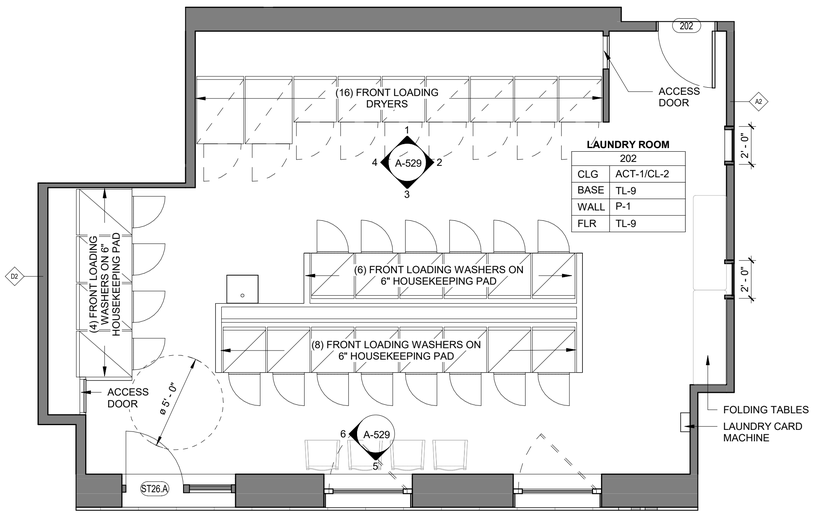
6 Laundry Room Interior Elevation South 2
1/4" = 1'-0"

QUALITY HOUSING REQUIREMENTS

MACHINE COUNT
1 WASHER PER 20 DWELLING UNITS = 13
PROVIDED WASHERS = 18
1 DRYER PER 40 DWELLING UNITS = 7
PROVIDED DRYERS = 18

NATURAL LIGHT
9.5% OF TOTAL FLOOR SPACE
9.5% OF 777 SF = 73.8 SF MIN
PROVIDED = 91.4 SF (REFER TO STOREFRONT SCHEDULE)

FOLDING TABLE AND CHAIRS
3 SF x 36 MACHINES = 108 SF REQUIRED
PROVIDED = 110 SF



7 Enlarged Plan - Laundry Room
1/4" = 1'-0"

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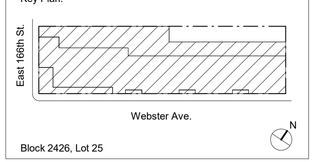
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Laundry Room Finish Plan & Elevations

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

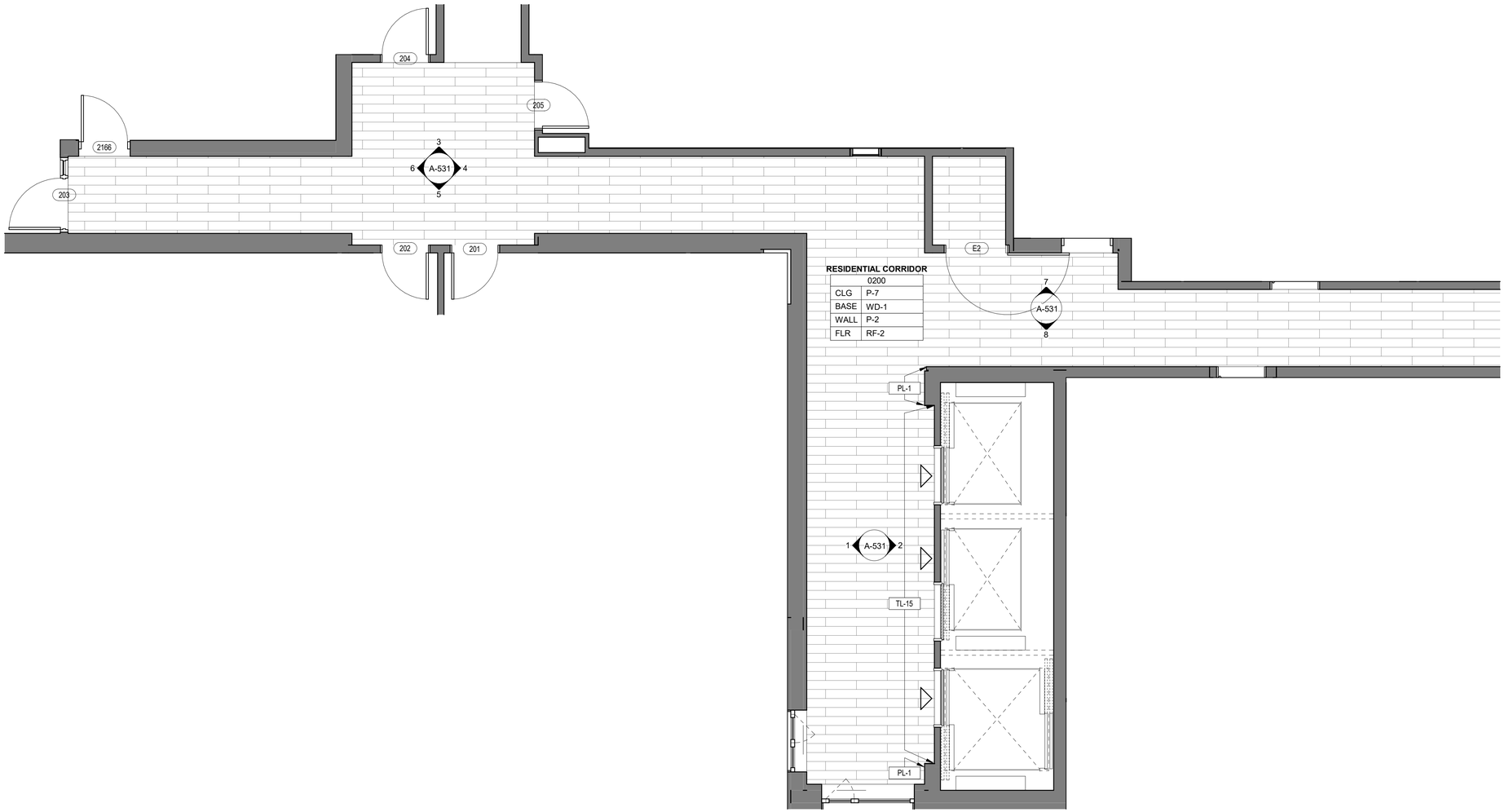
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1 Level 2 Elevator Lobby and Corridor Enlarged Plan
1/4" = 1'-0"

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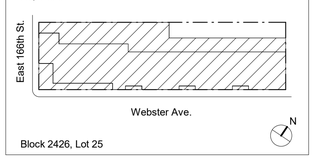
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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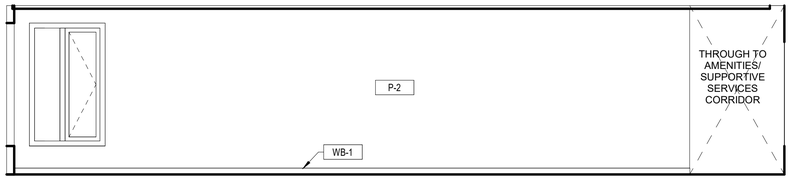
2nd Floor Elevator Lobby & Corridor Finish Plan

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

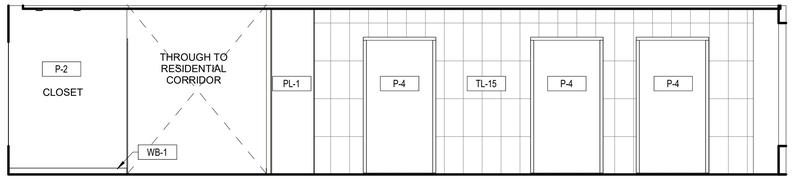
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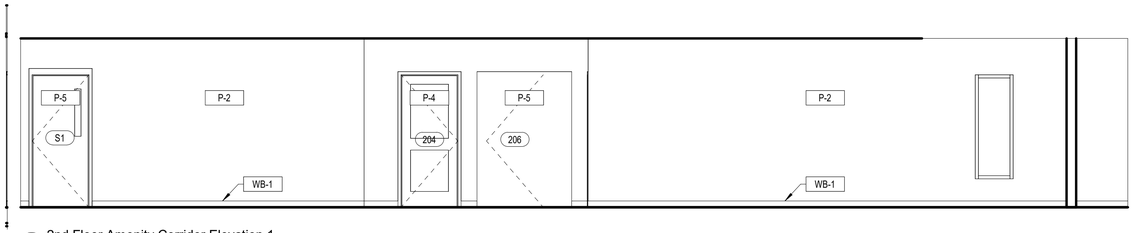
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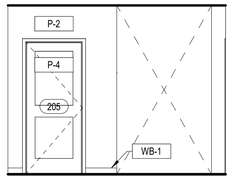
1 2nd Floor Elevator Lobby Elevation 1
1/4" = 1'-0"



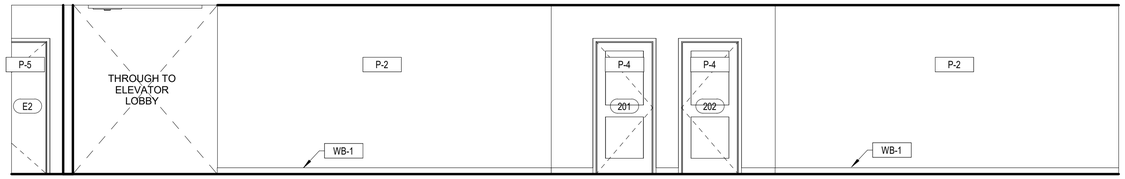
2 2nd Floor Elevator Lobby Elevation 2
1/4" = 1'-0"



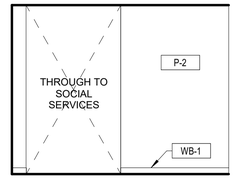
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1/4" = 1'-0"



4 2nd Floor Amenity Corridor Elevation 2
1/4" = 1'-0"



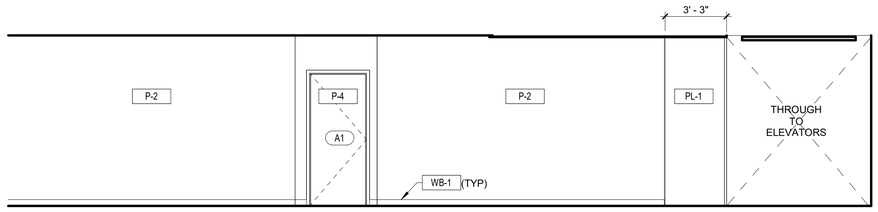
5 2nd Floor Amenity Corridor Elevation 3
1/4" = 1'-0"



6 2nd Floor Amenity Corridor Elevation 4
1/4" = 1'-0"



7 2nd Floor Residential Corridor Elevation 1
1/4" = 1'-0"



8 2nd Floor Residential Corridor Elevation 2
1/4" = 1'-0"

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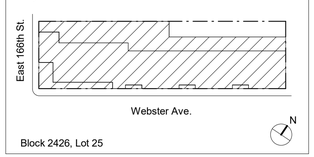
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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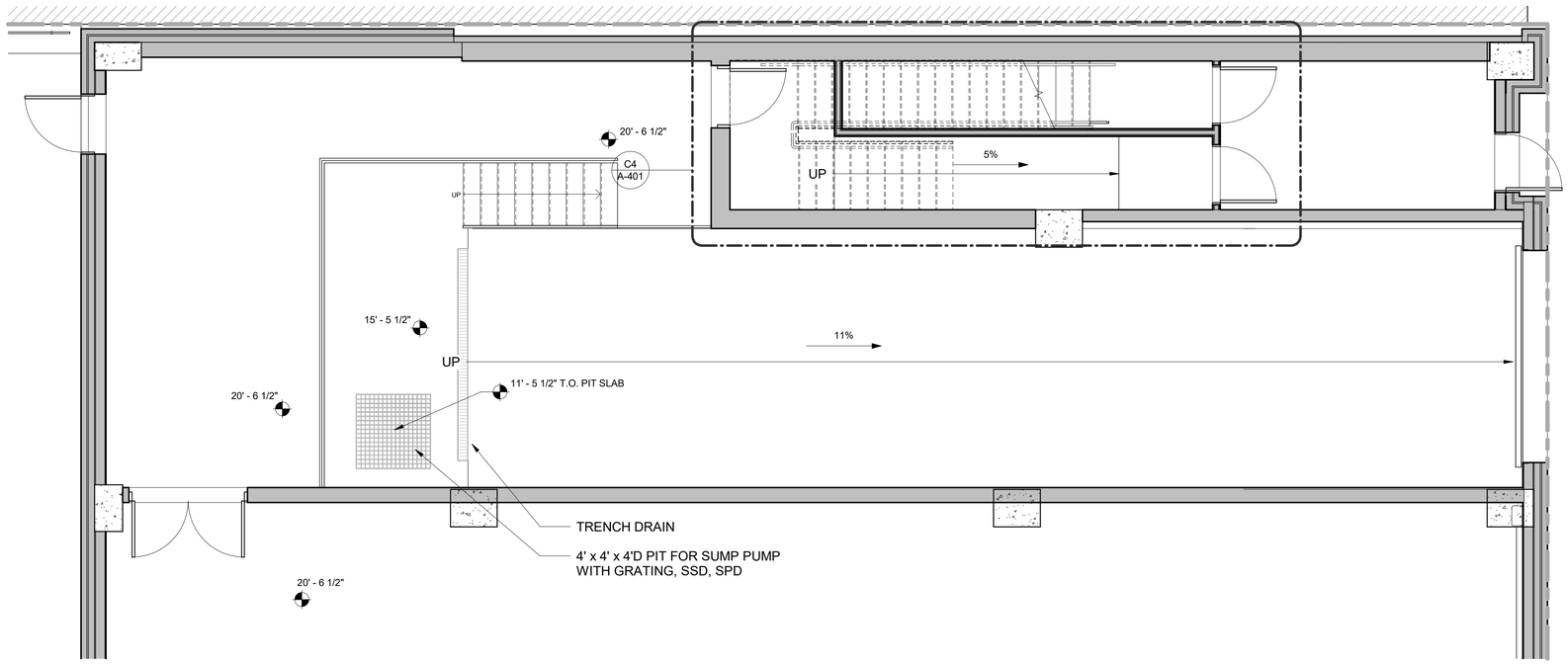
2nd Floor Elevator Lobby & Corridor Finish Elevations

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
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Project No.	2231

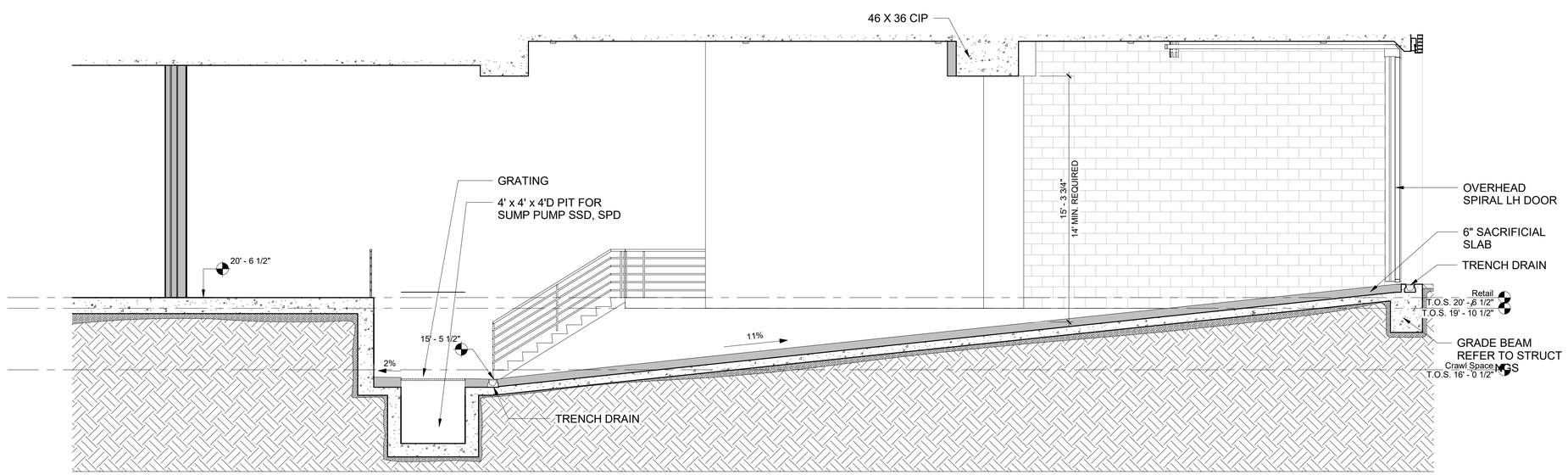
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1 Part Plan of Loading Dock
1/4" = 1'-0"



C1 Section Through Loading Dock
1/4" = 1'-0"

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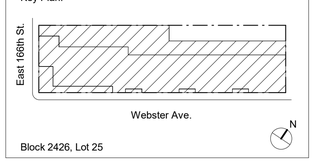
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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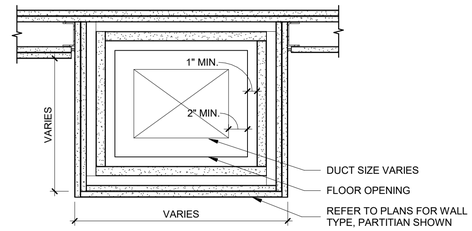
Loading Dock Plan and Section

Date	08/30/2024
Scale	1/4" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

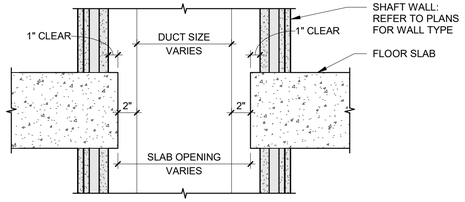
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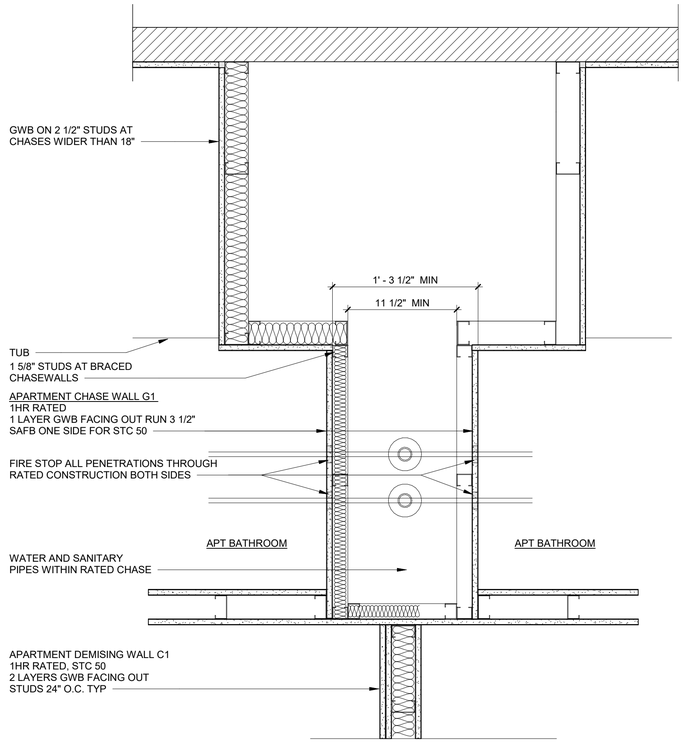
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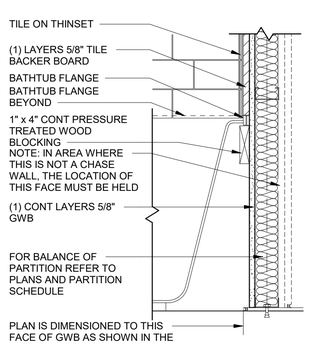
A2 Plan Detail - Typ Shaft Enclosure w/Liner
1 1/2" = 1'-0"



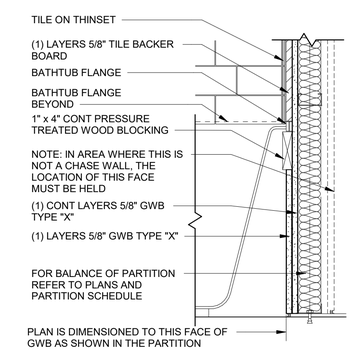
B2 Section Detail - Typ Shaft Enclosure
1 1/2" = 1'-0"



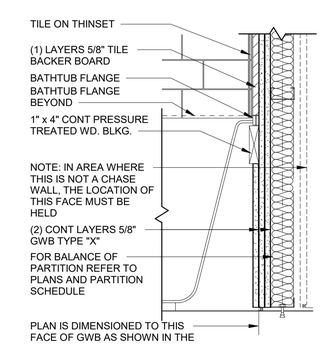
B3 Plan Detail - Apartment to Apartment Bathroom Back to Back Chase Hour Rated Stc 50 With Plumbing Enclosure
1 1/2" = 1'-0"



3 Section Detail - Non-Rated Partition at Bathtub
1 1/2" = 1'-0"



1 Section Detail - 1HR-Rated Partition at Bathtub
1 1/2" = 1'-0"



2 Section Detail - 2HR-Rated Partition at Bathtub
1 1/2" = 1'-0"

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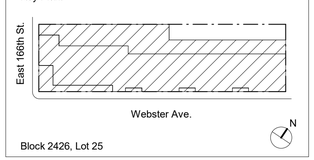
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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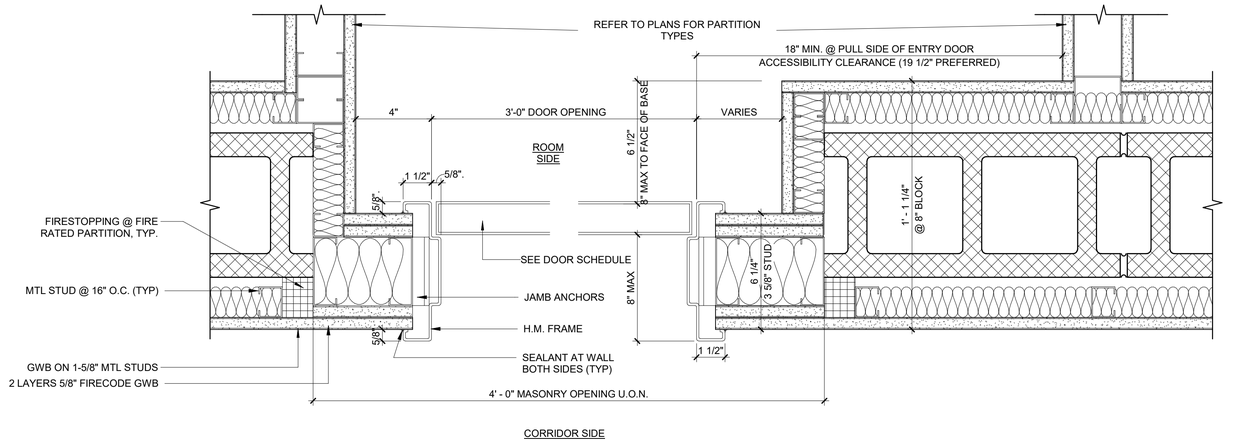
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Scale	1 1/2" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

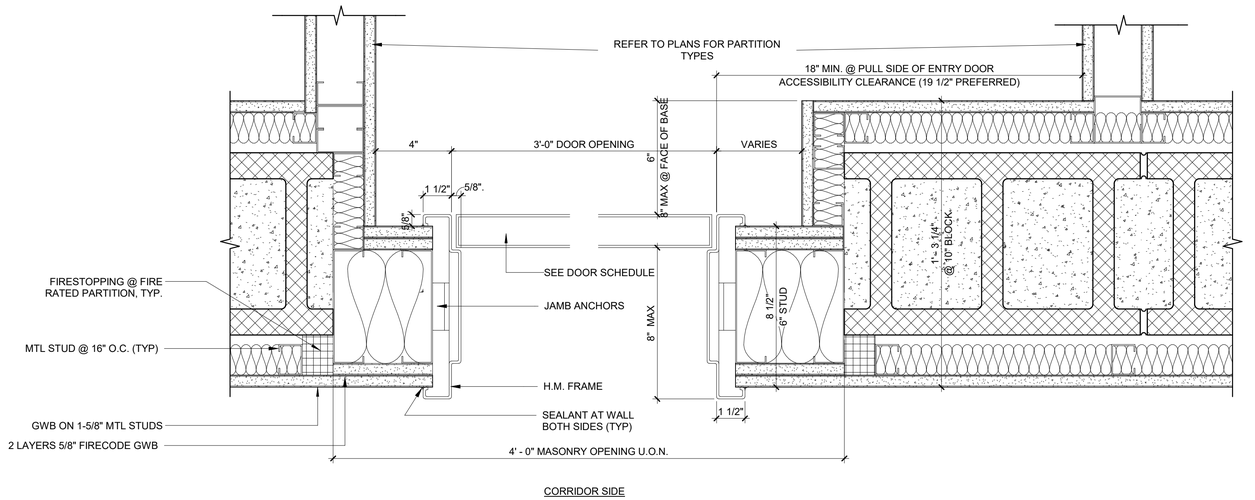
Seal

Sheet No.:

A-540.00



B2 Typical Apartment Entry Door Jamb Detail @ 8" Bearing Wall
3" = 1'-0"



C2 Typical Apartment Entry Door Jamb Detail @ 10" Bearing Wall
3" = 1'-0"

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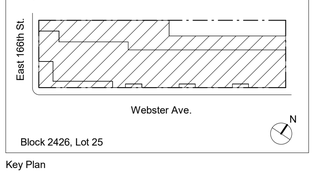
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

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Issue: Pricing Set

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Key Plan

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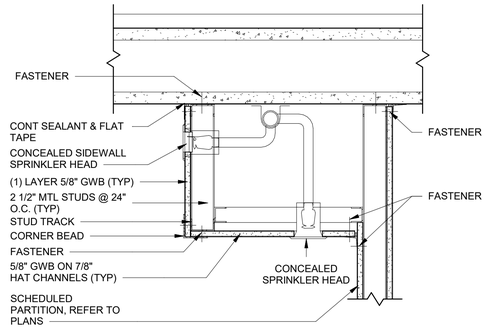
Partition Details

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Scale	3" = 1'-0"
Drawn By	Author
Checked By	Checker
Project No.	2231

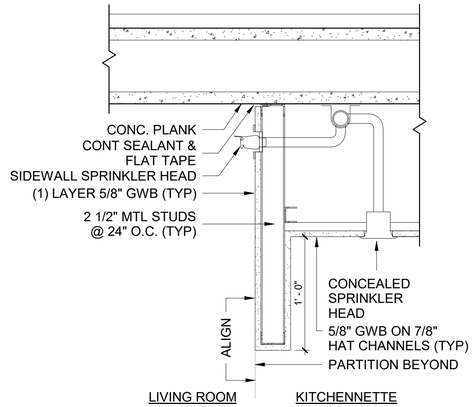
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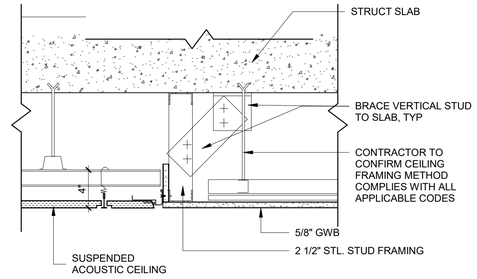
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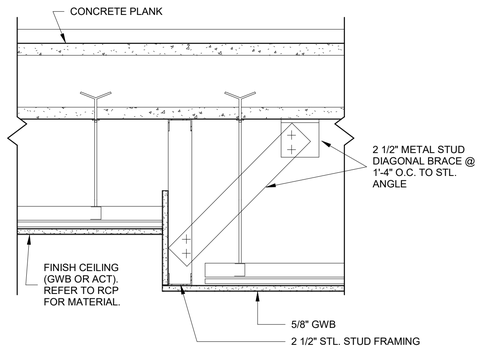
A1 C3030.110.001 - Section Detail - Typ Sprinkler Detail at Soffits
1 1/2" = 1'-0"



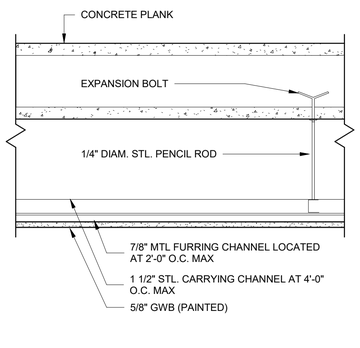
A2 C3030.110.011 - Section Detail - Non-Rated Drop Arch- Kitchen
1 1/2" = 1'-0"



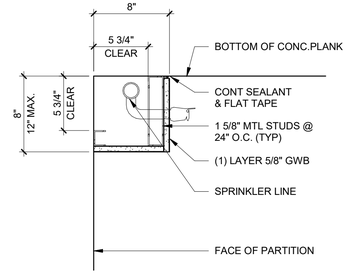
A4 C3030.210.010 - Section Detail - Typ. Transition at Acoustical Ceiling Panel
1 1/2" = 1'-0"



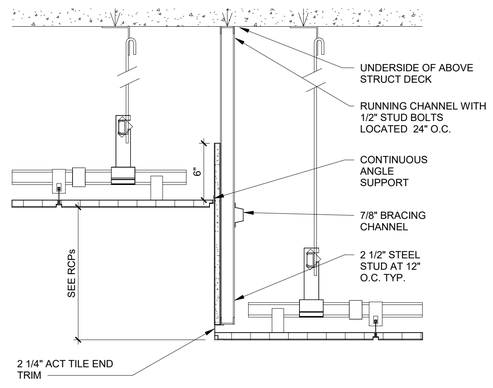
B1 C3030.220.011 - Section Detail - Ceiling - Typ. GWB Soffit
1 1/2" = 1'-0"



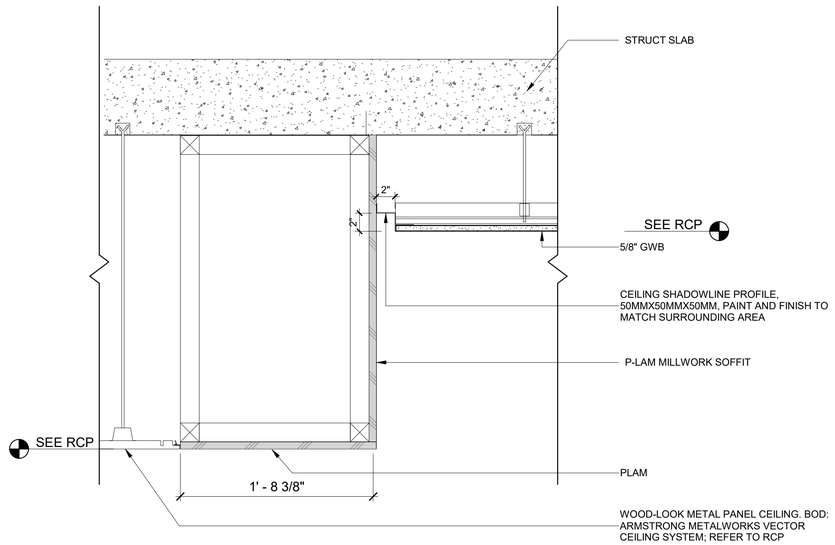
B2 C3030.220.062 - Section Detail - Typical Gyp. Bd. Suspended Ceiling
1 1/2" = 1'-0"



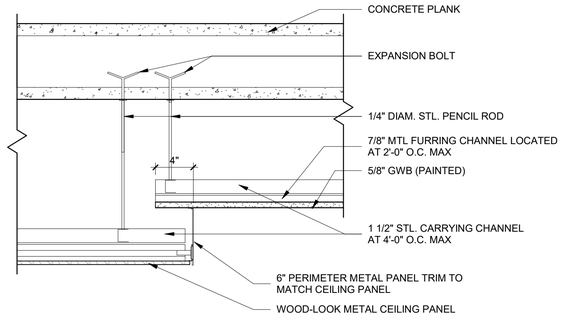
B3 C3030.220.077 - Section Detail - Typ Apt Soffit
1 1/2" = 1'-0"



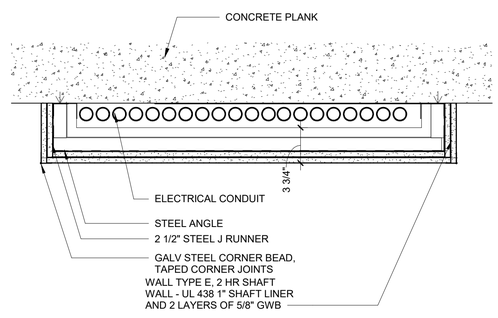
1 C3030.210.037 - Section Detail - Detail at Act / Act Height Transition
1 1/2" = 1'-0"



C1 Section Detail - Ceiling @ Mailroom
1 1/2" = 1'-0"



C2 Section Detail - Wood Look Metal Ceiling at Suspended Ceiling
1 1/2" = 1'-0"



C3 Section Detail - Typical 2-Hr Rated Conduit Enclosure @ Retail
1 1/2" = 1'-0"

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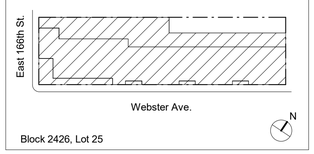
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Ceiling Details

Date	08/30/2024
Scale	1 1/2" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

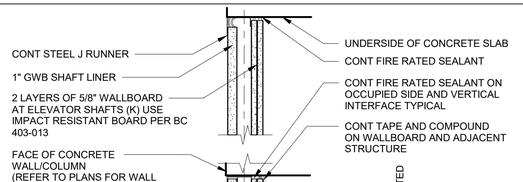
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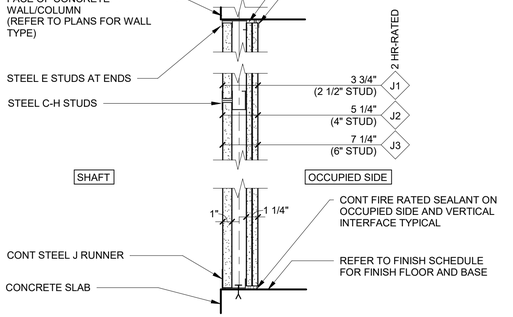
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J — SHAFTWALL - TWO HOUR RATED
UL DESIGNATION FOR FIRE RATING: U415 SYSTEM B

HEAD



PLAN



BASE

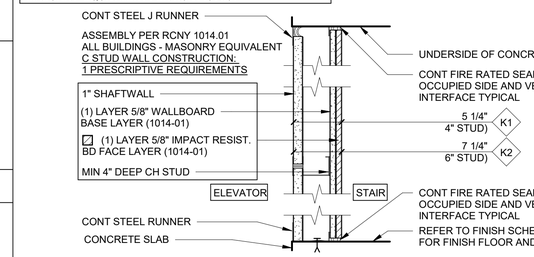
NOTES

GAUGE AND SPACING AS REQUIRED TO MEET SPAN AND DEFLECTION REQUIREMENTS

K — SHAFTWALL -TWO HOUR RATED - ELEVATOR TO STAIR
UL DESIGNATION FOR FIRE RATING: U415 SYSTEM B

HEAD

K1-K2 SHAFTWALL ELEVATOR TO STAIR
UL DESIGNATION FOR FIRE RATING: U415 SYSTEM B
MASONRY EQUIVALENT PER RCNY1014.01



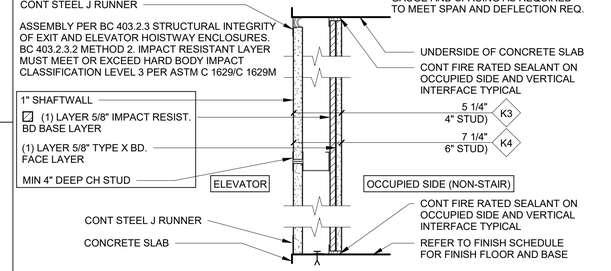
PLAN

GAUGE AND SPACING AS REQUIRED TO MEET ALL OF THE FOLLOWING:
1 RCNY 1014-01 MASONRY EQUIVALENT REQUIREMENTS : WALL ASSEMBLY MATERIALS OPTION 2
- MINIMUM 3-1/2" 20 GA MAX 24" OC
- MATERIALS FOR INTERIOR SIDE OF EXIT ENCLOSURE: TESTED & APPROVED PER ASTM C1629, HARDBODY IMPACT CLASS 3
- WALL BOARD SHALL BE ATTACHED WITH NO. 8 SELF-DRILLING BUGEL HEAD SCREWS, 12" ON CENTER MAXIMUM WITH A MINIMUM DEPTH OF 5/8 INCH PENETRATION INTO THE WALL CAVITY

BASE

K3, K4 SHAFTWALL ELEVATOR TO OCCUPIED SIDE (NON STAIR)
UL DESIGNATION FOR FIRE RATING: U415 SYSTEM B
IMPACT RESISTANT PER BC 403.1 (HIGHRISE OVER 75')

STUD DEPTHS BASED ON THE FOLLOWING:
4" STUDS MAX HEIGHT 15'-9"
6" STUDS MAX HEIGHT 19'-0"
GAUGE AND SPACING AS REQUIRED TO MEET SPAN AND DEFLECTION REQ.



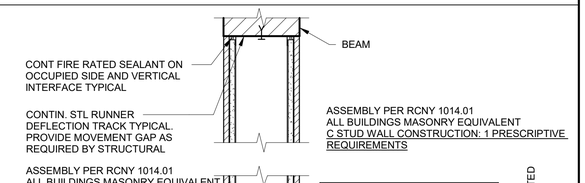
NOTES

L — PARTITION- 2 HR RATED - SCISSOR STAIR SEPARATION
UL DESIGNATION FOR FIRE RATING: U419

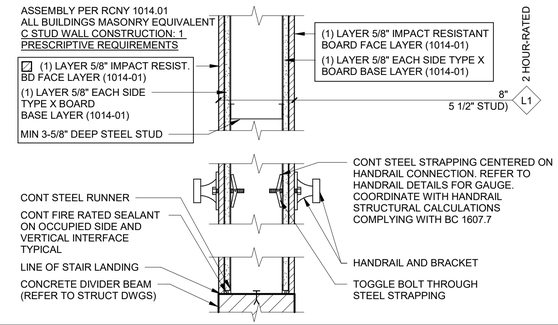
MASONRY EQUIVALENT PER RCNY 1014.01 (FOR ALL BUILDINGS)

REFER TO FULL EXCERPTS FROM THE RULES OF THE CITY OF NEW YORK

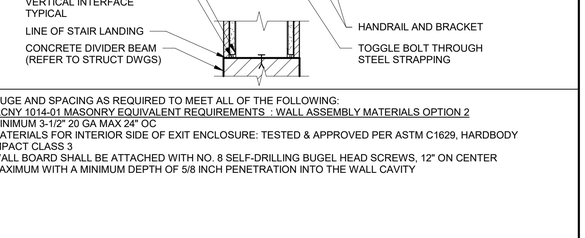
HEAD



PLAN



BASE



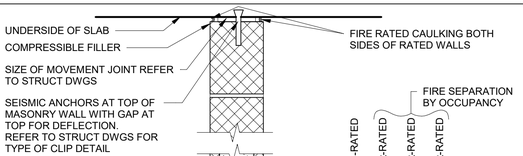
NOTES

GAUGE AND SPACING AS REQUIRED TO MEET ALL OF THE FOLLOWING:
1 RCNY 1014-01 MASONRY EQUIVALENT REQUIREMENTS : WALL ASSEMBLY MATERIALS OPTION 2
- MINIMUM 3-1/2" 20 GA MAX 24" OC
- MATERIALS FOR INTERIOR SIDE OF EXIT ENCLOSURE: TESTED & APPROVED PER ASTM C1629, HARDBODY IMPACT CLASS 3
- WALL BOARD SHALL BE ATTACHED WITH NO. 8 SELF-DRILLING BUGEL HEAD SCREWS, 12" ON CENTER MAXIMUM WITH A MINIMUM DEPTH OF 5/8 INCH PENETRATION INTO THE WALL CAVITY

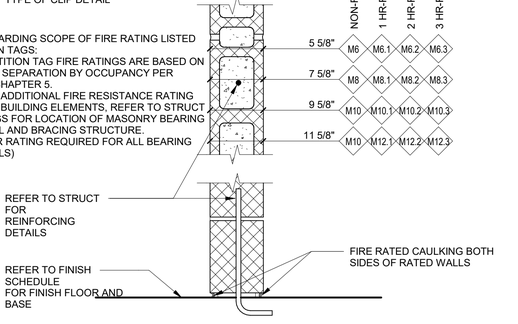
M — CONCRETE MASONRY WALL 1 TO 4 HR
UL DESIGNATION FOR FIRE DESIGNATION 904/905/906/907
REFER TO NOTES REGARDING FIRE RATINGS 46 TO 55 STC

MINIMUM 2 HOUR RATING REQUIRED FOR STAIR AND SHAFT ENCLOSURES
REFER TO EGRESS DRAWINGS FOR RATINGS REQUIRED FOR FIRE SEPARATION

HEAD



PLAN



BASE

NOTES

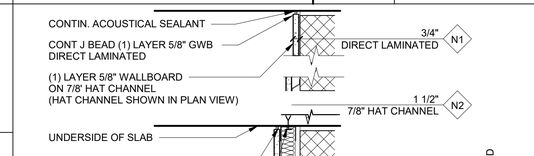
REFER TO STRUCT DWGS FOR REQUIRED SIZE AND REINFORCING FOR STRUCTURAL ELEMENTS AND SEISMIC CLIPS
REFER TO GENERAL NOTES PAGE FOR REQUIRE FIRE RESISTANCE RATING FOR STRUCTURAL ELEMENTS
REFER TO ARCHITECTURAL FIRE\EGRESS DWGS FOR REQUIRED FIRE SEPARATION RATINGS FOR CONCRETE BLOCK WALLS CONCRETE MASONRY WALL TO BE AS FOLLOWS:
- 6" NOMINAL CONCRETE BLOCK UL#906 = 2 HOUR (STC 51)
- 8" NOMINAL CONCRETE BLOCK UL#905 = 2 HOUR (STC 48)
- 8" NOMINAL CONCRETE BLOCK UL#904 = 3 HOUR (STC 55)
- 10" NOMINAL CONCRETE BLOCK UL#904 = 3 HOUR (STC 50)

NOTE: REFER TO STRUCT DWGS FOR LIMITING HEIGHT, BRACING AND REINFORCING REQUIREMENTS, LINTEL SCHEDULE AND ATTACHMENT TO STRUCTURE.

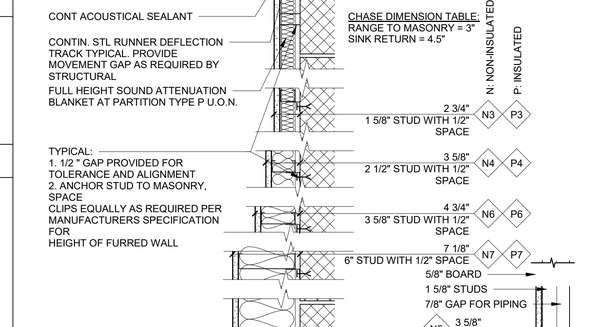
N — WALL FURRING - NON RATED
NO ACOUSTIC BATT

P — WALL FURRING - NON RATED
WITH ACOUSTIC BATT

HEAD



PLAN

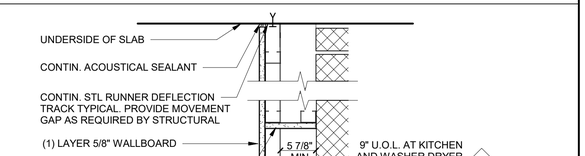


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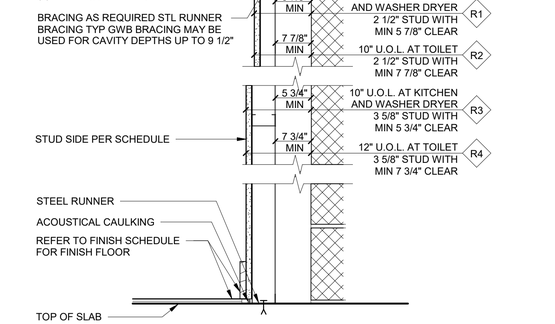
NOTES

R — FREE STANDING WALL FURRING
PIPE CHASE WALL

HEAD



PLAN



BASE

NOTES

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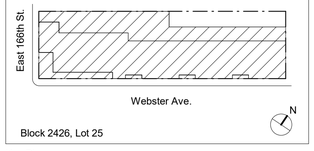
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Partition Types

Date	08/30/2024
Scale	1 1/2" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

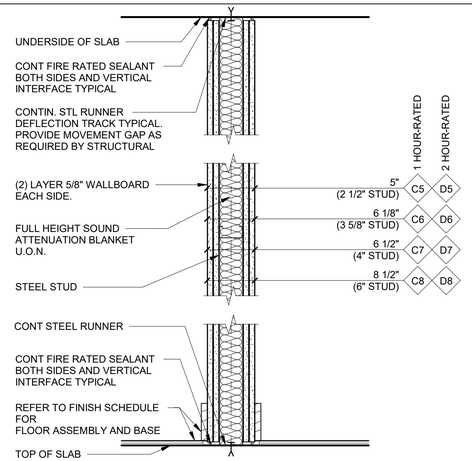
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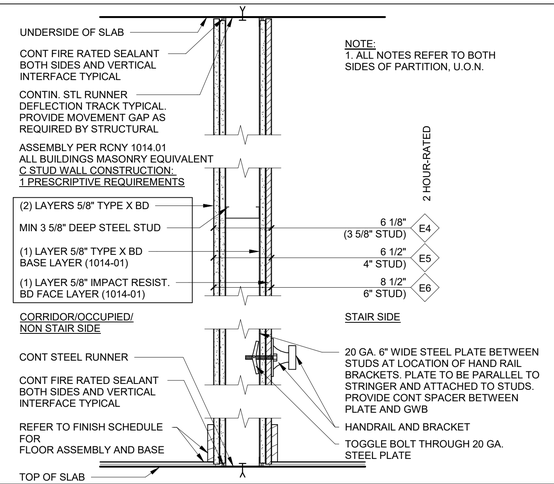
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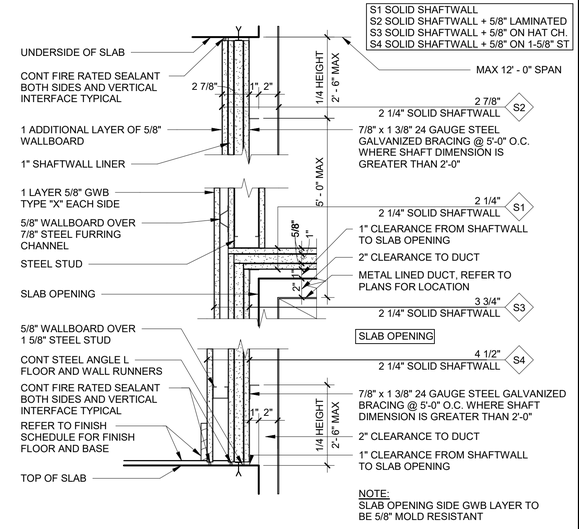
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Plotted: 8/30/2024 5:26:16 PM

C	APARTMENT TO APARTMENT OR CORRIDOR DEMISING PARTITION - 1 HOUR RATED UL DESIGNATION FOR FIRE RATING: U419 STC 52 WITH 1 1/2" MINERAL WOOL BATT TEST #: SA-860932	
D	PARTITION- 2 HOUR RATED UL DESIGNATION FOR FIRE RATING: U419 STC 52 WITH 1 1/2" MINERAL WOOL BATT TEST #: SA-860932	
HEAD / PLAN / BASE		
NOTES	ALL NOTES REFER TO BOTH SIDES OF PARTITION, U.O.N. GAUGE AND SPACING AS REQUIRED TO MEET SPAN AND DEFLECTION REQUIREMENTS MINIMUM STC 50 REQUIREMENT FOR APARTMENT DEMISING WALLS PER BC 1207.2 SOUND TRANSMISSION : AIR-BORNE SOUND	

E	PARTITION-2 HR RATED - STAIR TO CORRIDOR\OCCUPIED SIDE UL DESIGNATION FOR FIRE RATING: U419 MASONRY EQUIVALENT PER RCNY1014.01 REFER TO FULL EXCERPTS FROM THE NEW YORK CITY BUILDING CODE AT BOTTOM OF PAGE	
HEAD / PLAN / BASE		
NOTES	GAUGE AND SPACING AS REQUIRED TO MEET ALL OF THE FOLLOWING: 1 RCNY 1014-01 MASONRY EQUIVALENT REQUIREMENTS : WALL ASSEMBLY MATERIALS OPTION 2 - MINIMUM 3 1/2" 20 GA MAX 24" OC - MATERIALS FOR INTERIOR SIDE OF EXIT ENCLOSURE: TESTED & APPROVED PER ASTM C1629, HARDBODY IMPACT CLASS 3 - WALL ASSEMBLY MIN 2 HR TESTED AND APPROVED PER ASTM C 1629 SOFT BODY IMPACT CLASS 2. GAUGE AND SPACING AS REQUIRED TO MEET SPAN AND DEFLECTION REQUIREMENTS	

S	SOLID SHAFT WALL - VENT ENCLOSURE- TWO HOUR RATED UL DESIGNATION FOR FIRE RATING: U529 STC 34 PER ASTM E90	
HEAD / PLAN / BASE		
NOTES	GAUGE AND SPACING AS REQUIRED TO MEET SPAN AND DEFLECTION REQUIREMENTS MAXIMUM VERTICAL SPAN 12' - 0"	

PARTITION NOTES:

1. MIN STUD SPACING 16" O.C. MINIMUM GAUGE 25. CONTRACTOR TO VERIFY ALL STUD SPACING, SIZE AND GAUGES COMPLY WITH ALL NYC DOB CODE REGULATIONS AND MANUFACTURES MINIMUM REQUIREMENTS.
2. DEFLECTION TRACK TO BE USED AT ALL HEAD OF WALL CONDITIONS
3. PER NYC FUEL AND GAS CODE, NO GAS PIPING ALLOWED WITHIN THE ASSEMBLY OF RATED PARTITIONS. FOLLOW PARTITION PLAN DETAIL AT GAS RISER
4. AT UPPER AND LOWER KITCHEN CABINETS AND AT FUTURE GRAB BAR LOCATIONS AT BATHROOMS, PROVIDE WALL REINFORCEMENT\STRAPPING GAUGE AND LOCATION PER KITCHEN AND BATHROOM DRAWINGS.
5. AT HANDRAILS SUPPORTED ON STUD PARTITION WALLS, PROVIDE WALL REINFORCEMENT\STRAPPING GAUGE AND LOCATION PER STAIR DETAILS AND COORDINATE WITH RAILING LOAD CALCULATIONS.
6. PROVIDE ADDITIONAL LAYER OR LAYERS OF GYPSUM BOARD AS REQUIRED FOR PARTITIONS WHERE ADJACENT LAYERS NEED TO BE ALIGNED OR FLUSH.
7. PROVIDE SOUND ATTENUATION WRAP AROUND HORIZONTAL DUCT RUNNING ACROSS AN APARTMENT ONLY. 10'-0" MINIMUM HORIZONTAL LENGTH FROM ROOF FAN. COORDINATE WITH HVAC (REFER TO MISCELLANEOUS DETAILS AT HORIZONTAL OFFSET DUCT).
8. ELECTRICAL AND SERVICE OUTLETS FOR ADJACENT ROOMS ARE TO BE POSITIONED IN SEPARATE STUD CAVITIES, EXCEPT WHERE NOT FEASIBLE IN BATHROOMS AND KITCHENS..
9. NO GYPSUM BOARD LAYERS ARE TO BE CONTINUOUS BETWEEN TWO ADJACENT ROOMS.
10. DEMISING PARTITIONS TO CLOSE THROUGH PERIMETER FASCIA TO THE BASE BUILDING CONSTRUCTION, SUCH AS COLUMN ENCLOSURES, FIRE RATED CONSTRUCTION, ETC.
11. PROVIDE CONTINUOUS ACOUSTICAL (NON-HARDENING) CAULKING BEADS ON EACH SIDE OF THE TOP AND BOTTOM STUD RUNNER AT THE 3-WAY INTERSECTION BETWEEN THE RUNNER, FLOOR, AND GYPSUM BOARD.
12. PROVIDE ACOUSTICAL (NON-HARDENING) CAULKING TO CLOSE GAPS BETWEEN ALL RECEPTACLE OUTLETS (ELECTRICAL, TELEPHONE, DATA, ETC.) AND GYPSUM BOARD.
13. MULTIPLE LAYERS OF GYPSUM BOARD ARE TO BE APPLIED WITH JOINTS STAGGERED AT LEAST 16" RELATIVE TO ONE ANOTHER.
14. WALL PENETRATIONS WIDER THAN 24" TO BE FRAMED OUT BY STEEL STUDS, OTHERWISE TO BE BETWEEN FULL HEIGHT STUDS. THE FRAMING SHALL MAINTAIN LESS THAN A 2" GAP AROUND DUCTWORK OR OTHER SERVICE PENETRATING THE WALL.
15. PENETRATIONS THROUGH SOUND CRITICAL PARTITIONS (DUCTS, PIPES, CONDUITS, ETC.) ARE TO BE HANDLED AS FOLLOWS:
    A. GAPS GREATER THAN 2" REQUIRE GYPSUM BOARD PATCHING FROM BOTH SIDES, CAREFULLY CUT OUT AROUND PENETRATING ELEMENTS. BATT INSULATION SHALL BE AROUND PENETRATING ELEMENTS WITHIN THE AREA OF THE PENETRATION.
    B. 2" GAPS OR LESS FILLED FROM EACH SIDE WITH HEAVY DENSITY PUTTY WHICH MEETS THE REQUIRED FIRE RATINGS.
    C. CABLE TRAYS TO BE PACKED TIGHTLY WITH HEAVY DENSITY PUTTY AS ABOVE. ONCE CABLES ARE PULLED.
16. ALL DEMISING PARTITIONS ARE TO BE BUILT FULL-HEIGHT FROM THE FLOOR SLAB TO THE CEILING SLAB ABOVE, U.O.N.

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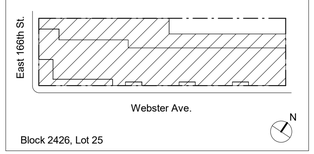
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Partition Types

Date	08/30/2024
Scale	1 1/2" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

A-601.00

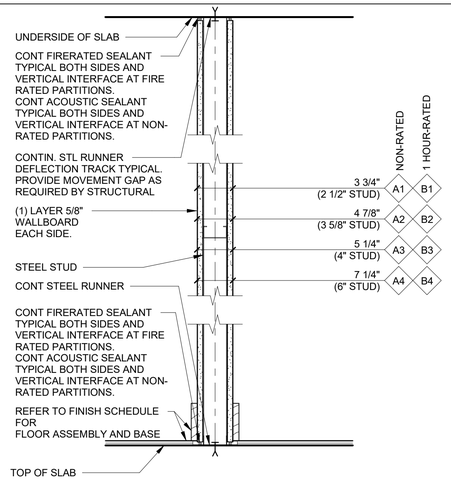
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Plotted: 8/30/2024 5:28:20 PM

A — PARTITION: NON RATED

B — PARTITION: ONE HOUR RATED
UL DESIGNATION FOR FIRE RATING: U419

HEAD



PLAN

BASE

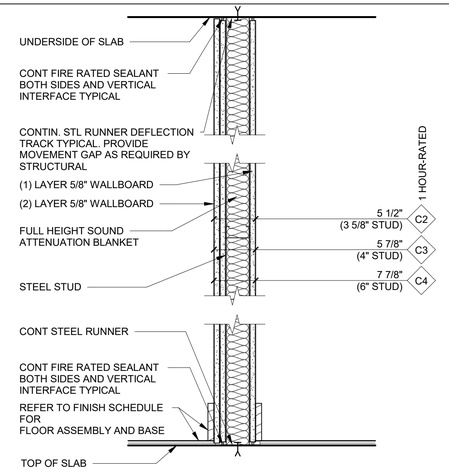
NOTES

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GAUGE AND SPACING AS REQUIRED TO MEET SPAN AND DEFLECTION REQUIREMENTS

C — APARTMENT TO APARTMENT OR CORRIDOR DEMISING PARTITION - 1 HOUR RATED
UL DESIGNATION FOR FIRE RATING: U453
STC 50 WITH 1 1/2" MINERAL WOOL BATT TEST #: SA-800504

HEAD



PLAN

BASE

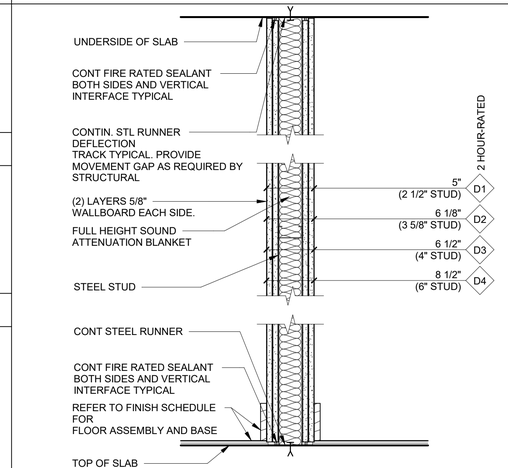
NOTES

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MINIMUM STC 50 REQUIREMENT FOR APARTMENT DEMISING WALLS PER BC 1207.2 SOUND TRANSMISSION : AIR-BORNE SOUND

D — PARTITION- 2 HOUR RATED
UL DESIGNATION FOR FIRE RATING: U419
STC 52 WITH 1 1/2" MINERAL WOOL BATT INSUL TEST #: SA-860932

HEAD



PLAN

BASE

NOTES

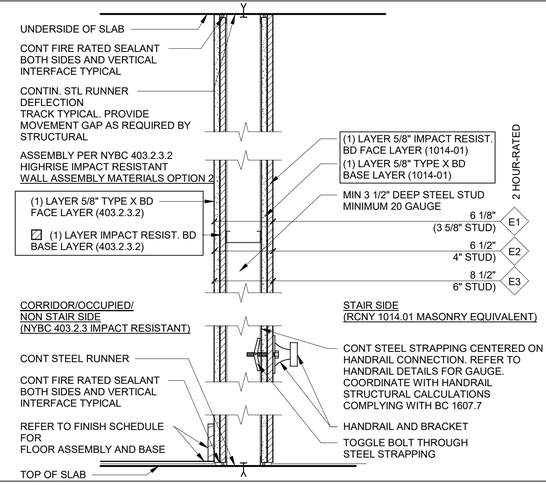
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MINIMUM STC 50 REQUIREMENT FOR APARTMENT DEMISING WALLS PER BC 1207.2 SOUND TRANSMISSION : AIR-BORNE SOUND

E — PARTITION- 2 HR RATED - STAIR ENCLOSURE
UL DESIGNATION FOR FIRE RATING: U419

MASONRY EQUIVALENT PER RCNY 1014.01
IMPACT RESISTANT PER BC 403.2.3.2 (HIGHRISE OVER 75')

HEAD



PLAN

BASE

NOTES

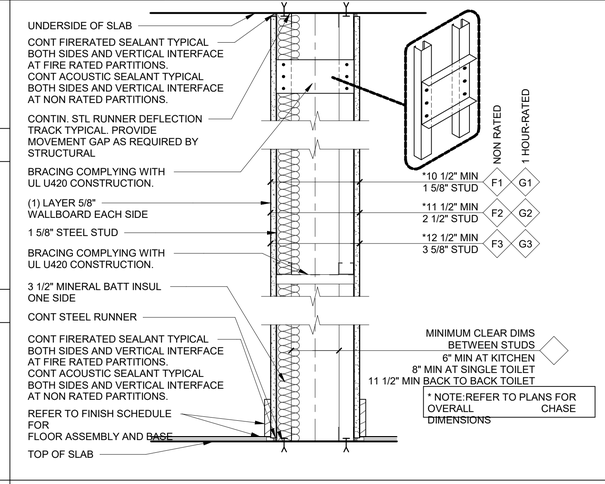
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- WALL ASSEMBLY MIN 2 HR TESTED AND APPROVED PER ASTM C1629 SOFT BODY IMPACT CLASS 2.
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BC 403.2.3 STRUCTURAL INTEGRITY OF EXIT AND ELEVATOR HOISTWAY ENCLOSURES.
ASSEMBLY TO FOLLOW BC 403.2.3.2 METHOD 2. IMPACT RESISTANT LAYER MUST MEET OR EXCEED HARD BODY IMPACT CLASSIFICATION LEVEL 3 PER ASTM C 1629/C 1629M

F — PLUMBING CHASE WALL - NON RATED
3 1/2" MINERAL BATT INSUL ONE SIDE

G — PLUMBING CHASE WALL - ONE HOUR RATED
UL DESIGNATION FOR FIRE RATING: U420
STC 52 WITH 3 1/2" MINERAL WOOL BATT INSUL ONE SIDE
TEST #: RAL-TL-76-155

HEAD



PLAN

BASE

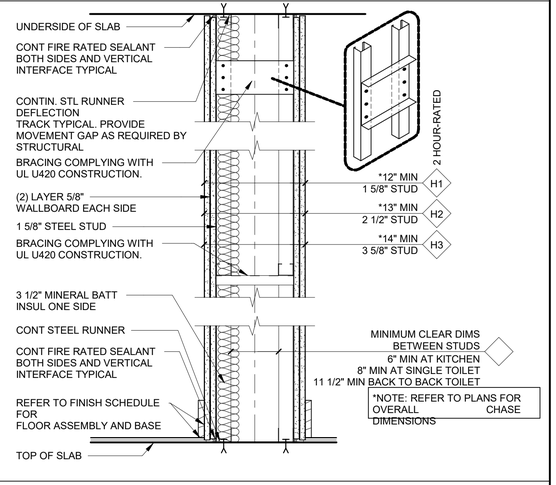
NOTES

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MINIMUM STC 50 REQUIREMENT FOR APARTMENT DEMISING WALLS PER BC 1207.2 SOUND TRANSMISSION : AIR-BORNE SOUND

H — PLUMBING CHASE WALL - TWO HOUR RATED
UL DESIGNATION FOR FIRE RATING: U420
STC 52 WITH 3 1/2" MINERAL WOOL BATT INSUL ONE SIDE
TEST #: RAL-TL-76-162

HEAD



PLAN

BASE

NOTES

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MINIMUM STC 50 REQUIREMENT FOR APARTMENT DEMISING WALLS PER BC 1207.2 SOUND TRANSMISSION : AIR-BORNE SOUND

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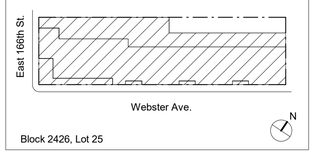
P4	Pricing Set	24-0830
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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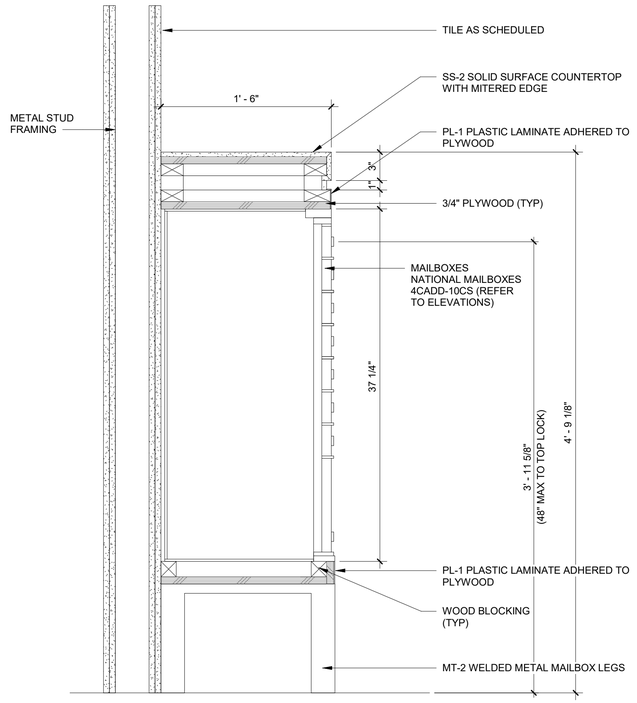
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Checked By	DA
Project No.	2231

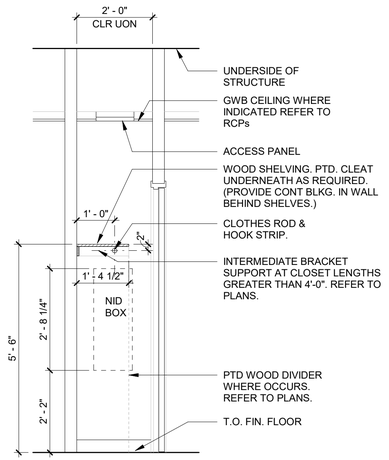
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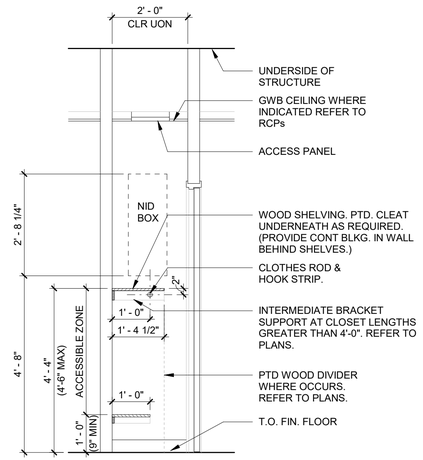
A-602.00



3 Section Detail - Mailbox @ Wall
1 1/2" = 1'-0"



Section at Typical Clothes Closet (CC)

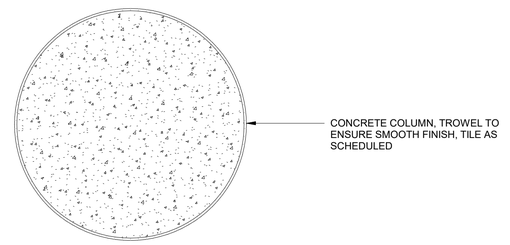


Section at UFAS Clothes Closet (CC)

NOTE:

NID BOX IS NOT REQUIRED TO BE ACCESSIBLE

1 NID Box Coordinatin
1/2" = 1'-0"



2 Lobby Column Detail
1 1/2" = 1'-0"

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P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Interior Details

Date	08/30/2024
Scale	As indicated
Drawn By	DA
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Project No.	2231

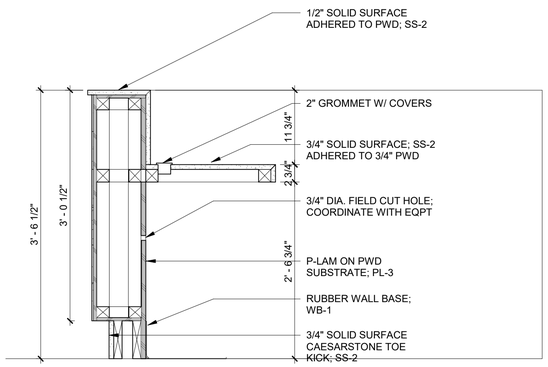
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Sheet No.:

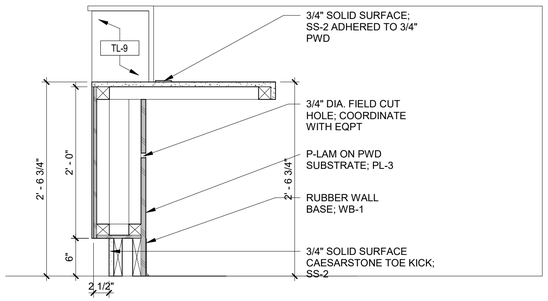
A-603.00

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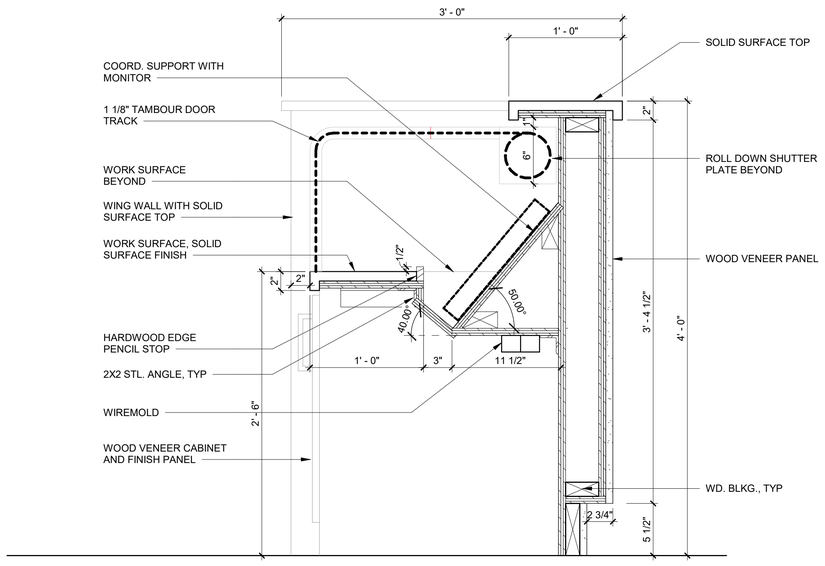
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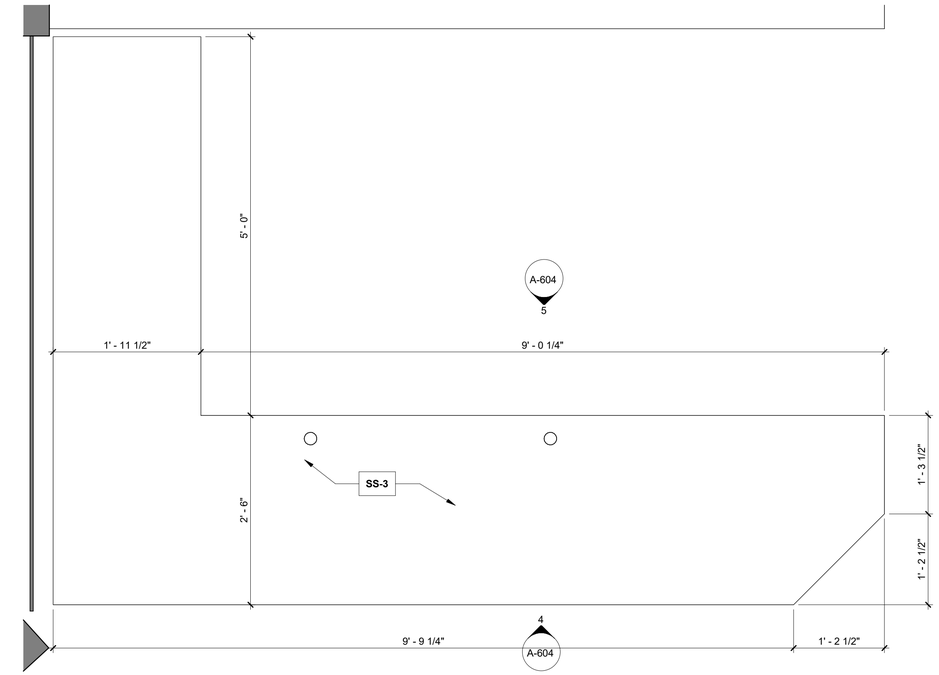
2 Section Detail - Reception Desk
1" = 1'-0"



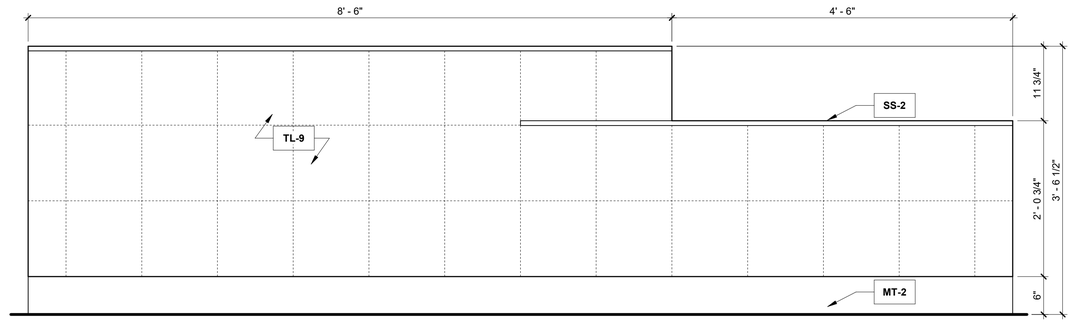
3 Section Detail - Reception Desk @ ADA Transaction Counter
1" = 1'-0"



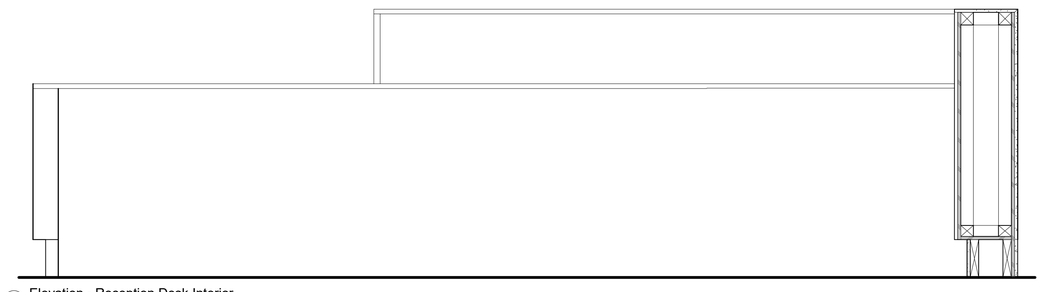
6 Section Detail - Reception Desk at Tambour Door
1 1/2" = 1'-0"



1 Enlarged Plan - Reception Desk
1" = 1'-0"



4 Elevation - Reception Desk
1" = 1'-0"



5 Elevation - Reception Desk Interior
1" = 1'-0"

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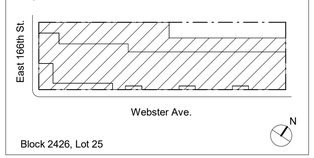
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Reception Desk Details

Date	08/30/2024
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3 Playroom Niche Elevation Detail
1" = 1'-0"

4 C1030.910.001 - Section - Playroom Niche
1" = 1'-0"

5 Playroom Desk Elevation Detail
1" = 1'-0"

2 C1030.910.001 - Section - Playroom Desk
1" = 1'-0"

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P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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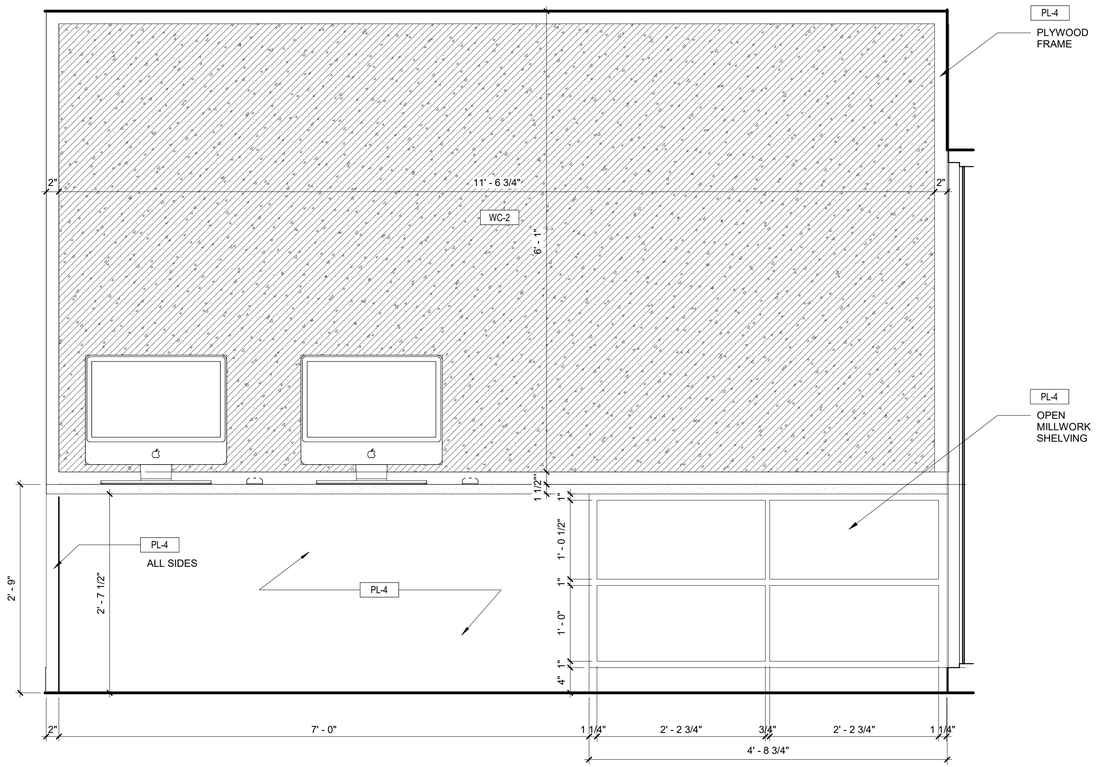
Millwork Details 1

Date	08/30/2024
Scale	1" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

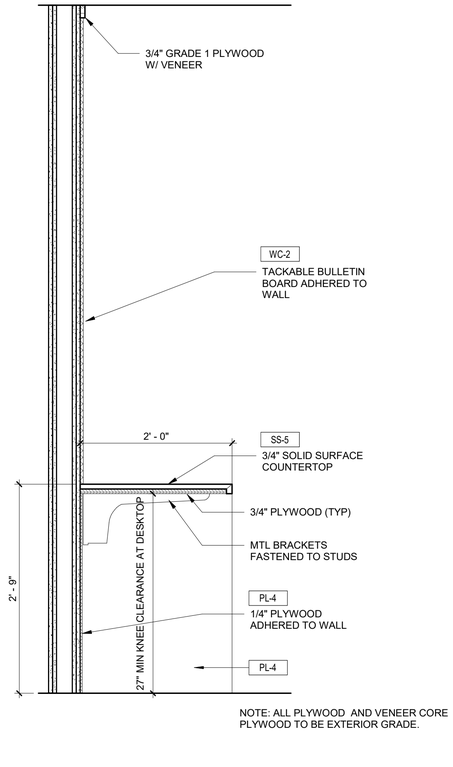
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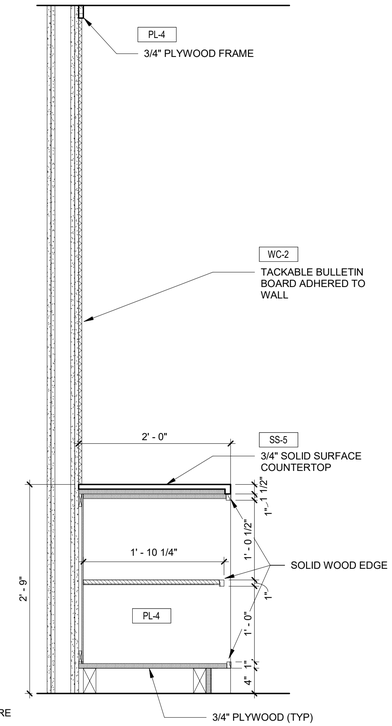
A-605.00



1 Supportive Services Computer Casework Detail
1" = 1'-0"



2 Section - Social Services Desk thru Workstation
1" = 1'-0"



3 Section - Social Services Desk thru Open Shelf
1" = 1'-0"

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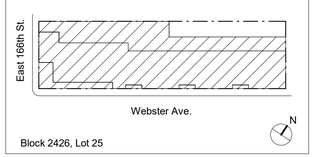
P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Millwork Details 2

Date	08/30/2024
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Project No.	2231

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Door Schedule - Repeating

Type Mark	Type	Door					Fire Rating	Frame		Details			Function	Hardware Set	Keynote	Comments
		Elevation	Finish	Width	Height	Thickness		Elevation	Material	Head	Jamb	Sill				
A1	Apartment Entry - GWB	A	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H1	J1		Interior		1, 2, 3, E1	
B	Bedroom/Bathroom	B		3' - 0"	7' - 0"	1 3/4"	NR	1		H1	J1		Interior		6	
C1.5	Closet - 1'-6" Swing (Single)	B		1' - 6"	7' - 0"	1 3/4"	NR	1		H1	J1		Interior		6	
C2	Closet - 2' Swing (Single)	B		2' - 0"	7' - 0"	1 3/4"	NR	1		H1	J1		Interior		6	
C2.5	Closet - 2'-6" Swing (Single)	B		2' - 6"	7' - 0"	1 3/4"	NR	1		H1	J1		Interior		6	
C3	Closet - 3' Swing (Single)	B		3' - 0"	7' - 0"	1 3/4"	NR	1		H1	J1		Interior		6	
C4	Closet - 4' Swing Door (Pair)	C		4' - 0"	7' - 0"	1 3/4"	NR	1		H1	J1		Interior		6	
C5	Closet - 5' Swing Door (Pair)	C		5' - 0"	7' - 0"	1 3/4"	NR	1		H1	J1		Interior		6	
E1	Electrical Closet (Single)	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H3	J3		Interior			
E2	Telecom Closet (Single)	B	HM	4' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H3	J3		Interior			
R1	Refuse Room	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H3	J3		Interior		E1	
R2	Roof Mechanical 45	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H3	J3		Interior		E1	
S1	Stair Entry - CMU (Single)	J1	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H3	J3		Interior		4	
S2	Stair Entry - GWB (Single)	J1	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H1	J1		Interior		4	
T2	Toilet - Mult-User	B	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM				Interior			
S3	Roof Bulkhead Stair (CMU)	B	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM				Exterior		E1	
S12	Exit (Exterior) (Pair) 5'	C	HM	5' - 0"	7' - 0"	1 3/4"	NR	1	HM				Exterior			
X1	Exit (Exterior) (Single)	B	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM	H6	J6		Exterior			

Door Schedule - Itemized

Mark	Type	Door					Fire Rating (Instance)	Frame		Details			Function	Hardware Set	Door Keynotes	Comments
		Elevation	Finish	Width	Height	Thickness		Elevation	Material	Head	Jamb	Sill				
Cellar																
001	HM Flush (Single) (Interior) - CMU	B		3' - 0"	7' - 0"	1 3/4"		1		H2	J2		Interior			
004	HM Flush (Single) (Interior) - CMU	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H2	J2		Interior		E1	
005	HM Flush (Single) (Interior) - CMU	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H2	J2		Interior		E1	
006	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H1	J1		Interior		E1	
007	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H1	J1		Interior		E1	
008	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			
009	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H1	J1		Interior		E1	
Level 1																
102.A	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			
104.A	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H1	J1		Interior			
104.B	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			
105.A	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			
105.B	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			
106	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			
107.A	HM Flush (Single) (Interior) 3'-4" - CMU	B		3' - 4"	7' - 0"	1 3/4"		1		H2	H2		Interior			
107.B	HM Flush (Single) (Interior) - CMU	B		3' - 0"	7' - 0"	1 3/4"		1		H2	J2		Interior			
107.C	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H1	J1		Interior		E1	
107.D	HM Flush (Single) (Interior) 3'-4" - CMU	B	HM	3' - 4"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H2	H2		Interior		E1	
1384	_Generic - 36" Single with 12" Sidelite	B		3' - 0"	7' - 0"	1 3/4"		3					Interior			CF
1385	_Generic - 36" Single with 12" Sidelite	B		3' - 0"	7' - 0"	1 3/4"		3					Interior			CF
1388	_Generic - 36" Single with 12" Sidelite	B		3' - 0"	7' - 0"	1 3/4"		3					Interior			CF
1397	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			CF
1427	_Generic - 36" Single with 12" Sidelite	B		3' - 0"	7' - 0"	1 3/4"		3					Interior			CF
2533	_Generic - 36" Single with 12" Sidelite	B		3' - 0"	7' - 0"	1 3/4"		3					Interior			CF
RB4	HM Flush (Double) (Interior) - CMU	C	HM	6' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H2	J2		Interior			
RB5	HM Flush (Single) (Interior) - CMU	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H2	J2		Interior			
RB6	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H1	J1		Interior			
SA1.B	HM Flush Vision Lite (Single) (Interior) - GWB	J1	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
SB1	Stair Entry - GWB (Single) - NO Re-Entry	J1	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H1	J1		Interior			
SC1	Stair Entry - CMU (Single) - NO Re-Entry	J1	HM	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	HM	H2	J2		Interior			
ST6.A	Storefront - Entrance (Pair) (Exterior)	Q2		6' - 0"	9' - 7"	2"		1					Exterior			
ST8.A	Storefront - Entrance (Pair) (Exterior)	Q2		6' - 0 1/2"	9' - 9 1/2"	2"		1					Exterior			
ST10.A	Storefront - Entrance (Single) (Exterior)	Q1		3' - 0"	8' - 2 1/2"	4"		1					Exterior			
ST10.B	Storefront - Entrance (Pair) (Exterior)	Q2		6' - 0"	8' - 2 1/2"	2"		1					Exterior		E1	
ST11.A	Storefront - Entrance (Single) (Exterior)	Q1		3' - 0"	8' - 2 1/2"	4"		1					Exterior			
ST12.A	Storefront - Entrance (Pair) (Exterior)	Q2	ALUM	5' - 10"	8' - 2 1/2"	2"		1	ALUM				Exterior			
ST15	Storefront - Entrance (Pair) (Exterior)	Q2		7' - 3"	8' - 11 3/4"	2"		1					Exterior		E1	
ST17.A	Storefront - Entrance (Pair) (Exterior)	Q2		6' - 4"	8' - 11 3/4"	2"		1					Exterior		E1	
ST17.B	Storefront - Entrance (Pair) (Exterior)	Q2		6' - 4"	8' - 11 3/4"	2"		1					Exterior			
ST21.A	Storefront - Entrance (Pair) (Exterior)	Q2		6' - 4"	8' - 11 3/4"	2"		1					Exterior			
ST21.B	Storefront - Entrance (Pair) (Exterior)	Q2		6' - 4"	8' - 11 3/4"	2"		1					Exterior			
ST24.A	Storefront - Entrance (Pair) (Exterior)	Q2		6' - 4"	8' - 11 3/4"	2"		1					Exterior			
ST24.B	Storefront - Entrance (Pair) (Exterior)	Q2		6' - 4"	8' - 11 3/4"	2"		1					Exterior			
Retail																
102.B	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			
102.C	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			
RB1	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
RB2	HM Flush (Single) (Interior) - GWB	B		3' - 0"	7' - 0"	1 3/4"		1		H1	J1		Interior			
RB3	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
Level 2																
201	_Generic-Full Glass Center Rail	P1	STL	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	STL	H1	J1		Interior			
201.A	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
202	_Generic-Full Glass Center Rail	P1	STL	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	STL	H1	J1		Interior			
203.A	HM Flush (Single) (Interior) - 3'-4" - GWB	B	HM	3' - 4"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
203.B	_Generic - 40" Single with 12" Sidelite	B	HM	3' - 4"	7' - 0"	1 3/4"	NR	3	HM	H1	J1		Interior			
203.C	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
203.D	_Generic - 40" Single with 12" Sidelite	B	HM	3' - 4"	7' - 0"	1 3/4"	NR	3	HM	H1	J1		Interior			
203.E	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
203.G	HM Flush (Single) (Interior) - 3'-4" - GWB	B	HM	3' - 4"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
203.H	HM Flush (Single) (Interior) - 3'-4" - GWB	B	HM	3' - 4"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
204	_Generic-Full Glass Center Rail	P1	STL	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	STL	H1	J1		Interior			
205	_Generic-Full Glass Center Rail	P1	STL	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	STL	H1	J1		Interior			
205.A	HM Flush (Single) (Interior) - GWB	B	HM	3' - 0"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
205.B	Closet - 6' Swing Door (Pair) - Itemized	C	HM	6' - 0"	7' - 0"	1 3/4"	NR	1	HM	H1	J1		Interior			
206	_Generic-Full Glass Center Rail	P1	STL	3' - 0"	7' - 0"	1 3/4"	B (90 Min)	1	STL	H1	J1		Interior			
ST25.A	_Generic - Single - Framed Glass Center Rail	Q3	ALUM	3' - 0"	7' - 7"	2"		1	ALUM				Exterior		E1	
ST26.A	_Generic - Single - Framed Glass Center Rail	Q3		3' - 0 1/2"	7' - 8"	2"		1					Exterior			
ST27.A	Storefront - Entrance (Single) (Exterior)	Q1	ALUM	3' - 0"	6' - 11 1/2"	4"		1	ALUM				Exterior		E1	
ST28.A	Storefront - Entrance (Single) (Exterior)	Q1	ALUM	3' - 1 1/2"	7' - 0 5/8"	4"		1	ALUM				Exterior		E1	

Door Schedule - General Notes

A	All doors shall comply with NYC BC (2014) section 1008
B	See written Door Specifications sections for door requirements
C	See written Door Hardware Specification sections for door hardware requirements
D	See construction plans for notes regarding door opening placement and door clearances
E	Refer to Finish Schedule and Legend for all finish materials
F	Electric Strikes & Magnetic Locks indicated in hardware sets; coordinate with Electrical drawings
G	Doors opening onto corridors shall comply with UL 1784 and NFPA 105 for smoke and draft control
H	All fire-rated doors shall be self-closing
I	The air leakage of door assemblies that are part of the building envelope shall comply with section C402.5.2 of NYCECC 2020.
J	Exterior doors shall meet or exceed required U-values per NYCECC 2020 Section C402
K	All building entrance doors shall be furnished with vestibules to comply with NYCECC 2020 C402.4.7
L	All Exterior doors to have hard-fastened weather stripping
M	All Glazed doors to be bird friendly up to 75 feet in accordance with sections BC 1403.8.1 through BC 1403.8.4 and L.L. 2020/15.
N	Where ground floor transparency is required by the New York City Zoning Resolution, transparent bird friendly material with a UV-reflective pattern and a maximum threat factor of 27 shall be provided.
O	Doors in series shall comply with ICC/ANSI 117.1-2003 section 404.2.5.
P	Saddles: verify finished floor heights in field; all saddles along accessible routes shall comply with NYC BC and accessibility requirements
Q	Knurled door handles to be provided as per code
R	Refer to Storefront details for head, jamb, sill conditions at storefront doors

Door Schedule - Door Keynotes

1	Apartment entry lockset shall be double-locking, heavy duty entrance with deadbolt activated by key or inside turn unit and latch bolt activated by key or turn button on inside of unit. Operating inside lever retracts deadbolt and latch bolt for immediate exit. Hardware accessories include chain door guard, engraved apt. Identifier, door chime, and one-way viewing device as per BC 1008.4.2. In compliance with BC 1008.4.4, all dwelling units shall have an intercommunication device adjacent to the entry door, providing communication and door release of the building entry door. See full hardware specs
2	Apartment entry door shall be STC 30 rated (per NYC BC 1207.2)
3	Apartment entry doors shall use spring-hinge type closers
4	Stair doors shall be unlocked at all levels, on interior & exterior sides (exception: exits to building exterior shall be locked on exterior side, unless providing required egress from an occupied roof area)
5	Door to have local alarm; tie into security panel where indicated on electrical drawings; alarm shall have key over-ride
6	Apartment unit interior doors to be solid core wood with HM knock down frame

Door Schedule - Energy Notes

E1	PROVIDE WEATHERSTRIPPING AND/OR AIR SEALING TO MEET ENERGY CODE REQUIREMENTS ON CELLAR DOORS, MECHANICAL ROOM DOORS, EXTERIOR DOORS, DOORS BETWEEN APARTMENTS AND CORRIDORS, REFUSE ROOM DOORS, DOORS SEPARATING UNCONDITIONED OR VENTED SPACES. WEATHERSTRIPPING SHALL BE INSTALLED WITH A RIGID FASTENERS AND REPLACEABLE FOAM GASKETS FOR DURABILITY AND REDUCED MAINTENANCE. WEATHERSTRIPPING SHALL BE INSTALLED TO NOT INTERFERE WITH DOORS CLOSING PROPERLY.
E2	EXTERIOR OPAQUE SWINGING DOORS SHOULD MEET THE FOLLOWING PERFORMANCE REQUIREMENTS: U-FACTOR=0.37, AIR LEAKAGE=0.20, CFM/FT2
E3	EXTERIOR GLAZED SWINGING DOORS (>50% GLAZING) SHOULD MEET THE FOLLOWING PERFORMANCE REQUIREMENTS: U-FACTOR=0.68, SHGC=0.36, VT=0.70, AIR LEAKAGE=1.00 CFM/FT2
E4	EXTERIOR METAL DOOR FRAMES AND SADDLES TO BE THERMALLY BROKEN.

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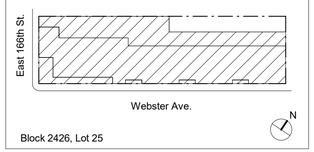
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P3	50% Construction Documents	23-1201

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Door Schedule

Date	08/30/2024
Scale	
Drawn By	Author
Checked By	Checker
Project No.	2231

Seal

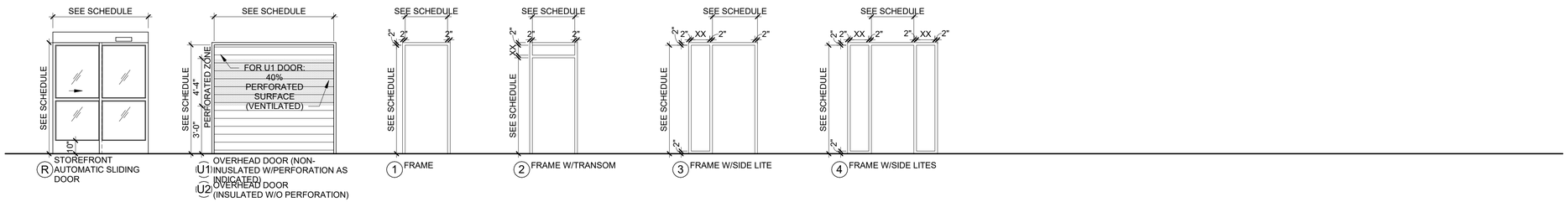
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P4	Pricing Set	24-0830
P3	50% Construction Documents	23-1201
P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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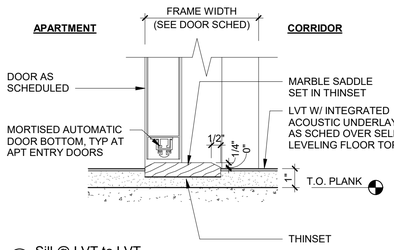
Door Types & Elevations

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Drawn By	Author
Checked By	Checker
Project No.	2231

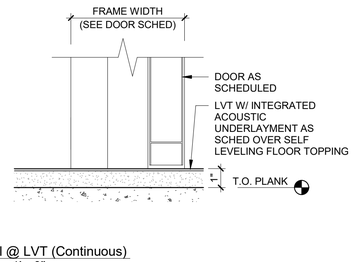
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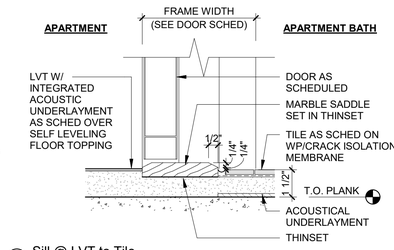
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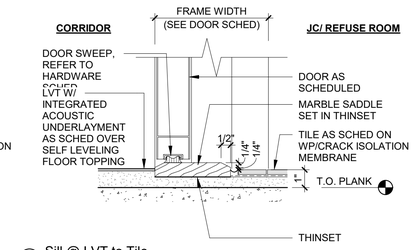
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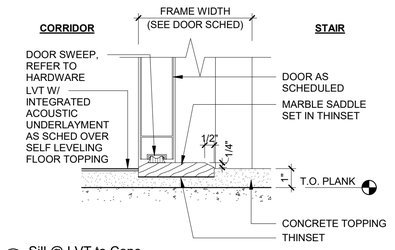
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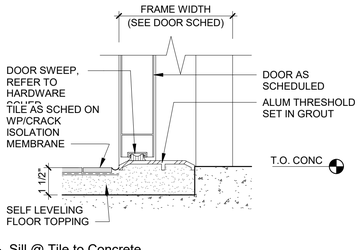
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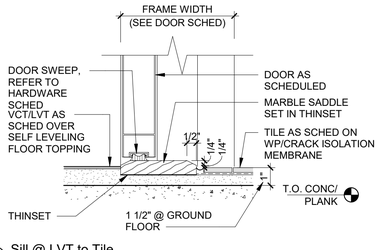
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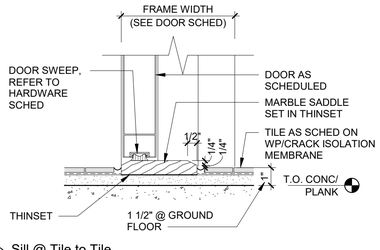
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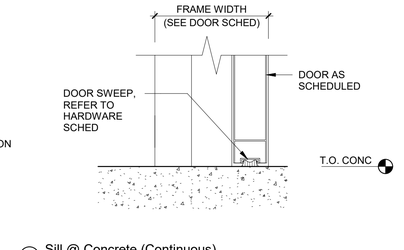
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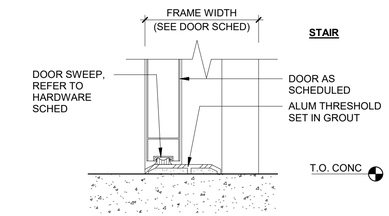
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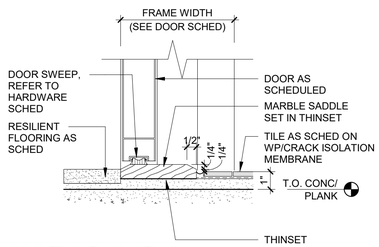
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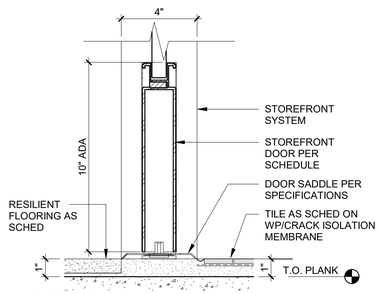
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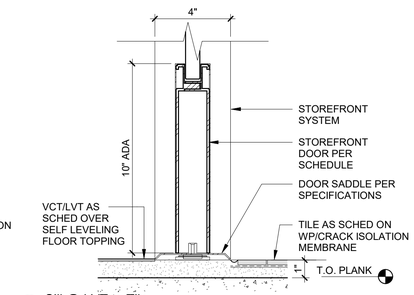
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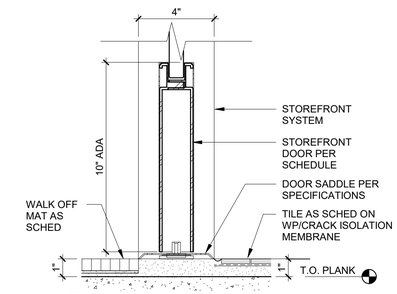
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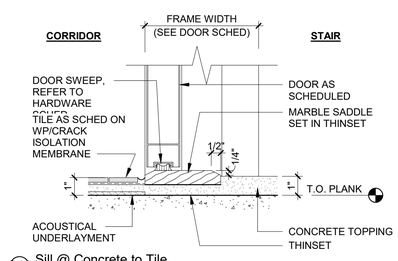
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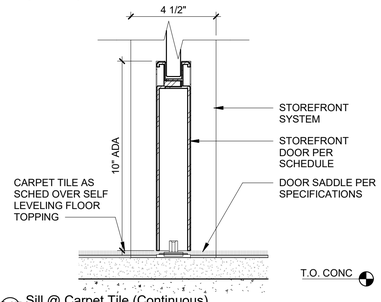
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S15 Sill @ Tile to Walk-Off Mat
3" = 1' - 0"



S16 Sill @ Concrete to Tile
3" = 1' - 0"



S17 Sill @ Carpet Tile (Continuous)
3" = 1' - 0"

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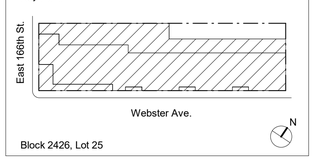
P4 Pricing Set 24-0830

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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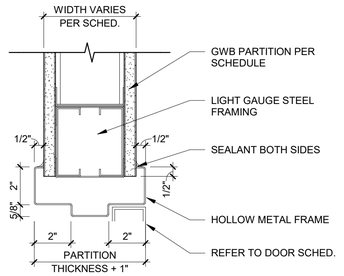
Door Sill Details

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Scale	3" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

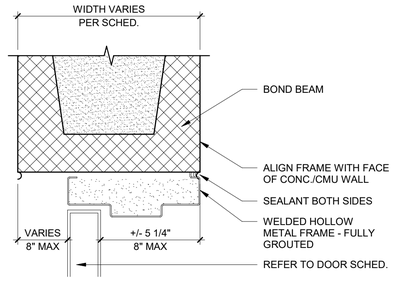
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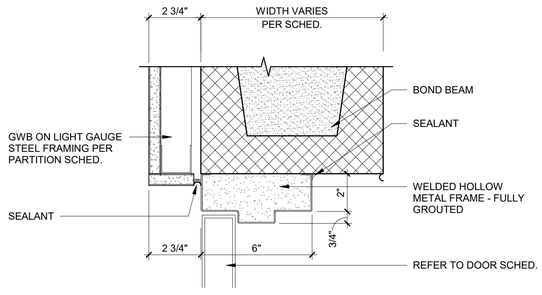
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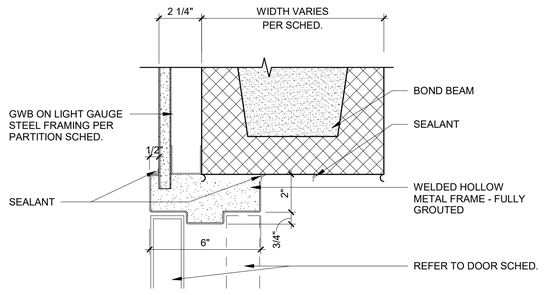
1 H1 - HM Frame @ GWB Partition
3" = 1'-0"



2 H2 - HM Frame @ CMU
3" = 1'-0"

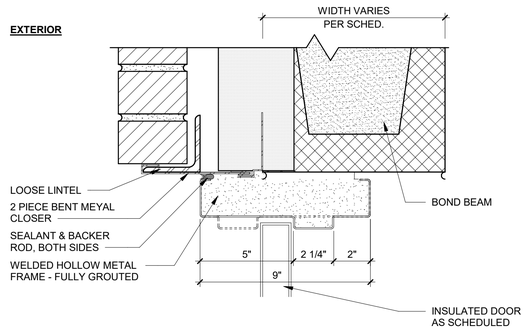


3 H3 - HM Frame @ CMU with Furring
3" = 1'-0"

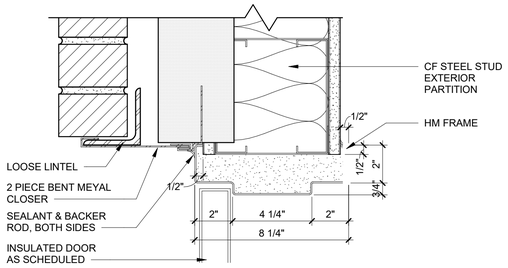


4 H4 - HM Frame @ CMU with Furring
3" = 1'-0"

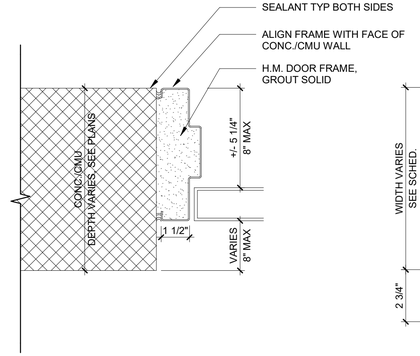
EXTERIOR



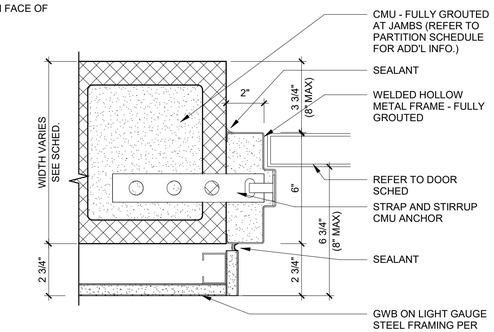
5 H5 - HM Frame @ Exterior Wall
3" = 1'-0"



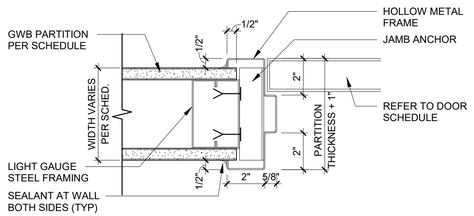
6 H6 - HM Frame @ Stud Exterior Wall
3" = 1'-0"



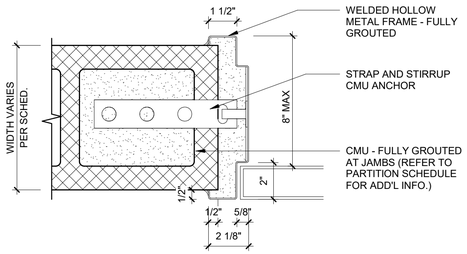
9 J2 - Typical Concrete/CMU Jamb detail
3" = 1'-0"



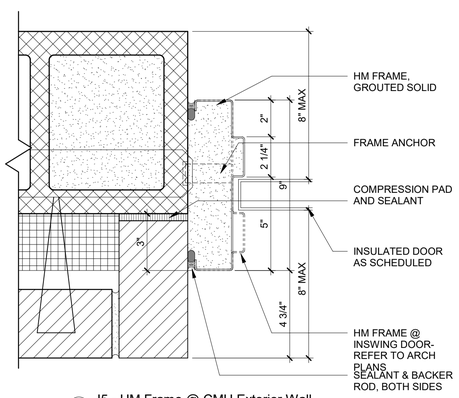
10 J3 - HM Frame @ CMU with Furring
3" = 1'-0"



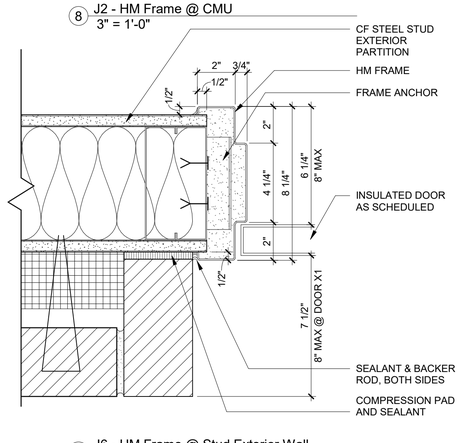
7 J1 - HM Frame @ GWB Partition
3" = 1'-0"



8 J2 - HM Frame @ CMU
3" = 1'-0"



12 J5 - HM Frame @ CMU Exterior Wall
3" = 1'-0"



11 J6 - HM Frame @ Stud Exterior Wall
3" = 1'-0"

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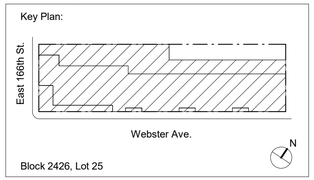
P4 Pricing Set 24-0830

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Door Head & Jamb Details

Date	08/30/2024
Scale	3" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

A-613.00

Finish Legend

Finish Tag	Material	Manufacturer	Product	Color	Finish	Size	Location	Comments	Local Rep Contact	
									Name	Email
BASE										
RB-1	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE	TBD		STANDARD TOE	STAIRS, BIKE STORAGE			
RB-2	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE	TBD		STANDARD TOE	BOH SPACES - USE BY DEFAULT U.O.N.			
RB-3	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE	TBD GREEN		STANDARD TOE	PLAY ROOM			
RB-4	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE	100 BLACK		STANDARD TOE	FITNESS ROOM			
RB-5	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE	TBD		STANDARD TOE	MULTIPURPOSE ROOM, SUPPORTIVE SERVICES SUITE			
WB-1	WOOD BASE		PAINTED POPLAR	TBD		4"HX1/2"D	RESIDENTIAL CORRIDORS, APARTMENTS (EXCEPT BATHROOMS)			
CABINETRY										
CAB-1	FRAMED ALLWOOD	ADVANTA	CALIBRA ii	TOFFEE			APARTMENT KITCHENETTE			
CAB-2	PLYWOOD	RYNONE	FLEXLINE CONVERTIBLE CABINET	5883 PECAN WOODLINE			APARTMENT BATHROOM VANITY			
CEILING										
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	CERAMAGUARD 607 - FINE FISSURED	WHITE		24"X24X5/8"	LAUNDRY ROOM			
ACT-2	ACOUSTIC CEILING TILE	ARMSTRONG	DUNE 1777HRC - BEVELED EDGE	WHITE		24"X24X5/8"	SUPPORTIVE SERVICES SUITE			
ACT-3	ACOUSTIC CEILING TILE	ARMSTRONG	DUNE 1777HRC - SQUARE EDGE	WHITE		24"X24X5/8"	RESIDENTIAL CORRIDORS, PLAY ROOM, STAFF ROOM			
CL-1	MTL ACOUSTIC CEILING TILE	ARMSTRONG	METALWORKS VECTOR	EFFECTS SESAME	M2 - MICRO PERFORATED	24"X24"	LOBBY	REFER TO REFLECTED CEILING PLANS FOLOCATIONS		
CL-2	FELT ACOUSTIC CLOUD	IMPACT ACOUSTICS	ARCHISONIC	404 MILK		24"X24"	PLAY ROOM, SUPPORTIVE SERVICES SUITE	REFER TO REFLECTED CEILING PLANS FOLOCATIONS		
COUNTERTOP										
SS-1	QUARTZ	HANSTONE	QUARTZ COUNTERTOP	RU611 METROPOLITAN			APARTMENT KITCHENETTE COUNTERTOPS		BRIAN SENDROWITZ	briansendrowitz@prospecllc.com
SS-2	QUARTZ	WILSONART	QUARTZ COUNTERTOP	Q4068 NOVA SERRANA			MAILBOX COUNTERTOPS			
SS-3	SOLID SURFACE	CORIAN	SOLID SURFACE	TBD			RECEPTION DESK COUNTERTOPS			
SS-4	RESIN PANEL	3FORM	CHROMA	Y10 DAFFODIL			PLAY ROOM NICHE		CURTIS HARMON	curtis.harmon@3-form.com
SS-5	QUARTZ	HANSTONE	QUARTZ COUNTERTOP	CL101 AURORA SNOW			MULTIPURPOSE ROOM PANTRY, SUPPORTIVE SERVICES PANTRY, SUPPORTIVE SERVICES EXAM ROOM		BRIAN SENDROWITZ	briansendrowitz@prospecllc.com
FABRIC										
FA-1	UPHOLSTERY	STINSON	TOUCHSTONE	TOU 59 NUGGET			PLAYROOM BUILT-IN SEATING			
FLOORING										
CON-1	CONCRETE WATERPROOFING	DEX-O-TEX	M-E FLOORING	4413 DOLPHIN GRAY			DHW STORAGE			
CON-2	CONCRETE SEALER	ECO SAFETY PRODUCTS	SOYCRETE CONCRETE STAIN & SEALER	TBD			STAIRS, BIKE STORAGE			
CON-3	CONCRETE SEALER	ECO SAFETY PRODUCTS	ACRI-SOY PENETRATING CONCRETE SEALER	CLEARCOAT			BOH SPACES - USE BY DEFAULT U.O.N.			
RF-1	LUXURY VINYL TILE	AQUASENSE	GENERATION 2	WESTCHESTER		7"X60"	APARTMENTS (EXCLUDING BATHROOMS)		DAVID SHAOULPOUR	DavidS@hfdesignllc.com
RF-2	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	NATURAL OPTIMIST - ABSTRACT	NAT302 GEMMA LUMINARY		7.25"x48"	RESIDENTIAL CORRIDORS, ELEVATOR CAB		PATTY GARR	Patty.Garr@mannington.com
RF-3	LUXURY VINYL TILE	SHAW CONTRACT	CROSSING PATHS 5.0 4392V	THATCH 91720		18"X18"	MULTIPURPOSE ROOM, PLAY ROOM, SUPPORTIVE SERVICES SUITE		LAURA HUGGINS	laura.huggins@shawcontract.com
RF-4	RUBBER FLOORING	ALLSTATE FLOORING	RENEW RUBBER	DUSK			FITNESS ROOM		IVAN STOLER	sales@allstaterubber.com
LAMINATE										
PL-1	PLASTIC LAMINATE	WISONART		7938 NEW AGE OAK	VELVET		MAILBOX ENCLOSURE, RESIDENTIAL CORRIDORS ACCENT WALL		SEAN HILGEMAN	sean@sylvester-assoc.com
PL-2	PLASTIC LAMINATE	WILSONART		Y082 ATRIUM TEAK	GLOSSY		MULTIPURPOSE ROOM PANTRY, SUPPORTIVE SERVICES PANTRY CABINETRY		KATHRYN BLENIS	Kathryn_Blenis@panolam.com
PL-3	PLASTIC LAMINATE	WILSONART		15031 SOFT WHITE	MATTE		PLAY ROOM DESK, LAUNDRY ROOM FOLDING TABLE		KATHRYN BLENIS	Kathryn_Blenis@panolam.com
PL-4	PLASTIC LAMINATE	WILSONART		8202 LIGHT OAK PLY 8202	MATTE		PLAY ROOM BUILT-IN SEATING, OFFICE COMPUTER DESK		KYLE SUPLEY	kyle.supley@wilsonart.com
PL-5	PLASTIC LAMINATE	OTIS		TBD			ELEVATOR CAB		KYLE SUPLEY	
MISCELLANEOUS										
MAT-1	WALK-OFF MAT	MATTER SURFACES	GRATE MAT	TBD		12 MM THICK (5/8")	VESTIBULES		SANDY MAGLUILO	smagluilo@mattersurfaces.com
MB-1	MAILBOXES	FLORENCE CORPORATION	STD-4C	DARK BRONZE			ENGRAVED LETTERING		SANDY MAGLUILO	smagluilo@mattersurfaces.com
MI-1	BASIC TEMPERED OR LAMINATED MIRROR	MCGRORY GLASS OR EQUVALENT	SAFETY GLASS - TEMPERED OR LAMINATED MIRROR	MIRROR			FITNESS ROOM ACCENT WALL			
MT-1	ALUM PROFILE	SCHLUTER	FINEC SQ	SATIN ANODIZED			TILE WAINSCOT, OTHER VISIBLE TILE EDGES			
MT-2	ALUM POWDERCOAT	CHEMETAL		511 MATTE BLACK POWDER			MAILBOX LEGS		LEO FORREST	lforrest@chemetal.com
PAINT FINISHES: 1) CEILING - FLAT 2) WALLS - EGG SHELL 3) DOORS & TRIMS - SEMI GLOSS 4) BATHRM WALLS : SEMI GLOSS 5)BATHROOM CLG : SEMI GLOSS										
P-1	PAINT	SHERWIN WILLIAMS	SUPERPAINT W/ AIR PURIFYING TECHNOLOGY	TBD	REFER TO MATERIAL GROUP		GENERAL WALL PAINT - USE BY DEFAULT U.O.N.		ANDREA DINICE	Andrea.Dinice@sherwin.com
P-2	PAINT	SHERWIN WILLIAMS	SUPERPAINT W/ AIR PURIFYING TECHNOLOGY	7030 ANEW GRAY	REFER TO MATERIAL GROUP		LOBBY, RESIDENTIALCORRIDORS, MULTIPURPOSE ROOM, PLAY ROOM WALLS		ANDREA DINICE	Andrea.Dinice@sherwin.com
P-3	PAINT	KEIM	INNOSTAR INTERIOR MINERAL WALL PAINT	9178 IN THE NAVY	REFER TO MATERIAL GROUP		LOBBY ACCENT WALLS		ANDREA DINICE	Andrea.Dinice@sherwin.com
P-4	PAINT	WOLF GORDON	SCUFFMASTER SCRUBTOUGH	TBD	REFER TO MATERIAL GROUP		ELEVATOR DOORS & FRAMES (EXCEPT GROUND FLOOR ELEVATOR DOORS), APARTMENT DOORS		JOE D'AMATO	joe.damato@wolfgordon.com
P-5	PAINT	WOLF GORDON	SCUFFMASTER SCRUBTOUGH	TBD	REFER TO MATERIAL GROUP		GENERAL DOOR PAINT - USE BY DEFAULT U.O.N.		JOE D'AMATO	joe.damato@wolfgordon.com
P-6	PAINT	SHERWIN WILLIAMS	SUPERPAINT W/ AIR PURIFYING TECHNOLOGY	6510 LOYAL BLUE	REFER TO MATERIAL GROUP		FITNESS ROOM, SUPPORTIVE SERVICES SUITE ACCENT WALLS		ANDREA DINICE	Andrea.Dinice@sherwin.com
P-7	PAINT	SHERWIN WILLIAMS	SUPERPAINT W/ AIR PURIFYING TECHNOLOGY	7757 HIGH REFLECTIVE WHITE	REFER TO MATERIAL GROUP		GENERAL CEILING PAINT - USE BY DEFAULT U.O.N.		ANDREA DINICE	Andrea.Dinice@sherwin.com
P-8	PAINT	SHERWIN WILLIAMS	SUPERPAINT W/ AIR PURIFYING TECHNOLOGY	6901 DAFFODIL	REFER TO MATERIAL GROUP		PLAY ROOM NICHE. PLAY ROOM MILLWORK INTERIOR		ANDREA DINICE	Andrea.Dinice@sherwin.com
P-9	PAINT	WOLF GORDON	SCUFFMASTER	GREEN TBD	REFER TO MATERIAL GROUP		PLAY ROOM DOORS		JOE D'AMATO	joe.damato@wolfgordon.com
TILE										
TL-1	PORCELAIN TILE	GRANITI FIANDRE	BROOKLYN	CEMENTO ARGENT	HONED	12"X24"	APARTMENT BATHROOM FLOOR	PROVIDE 6"X12" COVE BASE	MARIA LUCIA LAVISTA	mlavista@granitifiandre.it
TL-2	PORCELAIN TILE	CREATIVE MATERIALS CORPORATION	SEFFARINE	WHITE	GLOSSY	2.5"X5"	MAIL ACCENT WALL TILE, RECEPTION DESK		JOHN ROBERTS	jroberts@creativematerialscorp.com
TL-3	PORCELAIN TILE	MOSA TILE	CORE COLLECTION SOLIDS	5118 RUST RED	SMOOTH	24"X24"	LOBBY ELEVATOR WALL			
TL-4	PORCELAIN TILE	GRANITI FIANDRE	ATELIER	BLACK	HONED	24"X24"	LOBBY FLOOR		MARIA LUCIA LAVISTA	mlavista@granitifiandre.it
TL-5	PORCELAIN TILE	CREATIVE MATERIALS CORPORATION	TANGIER	BEIGE	MATTE	24"X24"	GROUND FLOOR VESTIBULE, RECEPTION DESK WALL		JOHN ROBERTS	jroberts@creativematerialscorp.com
TL-6	CEMENT TILE	ZIA TILE	WHITE	WHITE		4"X8"	PLAY ROOM BATHROOM WALL			
TL-7	CEMENT TILE	ZIA TILE	POMELO	ZEPPELIN		8"X8"	PLAY ROOM BATHROOM FLOOR			
TL-8	CERAMIC TILE	CASALGRANDE PADANA	NUANCES	NEVE	SATIN	3"X10"	APARTMENT BATHROOM WALL		BRIAN SENDROWITZ	briansendrowitz@prospecllc.com
TL-9	PORCELAIN TILE	CROSSVILLE	MAIN STREET	GALLERY GREY	MATTE	6"X6"	LAUNDRY ROOM, REFUSE ROOMS, JANITORS CLOSET FLOORS	PROVIDE 6"X12" COVE BASE	SERKAN KUTUN	serkan.kutun@akdo.com
TL-10	CERAMIC TILE	NEMO TILE	BOND	COTTON	GLOSSY	2.6"X7.9"	APARTMENT KITCHENETTE BACKSPLASH		NIC JENNINGS	njennings@nemotile.com
TL-11	CERAMIC TILE	CREATIVE MATERIALS CORPORATION	MUSE	MARINE	GLOSSY	2"X8"	MULTIPURPOSE ROOM PANTRY BACKSPLASH TILE		JOHN ROBERTS	jroberts@creativematerialscorp.com
TL-12	CERAMIC TILE	CREATIVE MATERIALS CORPORATION	MUSE	SNOW	GLOSSY	2"X8	SUPPORTIVE SERVICES SUITE PANTRY BACKSPLASH TILE		JOHN ROBERTS	jroberts@creativematerialscorp.com
TL-13	PORCELAIN TILE	CROSSVILLE	MAIN STREET	GALLERY GREY		24"X24"	PUBLIC BATHROOM FLOORS - USE BY DEFAULT U.O.N.	PROVIDE 6"X12" COVE BASE	NIC JENNINGS	njennings@nemotile.com
TL-14	PORCELAIN TILE	CROSSVILLE	MAIN STREET	GALLERY GREY		12"X24"	PUBLIC BATHROOM WALLS - USE BY DEFAULT U.O.N.		NIC JENNINGS	njennings@nemotile.com
TL-15	PORCELAIN TILE	GRANITI FIANDRE	WAVE	SEAWEED	HONED	12"X24"	RESIDENTIAL CORRIDORS ELEVATOR WALL		MARIA LUCIA LAVISTA	mlavista@granitifiandre.it
TL-16	PORCELAIN TILE	NEMO TILE	STICKS	PLASTER	SMOOTH	0.378"X12"	LOBBY COLUMNS		NIC JENNINGS	njennings@nemotile.com
TL-17	CERAMIC TILE	PROSPEC LLC	PRO BASICS	TENDER GREY	GLOSSY	4"X4"	REFUSE ROOMS, JANITORS CLOSETS WALL		BRIAN SENDROWITZ	briansendrowitz@prospecllc.com
TL-18	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR	TBD		4"X12"	LAUNDRY ROOM WALL		VICKIE VIGIL	vickie.vigil@daltile.com
WALLCOVERING										
WC-1	WALL COVERING	WOLF GORDON	RIDGELINE	MIST			SUPPORTIVE SERVICES SUITE ACEENT WALLCOVERING		JOE D'AMATO	joe.damato@wolfgordon.com
WC-2	BULLETIN BOARD	WOLF GORDON	BULLETIN BOARD	2214 BLUE BERRY			SUPPORTIVE SERVICES SUITE, MULTIPURPOSE ROOM TACKABLE WALLCOVERING		ROY ARJE	551 202 9001

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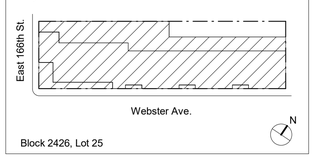
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P2	Design Development	23-0905

Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Finish Legend

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Finish Room Schedule

Room No.	Name	Finishes						Finish Comments
		Floor	Base	Wall	Accent Wall	Ceiling	Casework & Countertops & Backsplash	
Cellar								
001	WORKSHOP	CON-3	RB-2	P-1		P-7		
003	DETENTION TANK ROOM							
004	WATER METER ROOM	CON-3	RB-2	P-1		P-7		
005	TELECOM ROOM	CON-3	RB-2	P-1		P-7		
006	GAS ROOM	CON-3	RB-2	P-1		P-7		
007	ATS	CON-3	RB-2	P-1		P-7		
008	ELECTRICAL ROOM	CON-3	RB-2	P-1		P-7		
009	CRAWL SPACE							
Level 1								
101	VEST.	TL-4/MAT-1	TL-4	P-2	TL-5	P-7		
102	LOBBY	TL-4	TL-4	P-2	P-3/PL-1/TL-3/TL-5	P-7/CL-1	SS-3/TL-2	
103	MAIL	TL-4	TL-4	P-2	TL-2	CL-1	MB-1/MT-2P-1/SS-2	
104	PACKAGE RM.	TL-4	TL-4	P-1		P-7		
105	STAFF RM.			P-1		ACT-3		
105A	STAFF W.C.	TL-13		P-1	TL-14	ACT-3		
106	BIKE STORAGE	CON-2	RB-1	P-1		P-7		
106B	BOH CORRIDOR	CON-3	RB-2	P-1		P-7		
107	COMPACTOR ROOM	CON-3	RB-2	P-1		P-7		
107A	ORGANICS	CON-3	RB-2	P-1		P-7		
107B	SUMP PUMP	CON-3	RB-2	P-1		P-7		
0111	BOH CORRIDOR	CON-3	RB-2	P-1		P-7		
121	RETAIL							
131	LOADING DOCK							
CF-01	COMMUNITY FACILITY							
Level 2								
0200	RESIDENTIAL CORRIDOR	RF-2	WD-1	P-2	TL-15	P-7		
200A	REFUSE	TL-9	TL-9	P-1	TL-17	P-7		
200B	TC			P-1		P-7		
200C	EC		RB-2	P-1		P-7		
200D	TC			P-1		P-7		
201	PLAY ROOM	RF-7	RB-3	P-1	P-8	ACT-3/CL-2	PL-3/PL-4/SS-4	FA-1 @ BUILT-IN SEATING
201A	W.C.	TL-7	TL-7	P-1	TL-6	ACT-3		
202	LAUNDRY ROOM	TL-9	TL-9	P-1	TL-18	ACT-1/CL-2	PL-3	
203	OPEN OFFICE	RF-3	RB-5	P-1	WC-1/P-6	ACT-2		
203A	W.C.	TL-13	TL-13	P-1	TL-14	ACT-2		
203B	OFFICE	RF-3	RB-5	P-1		ACT-2		
203C	STORAGE	RF-3	RB-5	P-1		ACT-2		
203D	OFFICE	RF-3	RB-5	P-1		ACT-2		
203E	CONFERENCE	RF-3	RB-5	P-1	WC-2	ACT-2		
203F	PANTRY	RF-3	RB-5	P-1		ACT-2	PL-2/SS-5/TL-12	
203G	W.C.	TL-13	TL-13	P-1	TL-14	ACT-2		
203H	EXAM	RF-3	RB-5	P-1		ACT-2	PL-2/SS-5	
204	FITNESS ROOM	RF-4	RB-4	P-1	MI-1/P-6	P-7		
205	MULTIPURPOSE ROOM	RF-3	RB-5	P-1	WC-2	P-7	PL-2/SS-5/TL-11	
205A	W.C.	TL-13	TL-13	P-1	TL-14	ACT-3		
205B	STORAGE	RF-3	RB-5	P-1		P-7		
206	VEST.	MAT-1	WD-1	P-1		P-7		
Roof								
1201	DHW Storage	CON-1	CON-1	P-1		P-7		
1202	ATS	CON-3	RB-2	P-1		P-7		
1203	EMR	CON-3	RB-2	P-1		P-7		

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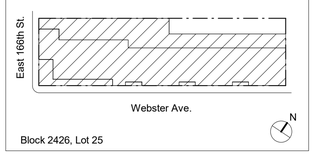
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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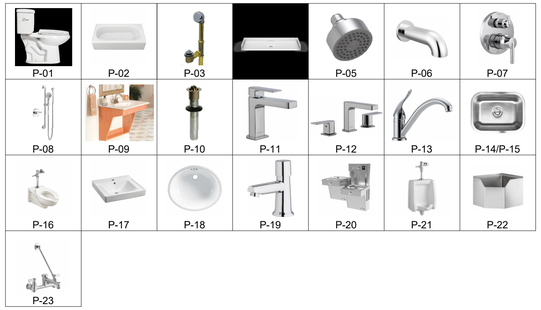
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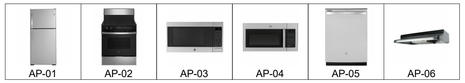
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Plumbing Fixture Schedule

TYPE MARK	EQUIPMENT	LOCATION NOTES	MANUFACTURER	MODEL	FINISH	FLOW RATE	COMMENTS
APARTMENT BATHROOM							
P-01	TOILET	ALL APARTMENTS	NIAGARA	SENTINEL ROUND TOILET	WHITE	1.28 GPF	
P-02	BATHTUB	NON UFAS MI APTS	AMERICAN STANDARD	PRINCETON RECESS BATH 2390.202 OR 2391.202	WHITE		COORDINATE LEFT HAND OR RIGHT HAND BASED ON BATHROOM LAYOUT
P-03	BATHTUB CLICKER DRAIN	NON UFAS MI APTS	WATCO	TUBULAR BRASS 591	CHROME		
P-04	SHOWER PAN	UFAS MI APTS	BEST BATH	P6032B	WHITE		60"X33"
P-05	SHOWER HEAD	NON UFAS MI APTS	PEERLESS	RP84085	CHROME	1.5 GPM	INSTALL WITH DELTA SHOWER ARM (U4993)
P-06	TUB SPOUT	NON UFAS MI APTS	DELTA	RP77350	CHROME		NO DIVERTER
P-07	INTEGRATED TUB TRIM	ALL APARTMENTS	DELTA	T24859	CHROME		OFFSET CONTROL, SEE A-511 & A-512. TO BE INSTALLED WITH DELTA MULTICHOICE UNIVERSAL INTEGRATED SHOWER DIVERTER ROUGH (R22000).
P-08	HAND SHOWER WITH TRIM	UFAS MI APTS	PEERLESS	PRECEPT PTT24347	CHROME	1.5 GPM	TO BE INSTALLED WITH DELTA MULTICHOICE UNIVERSAL INTEGRATED SHOWER DIVERTER ROUGH (R10000).
P-09	LAVATORY SINK	ALL APARTMENTS	FLEXLINE		SOLID WHITE & CAB-2		
P-10	LAVATORY CLICKER DRAIN	ALL APARTMENTS	WATCO	PRESFLO 801-PF	CHROME		
P-11	LAVATORY FAUCET	UFAS MI APTS	PEERLESS	XANDER P1519LF-M	CHROME	1.0 GPM	
P-12	LAVATORY FAUCET	NON UFAS MI APTS	PEERLESS	XANDER P3519LF	CHROME	1.0 GPM	
APARTMENT KITCHEN							
P-13	KITCHEN FAUCET	ALL APARTMENTS	DELTA	101LF-HDF	CHROME	1.5 GPM	
P-14	KITCHEN SINK	NON UFAS MI APTS	MR DIRECT	2318	STAINLESS STEEL		PROVIDE BASKET STRAINER
P-15	KITCHEN SINK	UFAS MI APTS	MR DIRECT	ADA2318	STAINLESS STEEL		PROVIDE BASKET STRAINER
PUBLIC BATHROOMS							
P-16	TOILET WITH FLUSH VALVE	ALL PUBLIC BATHROOMS	AMERICAN STANDARD	AFWALL MILLENIUM 2859128	WHITE	1.28 GPF	
P-17	LAVATORY SINK	SINGLE USER PUBLIC BATHROOMS, LAUNDRY ROOM	AMERICAN STANDARD	DECORUM 9024.001EC	WHITE		PROVIDE WATCO IDEAL LAV GRID DRAIN 815-B-CP AND PIPE PROTECTION
P-18	UNDERMOUNT LAVATORY SINK	MULTI USER PUBLIC BATHROOMS	AMERICAN STANDARD	OVALYN 9482000.020	WHITE		
P-19	LAVATORY FAUCET	ALL PUBLIC BATHROOMS	CHICAGO FAUCETS	3500 SERIES	CHROME	1.0 GPM	
P-20	WATER FOUNTAIN	COMMUNITY FACILITY	HALSEY TAYLOR	HTHBHVRBL-NF	STAINLESS STEEL		BI-LEVEL VANDAL RESISTANT NON-REFRIGERATED NON-FILTERED
P-21	URINAL	MULTI USER PUBLIC BATHROOMS	AMERICAN STANDARD	WASHBROOK 6501511.020	WHITE	1.0 GPF	
P-22	MOP SINK	JANITORS CLOSET	REGENCY	600SM202812C	STAINLESS STEEL		16-GAUGE STAINLESS STEEL ONE COMPARTMENT CORNER MOP SINK WITH NOTCHED FRONT - 28"X20"X12" BOWL
P-23	MOP SINK FAUCET	JANITORS CLOSET	REGENCY	600FMS86	CHROME		WALL-MOUNTED MOP SINK FAUCET WITH 8" CENTERS

Appliance Schedule

Type Mark	EQUIPMENT	LOCATION	MANUFACTURER	MODEL	FINISH	COMMENTS
APARTMENT KITCHEN						
AP-01	REFRIGERATOR	ALL APARTMENTS	GE	GTE19JTNR	STAINLESS STEEL	19.2 CU FT
AP-02	ELECTRIC RANGE	ALL APARTMENTS	GE	JB480ST	STAINLESS STEEL	30", SELF-CLEANING
AP-03	OVER THE RANGE MICROWAVE	NON UFAS MI APTS	GE	JVM3160DF	STAINLESS STEEL	1.6 CU FT, RECIRCULATING
AP-04	MICROWAVE	UFAS MI APTS	GE	JES1657SM	STAINLESS STEEL	1.6 CU FT
AP-05	DISHWASHER	ALL APARTMENTS	GE	GDT530PSP	STAINLESS STEEL	24"
AP-06	RANGE HOOD	UFAS MI APTS	AIR KING	ES308ADA	STAINLESS STEEL	30", WALL CONTROL SWITCH

Bathroom Accessory Schedule

TYPE MARK	EQUIPMENT	LOCATION	MANUFACTURER	MODEL	FINISH	COMMENTS
APARTMENT BATHROOM						
BA-01	ADA GRAB BAR	UFAS MI APTS	DELTA	41812-SS	STAINLESS STEEL	12"
BA-02	ADA GRAB BAR	UFAS MI APTS	DELTA	41818-SS	STAINLESS STEEL	18"
BA-03	ADA GRAB BAR	ALL APARTMENTS	DELTA	41824-SS	STAINLESS STEEL	24"
BA-04	ADA GRAB BAR	UFAS MI APTS	DELTA	41836-SS	STAINLESS STEEL	36"
BA-05	ADA GRAB BAR	UFAS MI APTS	DELTA	41842-SS	STAINLESS STEEL	42"
BA-06	L-SHAPED GRAB BAR	UFAS MI APTS	ASI	3850-P	STAINLESS STEEL, PEENED	24"X36"
BA-07	TOWEL BAR	ALL APARTMENTS	DELTA	TETRA 78918	CHROME	18"
BA-08	MEDICINE CABINET	NON UFAS APTS	KETCHAM	192PE-SM	POLISHED MIRROR EDGE	SURFACE MTD, 24"X36"
BA-09	MEDICINE CABINET	UFAS MI APTS	KETCHAM	192PE	POLISHED MIRROR EDGE	24"X36"
BA-10	T.P. HOLDER	ALL APARTMENTS	DELTA	TETRA 78955	CHROME	
BA-11	SHOWER CURTAIN ROD*	ALL APARTMENTS	MOEN	63-5HD	CHROME	*OR EQUIVALENT INDUSTRIAL GRADE
BA-12	FOLDING SHOWER SEAT	UFAS MI APTS	ASI	8203-33	WHITE	33"X14 1/2"
BA-13	SHOWER SHELF	ALL APARTMENTS	DALTILE	CAST METAL CORNER SHELF	STAINLESS CN14	5"
BA-14	ROBE HOOK	ALL APARTMENTS	DELTA	TETRA 78935	CHROME	
PUBLIC BATHROOM						
BA-02	ADA GRAB BAR	ALL PUBLIC BATHROOMS	DELTA	41818-SS	STAINLESS STEEL	18"
BA-04	ADA GRAB BAR	ALL PUBLIC BATHROOMS	DELTA	41836-SS	STAINLESS STEEL	36"
BA-05	ADA GRAB BAR	ALL PUBLIC BATHROOMS	DELTA	41842-SS	STAINLESS STEEL	42"
BA-15	CHANGING TABLE	REFER TO ENLARGED DWGS	ASI	9013	STAINLESS STEEL	RECESSED
BA-16	PAPER TOWEL DISPENSER	ALL PUBLIC BATHROOMS	ASI	64623	STAINLESS STEEL	RECESSED
BA-17	T.P. HOLDER	ALL PUBLIC BATHROOMS	ASI	0031	STAINLESS STEEL	RECESSED
BA-18	SOAP DISPENSER	ALL PUBLIC BATHROOMS	ASI	0340	STAINLESS STEEL	
BA-19	COMBINATION UNIT	MULTI-USER PUBLIC BATHROOMS	ASI	04823	STAINLESS STEEL	PARTITION MTD
BA-20	ADA COMBINATION UNIT	MULTI-USER PUBLIC BATHROOMS	ASI	04833	STAINLESS STEEL	SURFACE MTD
BA-21	BATHROOM STALLS	MULTI-USER PUBLIC BATHROOMS	BRADLEY	BRADMAR SERIES 400	CANYON GRANITE - M244	FLOOR MTD OVERHEAD BRACED
BA-22	ACCESSIBLE MIRROR	SINGLE USER PUBLIC BATHROOMS	KETCHAM	FTM-2436	STAINLESS STEEL	WALL MTD
BA-23	MIRROR	MULTI-USER PUBLIC BATHROOMS				REFER TO ENLARGED DWGS FOR SIZE.
BA-24	PIPE PROTECTION*	ALL PUBLIC BATHROOMS	OATEY	DEARBORN SAFETY SERIES P-TRAP COVERS	WHITE	*OR EQUIVALENT
BA-25	MOP HOLDER	ALL JANITORS CLOSETS	ASI	1513-3	STEEL	30"
WASTE						
BA-26	RECYCLING BINS	REFUSE ROOMS	RUBBEMAID	SLIM JIM 3-STREAM RECYCLING STATION	(2) BLUE - PLASTIC & BOTTLES/CANS LABELS, (1) GREEN - PAPER	23 GALLON BINS
BA-27	RECYCLING BINS*	ALL APARTMENTS	RUBBERMAID		(1) BLUE, (1) GREEN, (1) BROWN	*OR EQUIVALENT 3.25 GALLON BINS

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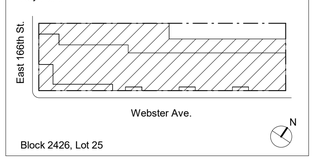
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Revisions:

NB Number: X00909046-I1

Issue: Pricing Set

Key Plan:



Key Plan

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Appliance, Fixture & Accessory Schedules

Date	09/03/2024
Scale	12" = 1'-0"
Drawn By	DA
Checked By	DA
Project No.	2231

Seal

Sheet No.:

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Appendix C

Soil Boring and Monitoring Well Construction Logs

Appendix C Soil Boring and Monitoring Construction Well Logs

GEI Consultants

EXPLORATION LOG

SOIL BORING RISB-01

Boring Location	South Side of Exterior Parking Lo	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/25/2024	**Contractor:**	Tri State Drilling Technologies
Drill Type:	Geoprobe 5400LT	**Driller:**	Paul Recchia
Elevation (Start):		**Drilling Method:**	Direct Push
Elevation (End):		**Total Depth (feet):**	15

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1–4	S1	RISB-01 (0-2)	48	15	0.0 0.0	0"-3" - CONCRETE 3"-15" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (70%) with some silt (20%) and trace fine gravel (10%, subangular)
5–8	S2	RISB-01 (4-6)	48	29	0.1 0.1	0"-29" - SP: FINE TO MEDIUM GRADED SAND Brown fine to medium grained sand (75%) with some silt (20%) and trace fine gravel (5%, subangular)
9–12	S3	RISB-01 (10-12)	48	44	0.1 35.8	0"-20" - SP: FINE TO MEDIUM GRADED SAND Brown fine to medium grained sand (80%) with some silt (20%) 20"-44" - SW: FINE TO COARSE GRADED SAND Black fine to coarse grained sand (70%) with some silt (20%) and trace fine gravel (10%, subangular) Hydrocarbon like odors
13–15	S4	RISB-01 (13-15)	36	34	10.9	0"-34" - SW: FINE TO COARSE GRADED SAND Black / Dark Brown fine to coarse grained sand (70%) with some silt (20%) and trace fine gravel (10%, subangular) Hydrocarbon like odors

END OF BORING 15-feet

GEI Consultants

EXPLORATION LOG

SOIL BORING RISB-02

Boring Location	West Side of Exterior Parking Lo	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/19/2024	**Contractor:**	Coastal Environmental Solutions, Inc
Drill Type:	Geoprobe 7822DT	**Driller:**	Marc Morgenstern
Elevation (Start):		**Drilling Method:**	Direct Push
Elevation (End):		**Total Depth (feet):**	15

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1–2	S1	RISB-02 (0-2)	60	18	0.2	0"-3" - CONCRETE 3"-18" - SP: FINE TO MEDIUM GRADED SAND Brown fine to coarse grained sand (70%) with some silt (20%) and trace fill material (10%)
3–4					0.2	
5–7		RISB-02 (4-6)			0.0	0"-12" - SP: FINE TO MEDIUM GRADED SAND Brown fine to coarse grained sand (70%) with some silt (20%) and trace fill material (10%) 12"-36" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse grained sand (80%) with some silt (20%)
8–10	S2		60	36	0.0	
11–12	S3	RISB-02 (10-12)	60	42	0.0	0"-42" - SW: FINE TO COARSE GRADED SAND Brown/tan fine to coarse grained sand (80%) with some silt (20%)
13–14					0.0	
14–15		RISB-02 (13-15)				

END OF BORING 15-feet

GEI Consultants

EXPLORATION LOG

SOIL BORING RISB-03

Boring Location	East Side of Exterior Parking Lot	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/19/2024	**Contractor:**	Coastal Environmental Solutions, Inc
Drill Type:	Geoprobe 420M	**Driller:**	Marc Morgenstern
Elevation (Start):		**Drilling Method:**	Direct Push
Elevation (End):		**Total Depth (feet):**	15

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1–2	S1	RISB-04 (0-2)	60	24	0.1	0"-3" - CONCRETE 3"-24" - SP: FINE TO MEDIUM GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fill material (20%)
3–4					0.1	
5–6		RISB-04 (4-6)				
6–7	S2		60	36	0.0	0"-16" - SP: FINE TO MEDIUM GRADED SAND Brown fine to coarse grained sand (80%) with some silt (20%) 16"-36" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)
8–9					0.0	
10–11	S3	RISB-04 (10-12)	60	54	0.0	0"-54" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)
12–13					0.0	
14–15		RISB-04 (13-15)				

END OF BORING 15-feet

GEI Consultants

EXPLORATION LOG

SOIL BORING RISB-04

Boring Location	West Side of Mechanic Shop	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/19/2024	**Contractor:**	Coastal Environmental Solutions, Inc
Drill Type:	Geoprobe 7822DT	**Driller:**	Marc Morgenstern
Elevation (Start):		**Drilling Method:**	Direct Push
Elevation (End):		**Total Depth (feet):**	15

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1 2	S1	RISB-04 (0-2)	36	25	0.0	0"-3" - CONCRETE 3"-25" - SP: FINE TO MEDIUM GRADED SAND Tan fine to medium grained sand (80%) with some silt (20%)
3					0.0	
4	S2	RISB-04 (4-6)	36	36	0.0	0"-16" - SP: FINE TO MEDIUM GRADED SAND Tan fine to medium grained sand (80%) with some silt (20%)
5 6					0.1	16"-36" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)
7	S3		36	35	0.0	0"-35" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)
8 9					0.0	
10	S4		36	34	0.0	0"-34" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (80%) with some silt (20%)
11 12		RISB-04 (10-12)			0.0	
13	S5		36	36	0.0	0"-36" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (80%) with some silt (20%)
14		RISB-04 (13-15)			0.0	
15						

END OF BORING 15-feet

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EXPLORATION LOG

SOIL BORING RISB-05

Boring Location	Machine Shop Basement	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/25/2024	**Contractor:**	Tri State Drilling Technologies
Drill Type:	Hand Auger	**Driller:**	Paul Recchia
Elevation (Start):		**Drilling Method:**	Hand Auger
Elevation (End):		**Total Depth (feet):**	5

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1 2	S1	RISB-05 (10-12)	60	60	0.0	0"-60" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)
3						
4 5		RISB-05 (13-15)				

END OF BORING 5-feet

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EXPLORATION LOG

SOIL BORING RISB-06

Boring Location	East Side of Interior Parking Area	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/26/2024	**Contractor:**	Tri State Drilling Technologies
Drill Type:	Geoprobe 5400LT	**Driller:**	Paul Recchia
Elevation (Start):		**Drilling Method:**	Direct Push
Elevation (End):		**Total Depth (feet):**	15

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1–4	S1	RISB-06 (0-2)	48	24	0.0	0"-4" - CONCRETE 4"-24" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (70%) with some silt (20%) and trace fill material (10%)
					0.0	
5–8	S2	RISB-06 (4-6)	48	38	0.0	0"-8" - SP: FINE TO MEDIUM GRADED SAND Brown fine to coarse grained sand (70%) with some silt (20%) and trace fill material (10%) 8"-38" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (80%) with some silt (20%)
					0.0	
9–12	S3		48	42	0.0	0"-42" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse grained sand (80%) with some silt (20%)
		RISB-06 (10-12)			0.0	
13–15	S4	RISB-06 (13-15)	36	36	0.0	0"-36" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)

END OF BORING 15-feet

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EXPLORATION LOG

SOIL BORING RISB-07

Boring Location	West Side of Interior Parking Are	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/26/2024	**Contractor:**	Tri State Drilling Technologies
Drill Type:	Geoprobe 5400LT	**Driller:**	Paul Recchia
Elevation (Start):		**Drilling Method:**	Direct Push
Elevation (End):		**Total Depth (feet):**	15

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1–4	S1	RISB-07 (0-2)	48	36	0.0 / 0.0	0"-6" - CONCRETE 6"-36" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (70%) with some silt (20%) and trace fill material (10%)
5–8	S2	RISB-07 (4-6)	48	34	0.0 / 0.0	0"-19" - SP: FINE TO MEDIUM GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular) 19"-34" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (80%) with some silt (20%)
9–12	S3	RISB-07 (10-12)	48	48	0.0 / 0.0	0"-48" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (80%) with some silt (20%)
13–15	S4	RISB-07 (13-15)	36	34	0.0	0"-34" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)

END OF BORING 15-feet

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EXPLORATION LOG

SOIL BORING RISB-08

Boring Location	West Side of Large Mechanic Shop	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/25/2024	**Contractor:**	Tri State Drilling Technologies
Drill Type:	Geoprobe 5400LT	**Driller:**	Paul Recchia
Elevation (Start):		**Drilling Method:**	Direct Push
Elevation (End):		**Total Depth (feet):**	15

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1–4	S1	RISB-08 (0-2)	48	24	0.0 0.1	0"-3" - CONCRETE 3"-24" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)
5–8	S2	RISB-08 (4-6)	48	46	0.0 0.0	0"-38" - SP: FINE GRADED SAND Brown fine grained sand (80%) with some silt (20%) 38"-46" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)
9–12	S3	RISB-08 (10-12)	48	34	0.1 0.1	0"-34" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)
13–15	S4	RISB-08 (13-15)	36	22	0.0	0"-22" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)

END OF BORING 15-feet

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EXPLORATION LOG

SOIL BORING RISB-09

Boring Location	North Side of Large Mechanic Shop	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/25/2024	**Contractor:**	Tri State Drilling Technologies
Drill Type:	Geoprobe 5400LT	**Driller:**	Paul Recchia
Elevation (Start):		**Drilling Method:**	Direct Push
Elevation (End):		**Total Depth (feet):**	15

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1–2	S1	RISB-09 (0-2)	48	36	0.0	0"-4" - CONCRETE 4"-36" - SP: FINE TO MEDIUM GRADED SAND Brown fine to medium grained sand (80%) with some silt (20%)
3–4					0.0	
5–6	S2	RISB-09 (4-6)	48	39	0.0	0"-39" - SP: FINE TO MEDIUM GRADED SAND Brown fine to medium grained sand (70%) with some silt (20%) and trace fine gravel (10%, subangular)
7–8					0.0	
9–10	S3		48	24	0.0	0"-24" - SW: FINE TO COARSE GRADED SAND Dark Brown fine to coarse grained sand (80%) with some silt (20%)
11–12		RISB-09 (10-12)			0.0	
13–14	S4		36	33	0.0	0"-26" - SP: MEDIUM TO COARSE GRADED SAND Dark Brown medium to coarse grained sand (70%) with some fine gravel (20%, subangular) and trace silt (10%) 26"-33" - SW: FINE TO COARSE GRADED SAND Dark Brown fine to coarse grained sand (80%) with some silt (20%)
15		RISB-09 (13-15)				

END OF BORING 15-feet

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EXPLORATION LOG

SOIL BORING RISB-10

Boring Location	East Side of Large Mechanic Shop	**Client:**	Mega Development
Project Number:	2203948	**Project Name:**	Ten 99 Development Project
Logged By:	L. Robertson	**Site Address:**	1099 Webster Avenue, Bronx NY
Date:	3/25/2024	**Contractor:**	Tri State Drilling Technologies
Drill Type:	Geoprobe 5400LT	**Driller:**	Paul Recchia
Elevation (Start):		**Drilling Method:**	Direct Push
Elevation (End):		**Total Depth (feet):**	15

Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1–4	S1	RISB-10 (0-2)	48	36	0.0	0"-3" - CONCRETE 3"-36" - SP: FINE TO MEDIUM GRADED SAND Brown fine to medium grained sand (80%) with some silt (20%)
					0.0	
5–8	S2	RISB-10 (4-6)	48	46	0.0	0"-46" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse grained sand (70%) with some silt (20%) and trace fine gravel (10%, subangular)
					0.0	
9–12	S3		48	44	0.0	0"-22" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)
		RISB-10 (10-12)			5.9	22"-44" - SP: FINE TO MEDIUM GRADED SAND Brown fine to coarse grained sand (70%) with some silt (20%) and trace fine gravel (10%, subangular)
13–15	S4		36	33	83.6	0"-12" - SP: FINE TO MEDIUM GRADED SAND Brown fine to coarse grained sand (70%) with some silt (20%) and trace fine gravel (10%, subangular)
		RISB-10 (13-15)				12"-33" - SW: FINE TO COARSE GRADED SAND Black fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)

END OF BORING 15-feet

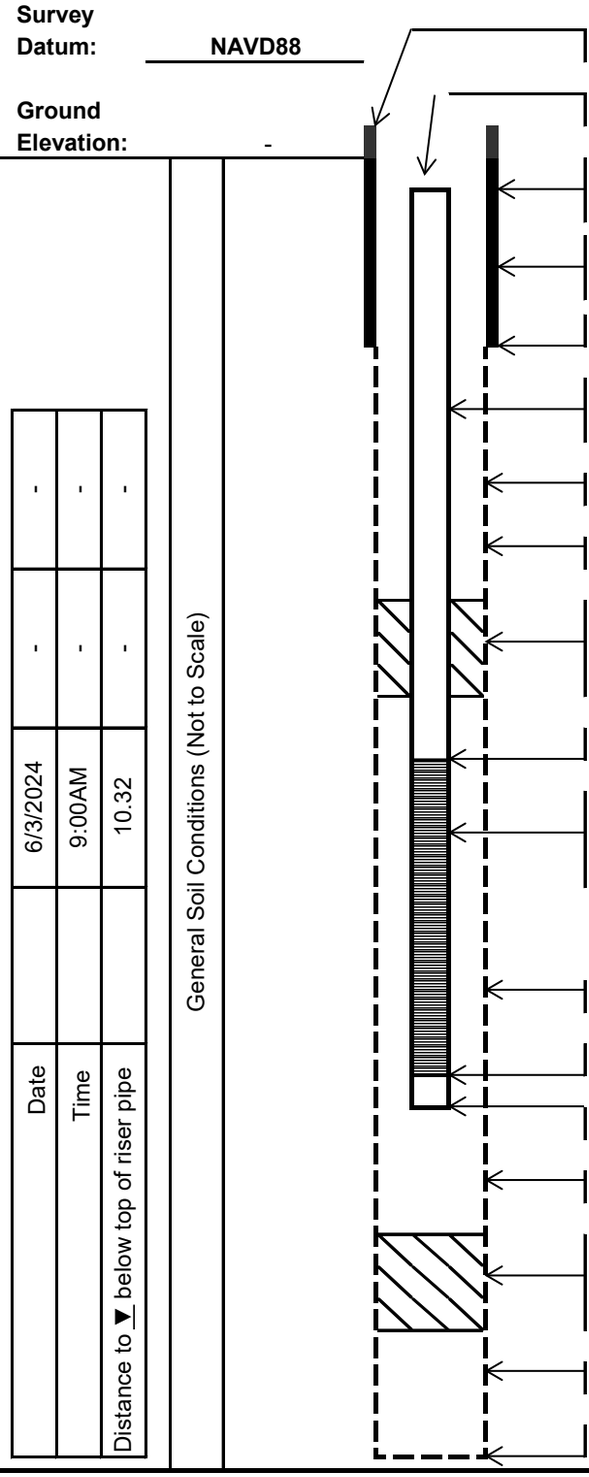
Groundwater Well Installation Log

RIMW-01

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	
Client	Mega Development		166th St Sidewalk
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/18/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	9:00AM	10.32
-	-	-
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	-.25ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	4 in.
Type of Surface Casing	Flush-mount well
Depth Bottom of Surface Casing	0.7 ft
ID and OD of Riser Pipe	2 in. ID / 2.4 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	4.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	2 in. ID / 2.4 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.00 ft
Depth Bottom of Silt Trap	15.25 ft
Depth Bottom of Filter Material	16.00 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	16 ft

Notes:

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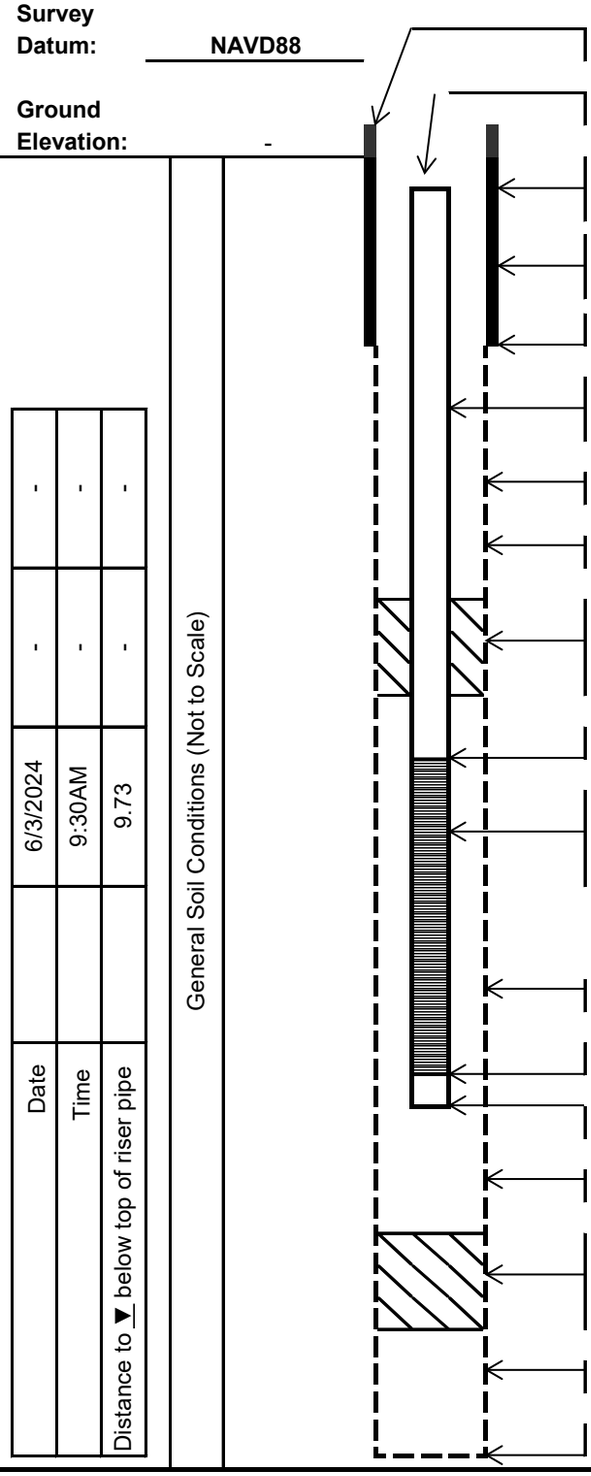
Groundwater Well Installation Log

RIMW-02

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	West Side of Exterior Parking Area
Client	Mega Development		
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/19/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	9:30AM	9.73
-	-	-
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	-.33ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	4 in.
Type of Surface Casing	Flush-mount well
Depth Bottom of Surface Casing	0.7 ft
ID and OD of Riser Pipe	2 in. ID / 2.4 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	4.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.25 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	2 in. ID / 2.4 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.25 ft
Depth Bottom of Silt Trap	15.50 ft
Depth Bottom of Filter Material	16.00 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	16 ft

Notes:

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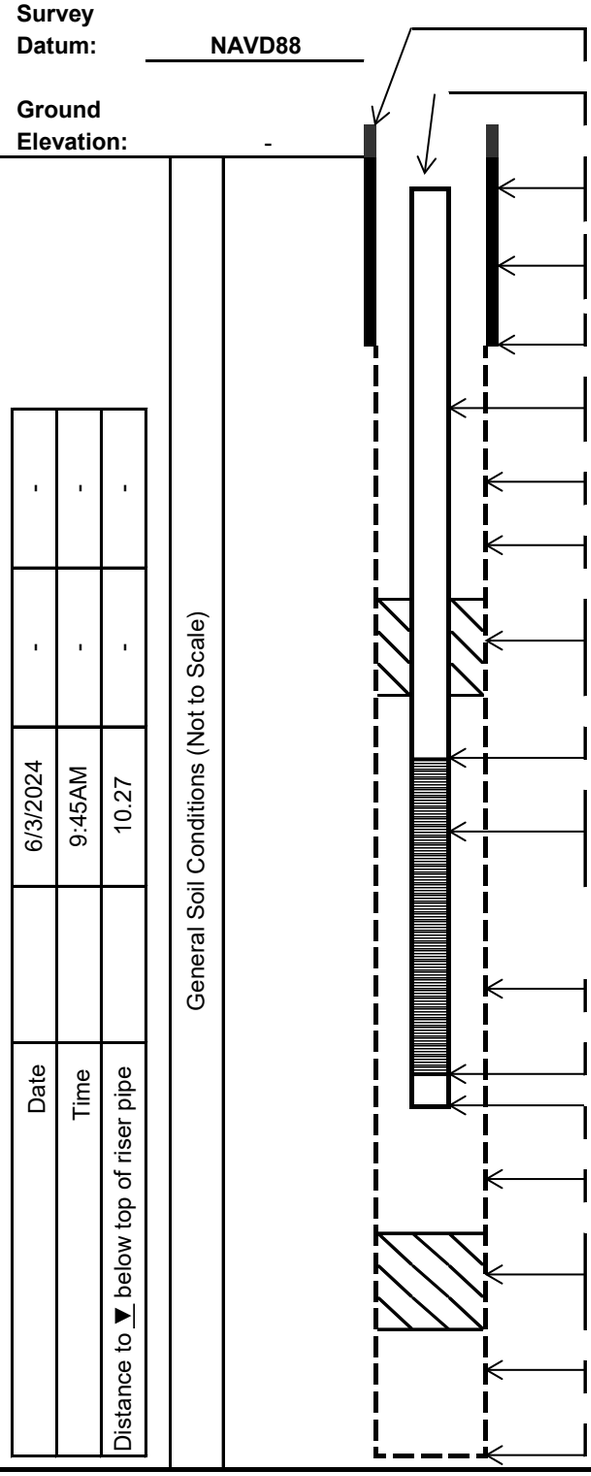
Groundwater Well Installation Log

RIMW-03

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	East Side of Exterior Parking Area
Client	Mega Development		
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/19/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	9:45AM	10.27
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	-.33ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	4 in.
Type of Surface Casing	Flush-mount well
Depth Bottom of Surface Casing	0.7 ft
ID and OD of Riser Pipe	2 in. ID / 2.4 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	4.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.25 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	2 in. ID / 2.4 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.25 ft
Depth Bottom of Silt Trap	15.50 ft
Depth Bottom of Filter Material	16.00 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	16 ft

Notes:

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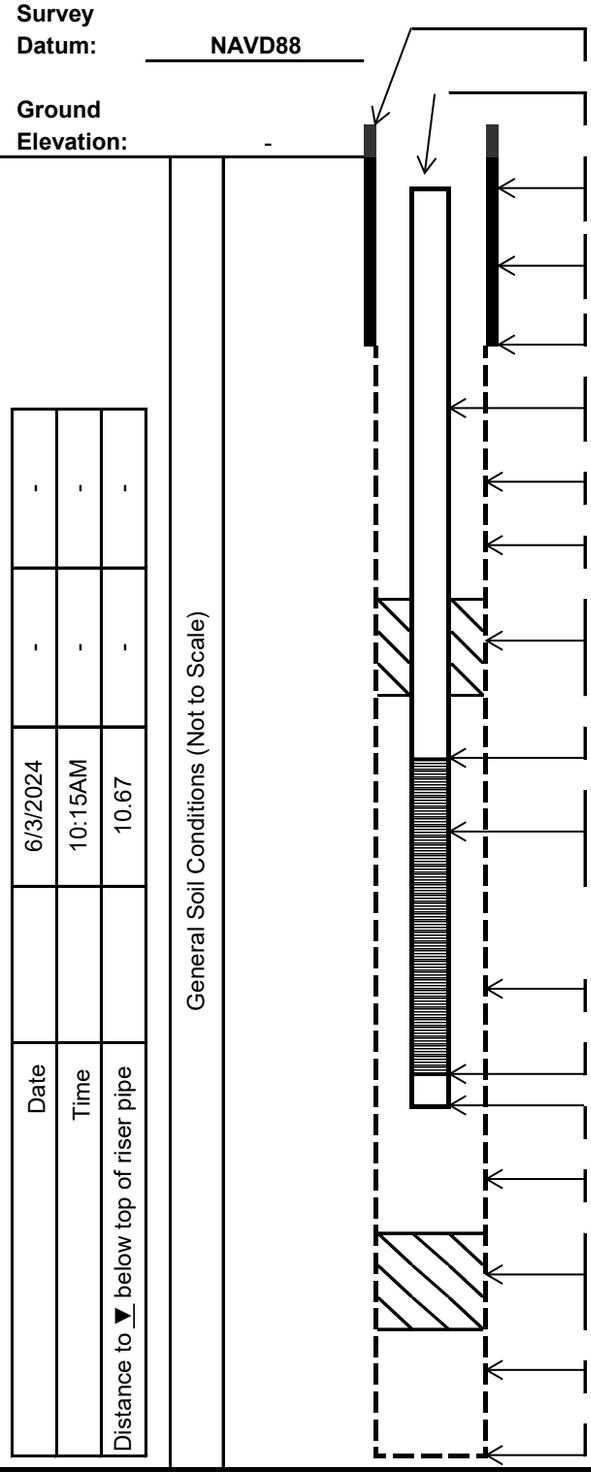
Groundwater Well Installation Log

RIMW-04

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	Sidewalk on Webster Avenue
Client	Mega Development		
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/18/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	10:15AM	10.67
-	-	-
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	-.25ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	4 in.
Type of Surface Casing	Flush-mount well
Depth Bottom of Surface Casing	0.7 ft
ID and OD of Riser Pipe	2 in. ID / 2.4 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	4.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.25 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	2 in. ID / 2.4 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.25 ft
Depth Bottom of Silt Trap	15.50 ft
Depth Bottom of Filter Material	16.00 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	16 ft

Notes:

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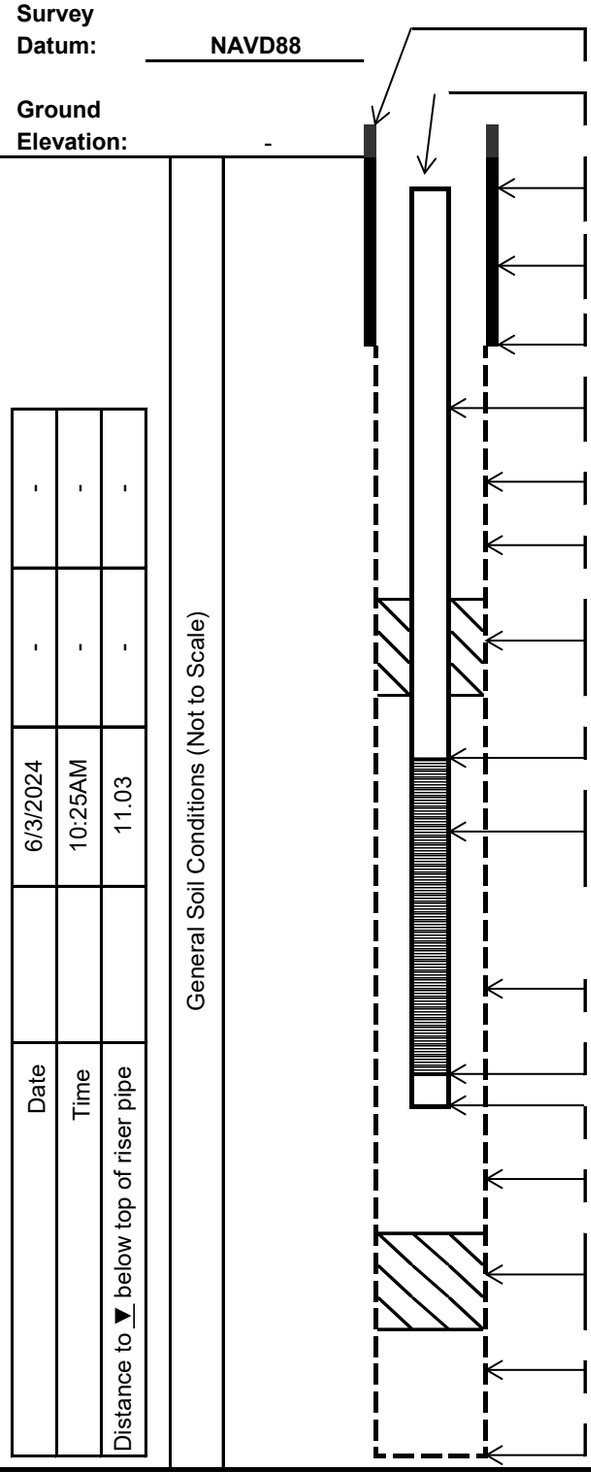
Groundwater Well Installation Log

RIMW-05

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	
Client	Mega Development		West Side of Interior Parking Area
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/26/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	10:25AM	11.03
-	-	-
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	0.0 ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	N/A
Type of Surface Casing	N/A
Depth Bottom of Surface Casing	N/A
ID and OD of Riser Pipe	1 in. ID / 1.3 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	2.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.00 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	1 in. ID / 1.3 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.00 ft
Depth Bottom of Silt Trap	15.25 ft
Depth Bottom of Filter Material	15.50 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	15.50 ft

Notes:

GEI Consultants

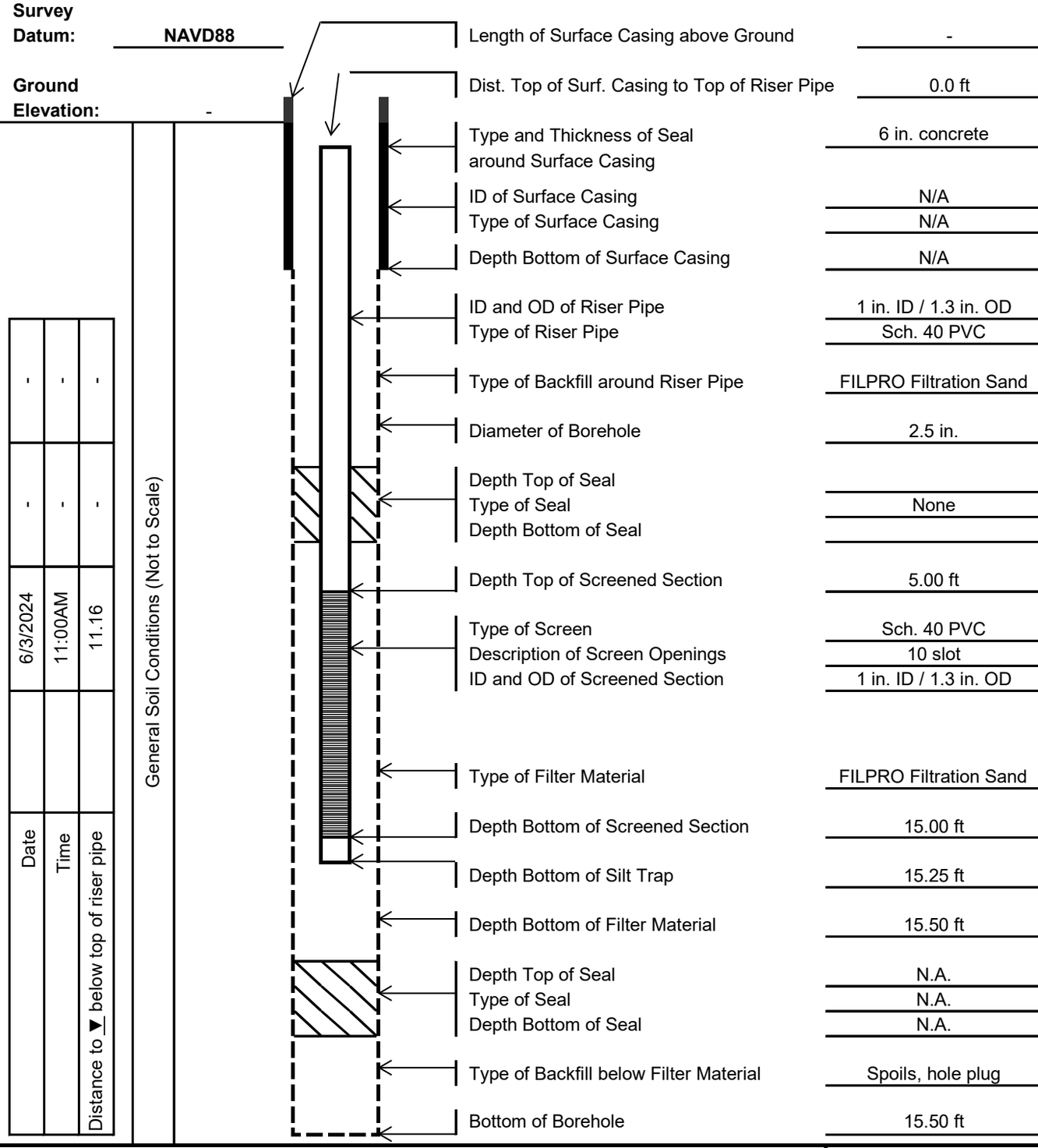
Groundwater Well Installation Log

RIMW-06

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	North Side of Auto Mechanic Shop
Client	Mega Development		
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/25/2024

Survey Datum: NAVD88

Ground Elevation: -



Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	0.0 ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	N/A
Type of Surface Casing	N/A
Depth Bottom of Surface Casing	N/A
ID and OD of Riser Pipe	1 in. ID / 1.3 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	2.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.00 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	1 in. ID / 1.3 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.00 ft
Depth Bottom of Silt Trap	15.25 ft
Depth Bottom of Filter Material	15.50 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	15.50 ft

Notes:

GEI Consultants

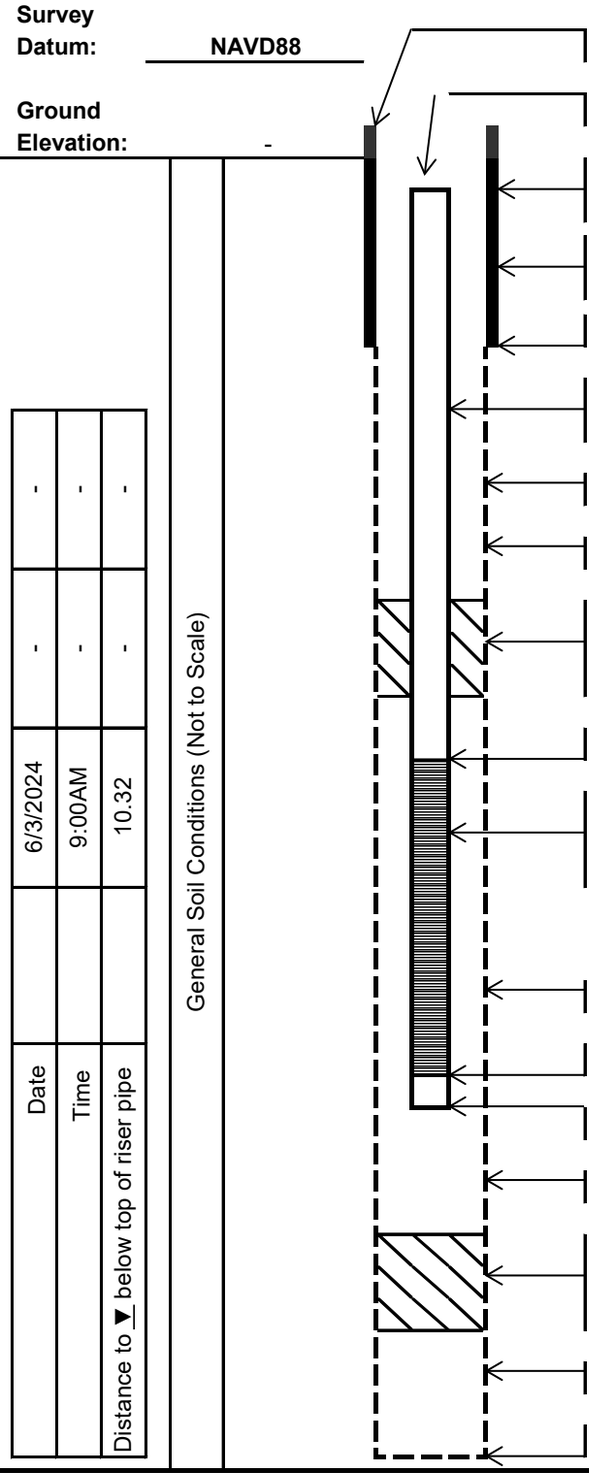
Groundwater Well Installation Log

RIMW-01

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	
Client	Mega Development		166th St Sidewalk
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/18/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	9:00AM	10.32
-	-	-
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	-.25ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	4 in.
Type of Surface Casing	Flush-mount well
Depth Bottom of Surface Casing	0.7 ft
ID and OD of Riser Pipe	2 in. ID / 2.4 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	4.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	2 in. ID / 2.4 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.00 ft
Depth Bottom of Silt Trap	15.25 ft
Depth Bottom of Filter Material	16.00 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	16 ft

Notes:

GEI Consultants

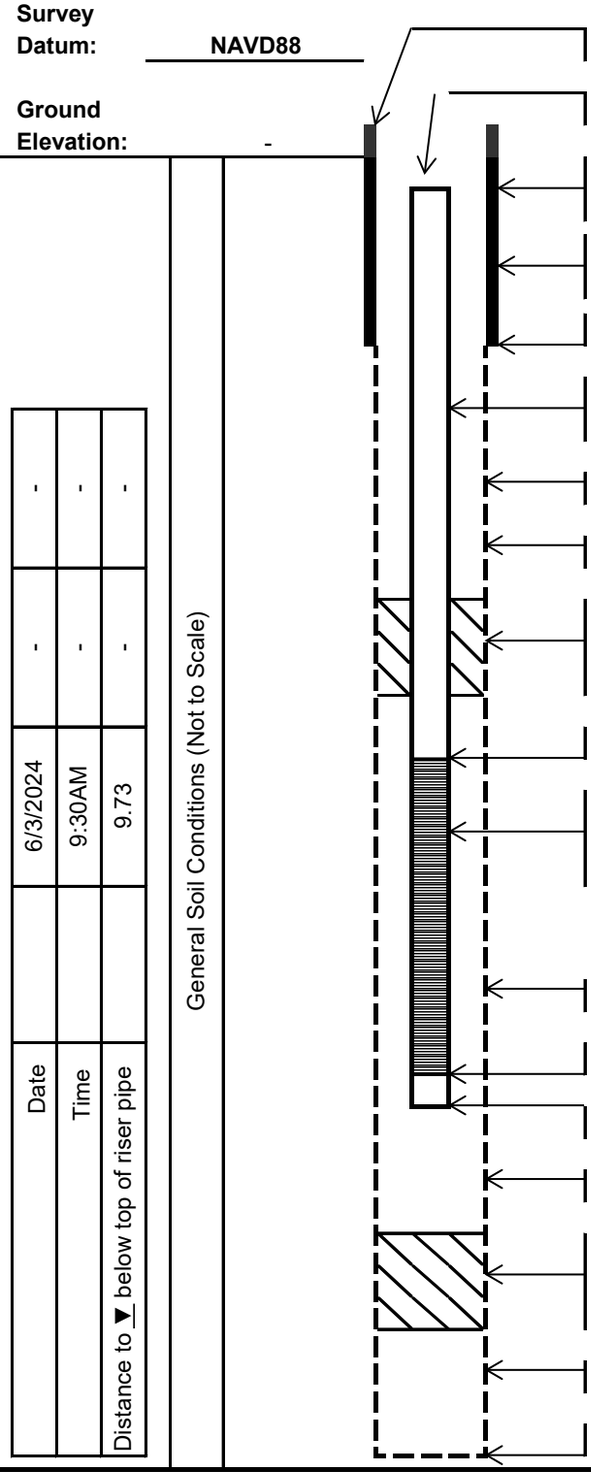
Groundwater Well Installation Log

RIMW-02

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	West Side of Exterior Parking Area
Client	Mega Development		
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/19/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	9:30AM	9.73
-	-	-
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	-.33ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	4 in.
Type of Surface Casing	Flush-mount well
Depth Bottom of Surface Casing	0.7 ft
ID and OD of Riser Pipe	2 in. ID / 2.4 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	4.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.25 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	2 in. ID / 2.4 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.25 ft
Depth Bottom of Silt Trap	15.50 ft
Depth Bottom of Filter Material	16.00 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	16 ft

Notes:

GEI Consultants

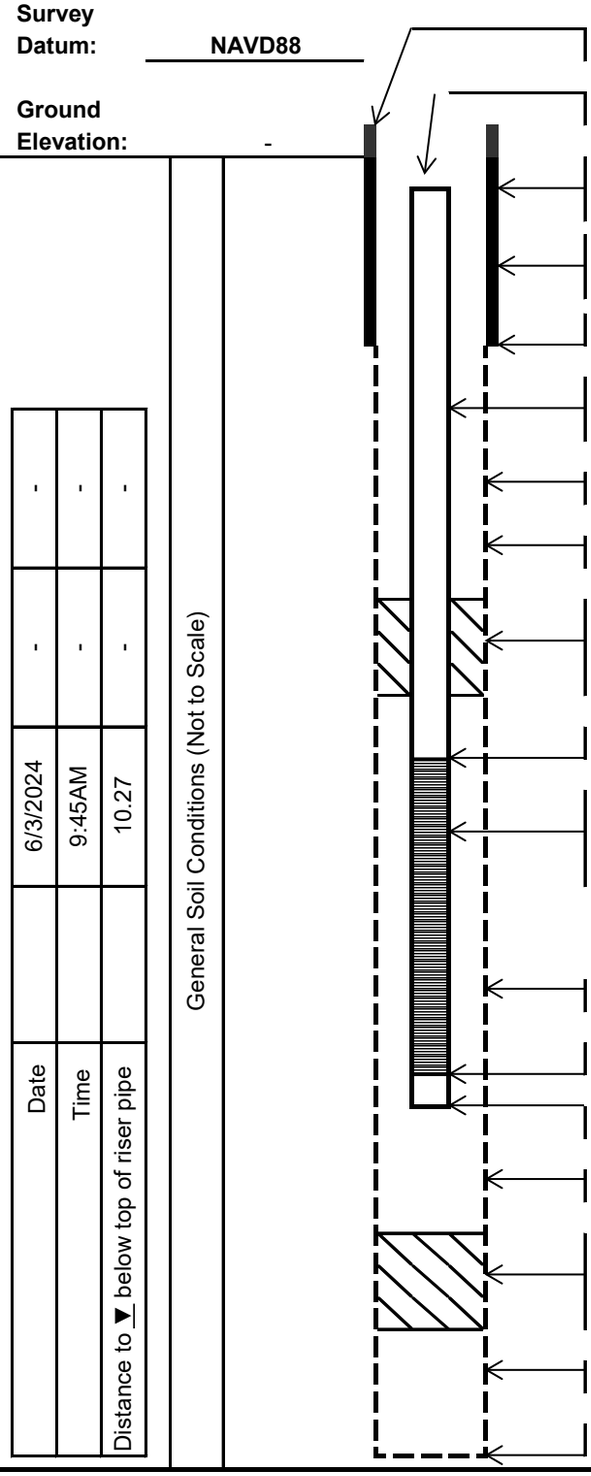
Groundwater Well Installation Log

RIMW-03

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	East Side of Exterior Parking Area
Client	Mega Development		
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/19/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	9:45AM	10.27
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	-.33ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	4 in.
Type of Surface Casing	Flush-mount well
Depth Bottom of Surface Casing	0.7 ft
ID and OD of Riser Pipe	2 in. ID / 2.4 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	4.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.25 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	2 in. ID / 2.4 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.25 ft
Depth Bottom of Silt Trap	15.50 ft
Depth Bottom of Filter Material	16.00 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	16 ft

Notes:

GEI Consultants

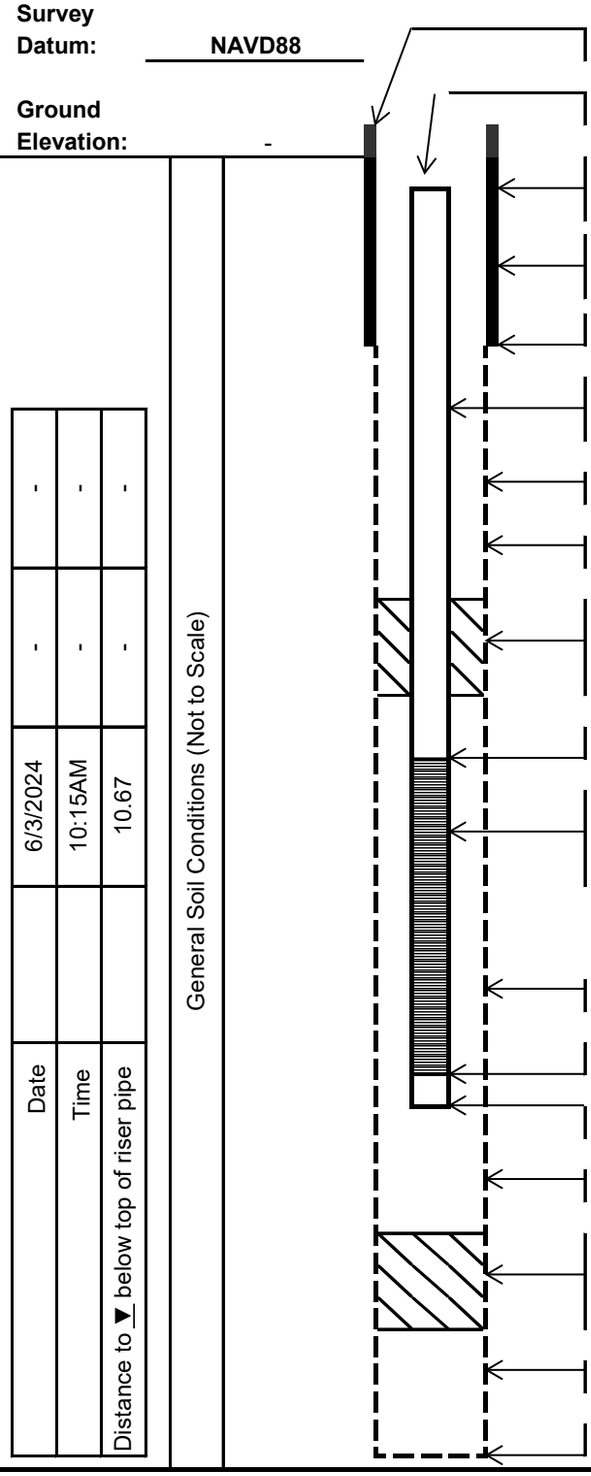
Groundwater Well Installation Log

RIMW-04

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	Sidewalk on Webster Avenue
Client	Mega Development		
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/18/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	10:15AM	10.67
-	-	-
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	-.25ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	4 in.
Type of Surface Casing	Flush-mount well
Depth Bottom of Surface Casing	0.7 ft
ID and OD of Riser Pipe	2 in. ID / 2.4 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	4.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.25 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	2 in. ID / 2.4 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.25 ft
Depth Bottom of Silt Trap	15.50 ft
Depth Bottom of Filter Material	16.00 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	16 ft

Notes:

GEI Consultants

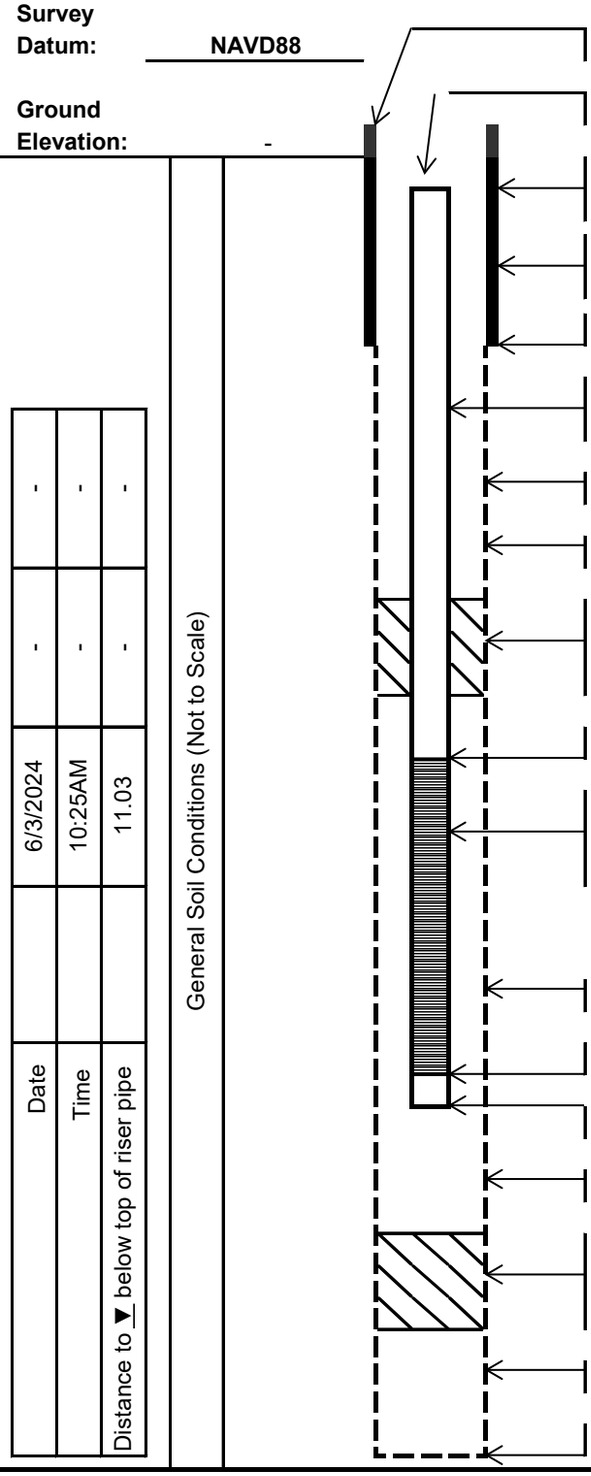
Groundwater Well Installation Log

RIMW-05

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	
Client	Mega Development		West Side of Interior Parking Area
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/26/2024

Survey Datum: NAVD88

Ground Elevation: -



Date	Time	Distance to ▼ below top of riser pipe
6/3/2024	10:25AM	11.03
-	-	-
-	-	-
-	-	-

Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	0.0 ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	N/A
Type of Surface Casing	N/A
Depth Bottom of Surface Casing	N/A
ID and OD of Riser Pipe	1 in. ID / 1.3 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	2.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.00 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	1 in. ID / 1.3 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.00 ft
Depth Bottom of Silt Trap	15.25 ft
Depth Bottom of Filter Material	15.50 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	15.50 ft

Notes:

GEI Consultants

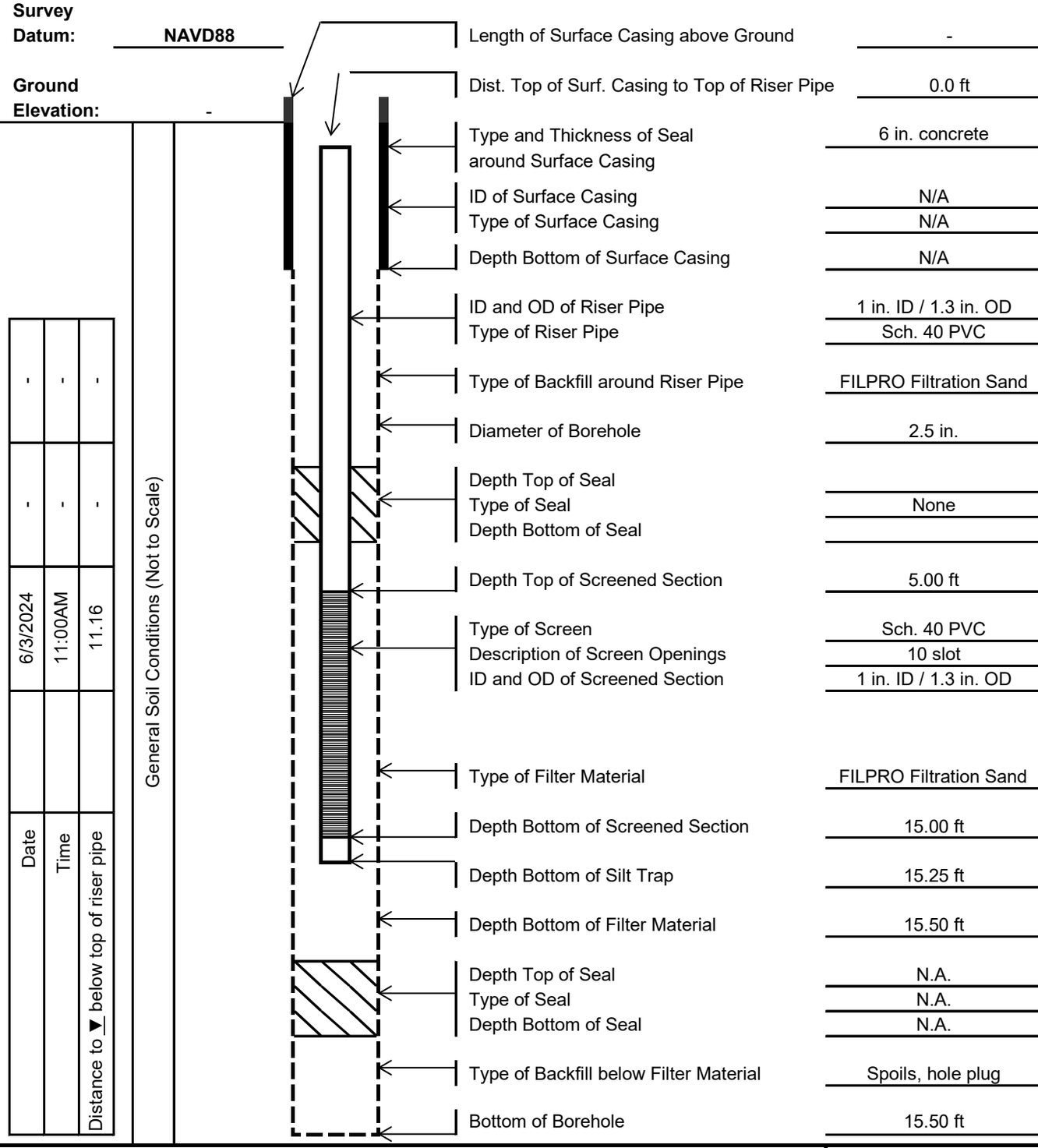
Groundwater Well Installation Log

RIMW-06

Project	1099 Webster Ave	**GEI Proj. No.**	2204147
City / Town	Bronx, NY	**Location**	North Side of Auto Mechanic Shop
Client	Mega Development		
Contractor	Coastal Environmental Solutions, Inc		
Driller	Marc Morgenstern **GEI Rep.** L. Robertson	**Install Date**	3/25/2024

Survey Datum: NAVD88

Ground Elevation: -



Length of Surface Casing above Ground	-
Dist. Top of Surf. Casing to Top of Riser Pipe	0.0 ft
Type and Thickness of Seal around Surface Casing	6 in. concrete
ID of Surface Casing	N/A
Type of Surface Casing	N/A
Depth Bottom of Surface Casing	N/A
ID and OD of Riser Pipe	1 in. ID / 1.3 in. OD
Type of Riser Pipe	Sch. 40 PVC
Type of Backfill around Riser Pipe	FILPRO Filtration Sand
Diameter of Borehole	2.5 in.
Depth Top of Seal	
Type of Seal	None
Depth Bottom of Seal	
Depth Top of Screened Section	5.00 ft
Type of Screen	Sch. 40 PVC
Description of Screen Openings	10 slot
ID and OD of Screened Section	1 in. ID / 1.3 in. OD
Type of Filter Material	FILPRO Filtration Sand
Depth Bottom of Screened Section	15.00 ft
Depth Bottom of Silt Trap	15.25 ft
Depth Bottom of Filter Material	15.50 ft
Depth Top of Seal	N.A.
Type of Seal	N.A.
Depth Bottom of Seal	N.A.
Type of Backfill below Filter Material	Spoils, hole plug
Bottom of Borehole	15.50 ft

Notes:

GEI Consultants

Appendix D

Previous Environmental Reports

environmental studies corporation

Environmental Studies Corporation, Inc.
55 Watermill Lane, Suite 200, Great Neck, NY 11021, Tel: 718.343.0026 Fax: 516.487.2439

Phase II Environmental Site Assessment

1099 – 1135 WEBSTER AVENUE
BRONX, NEW YORK
BLOCK 2426, LOT 25

PREPARED FOR:

SCHUR MANAGEMENT COMPANY, LTD
2432 GRAND CONCOURSE, 4th FLOOR
BRONX, N.Y. 10458

July 2018

environmental studies corporation

Environmental Studies Corporation, Inc.
55 Watermill Lane, Suite 200, Great Neck, NY 11021, Tel: 718.343.0026 Fax: 516.487.2439

TABLE OF CONTENTS

			Page
EXECUTIVE SUMMARY			**6**
1.	**INTRODUCTION**		**6**
	1.1	**Project Description**	**6**
	1.2	**Previous Investigation**	**6**
	1.3	**Health and Safety Plan (HASP)**	**7**
2.	**SCOPE OF WORK**		**8**
	2.1	**Geophysical Survey**	**8**
	2.2	**Soil Testing**	**9**
	2.3	**Groundwater Quality**	**9**
	2.4	**Soil Vapor Testing**	**10**
	2.5	**Field and Sampling Protocols**	**10**
		2.5.1 Decontamination Procedures	**10**
		2.5.2 Sampling Methodology	**11**
		2.5.3 Sample Custody	**11**
	2.6	**Laboratory Analysis**	**12**
3	**Findings**		**13**
4.	**4.1**	**Conclusions**	**16**
	4.2	**Recommendations**	**16**

FIGURES: **Figure 1: Sample Collection Locations**
Figure 2: Geophysical Survey Potential Underground Storage Tanks

TABLES: **Table 1: Soil Analytical Results Summary**
Table 2: Groundwater Results Summary
Table 3: Soil Vapor Sample Analytical Results Summary

APPENDIX: **A. Site Photographs**
B. Laboratory Data Analytical Reports
C. Soil Boring Report Logs

Executive Summary

The purpose of the following investigation is to determine current baseline environmental site conditions related to soil, ground water, and soil vapor quality relevant to applicable regulatory agency guidelines and standards and provide recommendations for remedial action for the new planned development.

The property is a rectangular shaped 36,840 square foot lot. The northern two-thirds contain a 1-story, masonry and wood frame garage building. The building is occupied by Five Star Automotive Machine Shop, Inc., SB Auto Dealer General Mechanic and Transmission Center, Carlos Pena Mechanica En General & Mufflers, and Webster Transmission Corp. There are two small partial basement areas below the building, both containing a small, out of service boiler. The southern third of the lot contains a parking lot Paradise Parking). Most of the surface is paved with concrete.

The subject building was constructed in the early 1920's. Identified historical site uses include auto repair garages, automotive machine shops, auto body repairs, a dairy, retail auto parts store, restaurants and retail stores. Circle Dyeing and Finishing Corp., the Gotham Dyeing and Finishing Corp. and Rome Knitting Mills were identified as former occupants. These operations may have involved the storage and use of hazardous substances and petroleum products. No information regarding the current environmental status of the subject property is known.

A Phase I Environmental Site Assessment was prepared by Environmental Studies Corporation (ESC) in January 2018. The assessment revealed the following Recognized Environmental Conditions (RECSs):

- The possible presence of ten or more petroleum underground storage tanks (USTs) that have not been closed or removed in accordance with New York City Fire Department and New York State Department of Environmental Conservation requirements.
- The potential for site contamination from past spills, leaks, or discharges of hazardous substances and/or petroleum products from leaking USTs, automotive machine repair and auto body operations.
- The potential for a vapor encroachment condition from past on-site auto-related operations, underground storage tanks, and potential off-site sources of contamination in the immediate vicinity of the property.
- The potential for ground water contamination in the immediate vicinity of the site from off-site sources such as USTs, industrial and manufacturing operations, auto repair operations and others.

A Phase 2 subsurface investigation work plan was developed based upon the property use current and historic uses and proposed new development plans. The scope of work was implemented to determine whether the subsurface soil, water and soil vapor quality conditions at the subject property. The scope of work included the following elements:

- Completed a geophysical investigation which included an electromagnetic survey and ground penetrating radar (GPR) survey.
- Performed thirteen (13) soil test borings (B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-7, B-8, B-9, B-9, B-10, B-11, B-12 and B-13) and collected two soil samples from each soil boring location a surface (0 - 2ft) and a deeper sample from a depth from (12 - 14ft) which is the depth of the proposed foundation excavation.
- Installed four (4) temporary groundwater monitoring wells (GW-1, GW-2, GW-3 and GW-4).
- Collected seven (7) soil vapor samples (SV-1, SV-2, SV-3, SV-4, SV-5, SV-6 and SV-7) at a depth of the proposed building foundation depth (12 – 14ft).

Investigation Findings

Soil Quality

The entire site is capped with concrete building foundation slabs and concrete pavement. Underlying the surface concrete pavement is urban fill disturbed soil and various fill materials such as red brick concrete, and stone fragments was found intermixed with fine to coarse sand and gravel throughout the property to an average depth of 4 to 6 and feet. In areas of potential USTs the fill is anticipated to extend to lower elevations. Below this fill layer is loose fine to medium sand and silt with trace to some fine to course gravel. In northern portions of the property petroleum type odors were observed in the several soil samples at depth of 10 feet and at the elevation of the ground water found at 14 feet below surface grade elevation.

Based on observations noted in the field (visual, olfactory and PID readings), Nuisance characteristic (odors, visual observation and PID) petroleum or chemical type impacts at the site were identified in eight of the thirteen soil sampling locations notably in the northern section of the property.

- No Volatile organic compounds (VOCs) were identified above laboratory detection limitations or the SCOs in the soil samples collected onsite except Acetone (0.14 ug/mg) which is considered a laboratory relic.
- The following Semi-volatile organic PAH compound (SVOCs) were found above the SCO's: Benzo(a)anthracene (7.79 mg/kg maximum), Benzo(a)pyrene (6.63

mg/kg maximum), Benzo(b) flouranthene (6.63 mg/kg maximum), Benzo(k) flouranthene (5.62 mg/kg maximum), Chrysene (6.72 mg/kg), Dibenzo(a,h) anthracene (1.56 mg/kg maximum), Ideno(123-cd) pyrene (4.17 mg/kg maximum).

- The following Pesticides were identified above laboratory detection limitations and the SCOs: 4, 4-DDT (0.00613 ug/kg maximum).
- No Polyvinyl Chlorinated Bi-phenols (PCBs) were identified above laboratory detection limitations or the SCOs in the soil samples collected onsite.
- Total metals exceeding the SCOs included Arsenic (113 mg/kg maximum), Lead (156 mg/kg maximum) and Zinc (200 mg/kg maximum).

Groundwater Quality

No evidence for petroleum free product was observed in the four monitoring wells installed. The analytical results were compared to the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA Groundwater.

- No volatile organic compounds (VOCs) were found above the NYSDEC Ambient water quality (AWQS) T.O.G.S 1.1.1 standards.
- Semi-volatile organic compounds (SVOCs) Benzo(a)pyrene (0.295 ug/L maximum), Benzo(a)pyrene (0.411 ug/L maximum), Benzo(b) flouranthene (2.95 ug/L maximum), Benzo(k) flouranthene (0.337 ug/L maximum) and Chrysene (0.263 ug/L) were identified above laboratory detection limitations or the AWQS.
- Total Polyvinyl Chlorinated Bi-phenols (PCBs) were found (7.76 ug/L maximum) and the pesticide Chlordane (0.0682 ug/L maximum) was identified above laboratory detection limitations and the AWQS.
- Total metals Arsenic (35.4 ug/L maximum), Barium (3,660 ug/L maximum), Chromium (688 ug/L maximum), Copper (574 ug/L maximum), Lead (805 ug/L maximum), Magnesium (395,000 ug/L maximum), Manganese (25,900 ug/L maximum), Nickel (465 ug/L maximum), Selenium (42.8 ug/L) and Sodium (134,000 ug/L maximum) and dissolved metals Manganese (1,020 ug/L maximum), Selenium (39.5 ug/L maximum) and Sodium (109,000 ug/L maximum) were identified above laboratory detection limitations or the AWQS.

Soil Vapor Quality

Soil vapor sampling was performed throughout the property to measure potential soil vapor encroachment conditions for the new building foundation. All samples were analyzed for VOCs using EPA Method TO-15.

The following compounds were found above laboratory method detection limitations in soil vapor samples collected: 1,1,1-Tetrachloroethane (4.8 ug/m3 maximum), 1,2,4 Trimethylbenzene (260 ug/m3 maximum), 1,3,5 Trimethylbenzene (60 ug/m3 maximum), 2-Butanone (2,100 ug/m3 maximum), 4-Methyl-2 Pentanone (94 ug/m3 maximum), Acetone (710 ug/m3 maximum), Benzene (73 ug/m3 maximum), Carbon Tetrachloride (0.67 ug/m3 maximum), Chloroform (7.4 ug/m3 maximum), Chloromethane (4.4 ug/m3 maximum), cis-1,2-Dichloroethylene (0.5 ug/m3), Cyclohexane (59 ug/m3 maximum), Dichlorodifluoromethane (3.7 ug/m3),), Ethyl Benzene (140 ug/m3 maximum), Methyl Methacrylate (22 ug/m3 maximum), Methylene Chloride (4.5 ug/m3 maximum), n-heptane (210 ug/m3 maximum), n-hexane (130 ug/m3 maximum), o-xylene (290 ug/m3 maximum), m&p Xylene (680 ug/m3 maximum), Tetrachloroethlene (1,200 ug/m3 maximum), Toluene (340 ug/m3 maximum), Trichloroethylene (390 ug/m3 maximum), and Trichlorofluoromethane (1.5 ug/m3 maximum).

Conclusions

Several roof top vents and surface fill-port remnants are located in the central and northern portions of the building and surface remote fillports remnants were identified in the building and concrete pavement of the south parking lot area. The geophysical survey was concentrated in these areas. The results of the survey indicated evidence of underground anomalies indicative of up to ten (10) underground storage tanks (USTs). None of these USTs are currently being used. It is likely these USTs historically stored gasoline, diesel and fuel oil used for vehicle fuel operations and on-site heating. No information regarding if these UST's currently contain product or have been abandoned is available.

The results of this subsurface investigation have found urban fill soil with semi-volatile Poly Aromatic Hydrocarbon (PAH) chemical compounds and total metals typically found in urban fill soils around the New York Metropolitan area. In addition and based on observations noted in the field (visual, olfactory and PID readings), nuisance characteristic (odors, visual observation and PID) petroleum or chemical type impacts at the site were identified in eight of the thirteen soil sampling locations. Laboratory results of soil collected from these areas did not detect elevated VOC's or SVOC's indicative of significant petroleum contamination above NYSDEC Part 375 unrestricted soil cleanup levels. The field observations made is potentially remnant petroleum contamination which is likely highly weathered and deteriorated. No free petroleum products were identified in ground in any of the four monitoring wells installed onsite.

Results of the soil vapor investigation identified volatile organic compounds (VOCs) above laboratory method detection limits. These VOC's are likely resulting from urban fill materials and potential petroleum impacted soils in onsite or adjacent and neighboring sites.

Recommendations

The USTs discovered on site should be registered and properly closed in accordance with NYSDEC Petroleum Bulk Storage Regulations. Under these regulations all petroleum products must be removed, the USTs cleaned out and properly abandoned or removed.

There are no recommendations for additional testing or remedial action being made at this time. Any soils exported offsite during construction of the new building foundation should be disposed in accordance with New York State Department of Environmental Conservation (NYSDEC) regulations. If contaminated soils are discovered a spill incident report must be reported to the NYSDEC.

1. Introduction

1.1 Property Description

The property is a rectangular shaped 36,840 square foot lot. The northern two-thirds contain a 1-story, masonry and wood frame garage building. The building is occupied by Five Star Automotive Machine Shop, Inc., SB Auto Dealer General Mechanic and Transmission Center, Carlos Pena Mechanica En General & Mufflers, and Webster Transmission Corp. There are two small partial basement areas below the building, both containing a small, out of service boiler. The southern third of the lot contains a parking lot Paradise Parking). Most of the surface is paved with concrete.

The subject building was constructed in the early 1920's. The subject building once occupied the entire lot. The southern one-third of the building was destroyed by fire and demolished in the late 1990's and has been used as a parking lot since. Identified historical site uses include auto repair garages, automotive machine shops, auto body repairs, a dairy, retail auto parts store, restaurants and retail stores. Circle Dyeing and Finishing Corp., the Gotham Dyeing and Finishing Corp. and Rome Knitting Mills were identified as former owners. These operations may have involved the storage and use of hazardous substances and petroleum products. No information regarding the current environmental status of the subject property is known.

The purpose of this Phase 2 investigation was to establish existing soil, soil vapor and ground water quality conditions and a comparison to relevant regulatory agency and standard practice guidelines and standards.

1.1 Previous Investigation

A Phase I Environmental Site Assessment was prepared by Environmental Studies Corporation (ESC) in January 2018. The assessment revealed the following Recognized Environmental Conditions (RECSs):

- The possible presence of ten or more petroleum underground storage tanks (USTs) that have not been closed or removed in accordance with New York City Fire Department and New York State Department of Environmental Conservation requirements.

- The potential for site contamination from past spills, leaks, or discharges of hazardous substances and/or petroleum products from leaking USTs, automotive machine repair and auto body operations.
- The potential for a vapor encroachment condition from past on-site auto-related operations, underground storage tanks, and potential off-site sources of contamination in the immediate vicinity of the property.
- The potential for ground water contamination in the immediate vicinity of the site from off-site sources such as USTs, industrial and manufacturing operations, auto repair operations and others.

1.3 Health and Safety Plan (HASP)

ESC prepared a site specific Health and Safety Plan for this Phase II Environmental Subsurface Investigation. A copy of the HASP was present during the investigation. The HASP assigned responsibilities, established personal protection standards, recommended operating procedures, and provided for contingencies that may arose during performance of the assessment at the site. The protocols in the HASP apply to all personnel involved in the work activities, all outside subcontractors, client, or regulatory agencies present during the performance of the work.

2. Scope of Work

A subsurface investigation work plan was developed. The scope of work was implemented to determine whether the subsurface soil, water and soil vapor quality conditions at the subject property. The scope of work included the following elements:

- Completed a geophysical investigation which included an electromagnetic survey and ground penetrating radar (GPR) survey.
- Performed thirteen (13) soil test borings (B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-7, B-8, B-9, B-9, B-10, B-11, B-12 and B-13) and collected two soil samples from each soil boring location a surface (0 - 2ft) and a deeper sample from a depth from (12 - 14ft) which is the depth of the proposed foundation excavation.
- Installed four (4) temporary groundwater monitoring wells (GW-1, GW-2, GW-3 and GW-4).
- Collected seven (7) soil vapor samples (SV-1, SV-2, SV-3, SV-4, SV-5, SV-6 and SV-7) at a depth of the proposed building foundation depth (12 – 14ft).
- Prepared a written comprehensive report of findings.

The soil, ground water and soil vapor sample collection locations are shown on **Figure 1.** The geophysical survey results showing locations of potential UST's is presented in **Figure 2**.

Photographs taken during the implementation of the scope of work are included as **Appendix A**.

2.1 Geophysical Survey

An Electromagnetic (EM) Magnetometer survey was conducted in an attempt to identify any possible unknown magnetic anomalies such as underground storage tanks (USTs) on the site. ESC used a Fisher TW-6 magnetometer in the inductive phase mode over the property accessible areas in an overlapping grid pattern. Several roof top vents and surface remote fillports remnants were identified. The survey was concentrated in these areas. The results of the survey indicated evidence of magnetic anomalies indicative of up to ten (10) underground storage tanks (UST) warranting further investigation.

2.2 Soil Testing

A total of thirteen soil test borings (B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-7, B-8, B-9, B-9, B-10, B-11, B-12 and B-13) were conducted on the subject property using a Geoprobe direct-push drilling rig. A total of twenty six soil samples were collected from the borings and sent to the laboratory for analysis. Two soil samples were collected from each soil boring location. One soil sample was collected from the surface at a depth of 0 to 2 feet, and another deeper soil sample was collected at a depth of 12 - 14 feet below surface grade elevation. Bedrock was not encountered at the depths of these soil borings up to 20 feet. Ground water is present at a depth of 14 feet below surface grade elevation.

Table 1 shows a summary of the analytical laboratory results and a comparison to NYSDEC Part 375 Soil Cleanup Objectives (SCOs). **Figure 1** shows the location of the soil borings performed on the subject property. The soil boring log reports which show the field observations found at each sample collection location are presented in **Appendix C.**

The soil was characterized and logged for potential impacts (e.g., odor, staining, anthropogenic materials and other observations) and screened for volatile organic vapors with a photoionization detector (PID). All soil samples were analyzed for the following parameters:

- Volatile Organic Compounds (VOCs) by United Stated Environmental Protection Agency (USEPA) Method 8260
- Semi-Volatile Organic Compounds by USEPA Method 8270 BN
- Pesticides/Polychlorinated Biphenyls (PCBs) using USEPA Method 8081/8082
- Target Analyte List (TAL) Metals

2.3 Groundwater Quality

The boreholes were drilled into soil using the Geoprobe direct push method. Four (4) temporary groundwater monitoring wells (GW-1, GW-2, GW-3 and GW-4) constructed of one-inch slotted PVC, (0.20 slot) schedule 40 PVC screen and riser pipe were installed in order to evaluate the groundwater quality underlying the site (see **Figure 1**). Groundwater was encountered at a depth of 14 feet below surface grade elevation. The monitoring wells were removed and the boreholes properly abandoned with cement and bentonite mix after samples were collected. **Table 2** shows a summary of the analytical laboratory results and a comparison to NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA Groundwater.

2.4 Soil Vapor Testing

Soil vapor probes (SV-1, SV-2, SV-3, SV-4, SV-5, SV-6 and SV-7) were installed ranging in depth from 12 to 14 feet. Soil vapor samples were collected via dedicated polyethylene tubing and Summa Canisters, tested for VOCs using USEPA TO-15 method parameters. Locations of soil vapor samples are indicated on **Figure 1. Table 3** shows a summary of the analytical laboratory results.

The soil vapor point was installed using 1-inch diameter steel drill rods advanced using Geoprobe direct-push drilling methods. The soil vapor probe consisted of a prefabricated 2-3 inch perforated steel vapor probe tip attached to 3/8-inch diameter low-density polyethylene (LDPE) plastic riser tubing. Once driven to depth, the rods were removed leaving only the tip and the tubing. The vapor probe boreholes were backfilled with #2 morie well grade gravel. A surface seal was placed using an impermeable clay seal installed within the last six inches of the probe-hole annulus from surface grade level. The vapor wells were measured and purged using a Photoionization Detector (PID) prior to sampling. The soil vapor probe samples were connected for sampling to 6-liter Summa Canisters set to collect for a two-hour time period. Helium tracer gas was used before sampling and after the sampling event to confirm a proper surface seal of the vapor probes.

2.5 Field and Sampling Protocols

The field sampling techniques employed at the subject property were detailed in the work plan. All efforts were made to eliminate possible sample contamination and maximize the reliability of the analytical results. These efforts included proper use and cleaning of sampling equipment and sample containers to eliminate sample contamination; the use of standardized sampling procedures including decontamination of equipment; and use of chain-of-custody procedures to track the samples from source to analysis and minimize the opportunity for tampering.

2.5.1 Decontamination Procedures

2.5.1.1 Sampling Equipment

All re-usable sampling equipment used for laboratory sample collection underwent a thorough decontamination process. Disposable equipment was used whenever possible. The following steps outline the field decontamination procedures: Non-phosphate soap and tap water wash, Tap water rinse, Dilute nitric acid rinse (for samples to be analyzed for metals), Tap water rinse. Methanol rinse, and a final distilled water rinse.

2.5.2 Sampling Methodology

All sample collection activities were conducted so as to obtain reliable information regarding subsurface conditions. Following sample collection, soil and groundwater sampling jars were immediately placed in a cooler and kept at 4°C until arrival at the laboratory.

2.5.3 Sample Custody

The purpose of monitoring the chain-of-custody of a sample is to ensure that proper sample handling requirements have been met for representative samples prior to their analysis, and to document the record of custody from the moment of sample collection to analysis and sample disposal. The handling requirements, as set forth by New York State Department of Environmental Conservation (NYSDEC) and United State Environmental Protection Agency (USEPA) guidelines, such as sample preservation techniques and sample holding times.

As per the requirements of the Environmental Laboratory Approval Program (ELAP) certified laboratory and the NYSDEC, a Chain-of-Custody Record was maintained and accompanied the laboratory shuttle from the moment of the container dedication until the time of the corresponding analyses. A laboratory delivery of a sample container shuttle to the sampler, therefore, requires that a Chain-of-Custody Record is initiated by the authorized laboratory representative relinquishing the shuttle, and the time and date of the transfer documented. The record of this transfer is proof that the containers, which were used for sample storage, have been dedicated by the laboratory prior to their delivery, and in accordance with the quality controls governing the analyses of the collected samples.

After their collection and storage, the necessary field notes were recorded in the Chain-of Custody and were properly preserved in the shuttle until their transfer to the laboratory for analysis. The transfer was accompanied by the same Chain-of-Custody Record, which was completed to identify the sample numbers, quantities, and physical description of the samples, and the particular analyses requested. The name of the sampler who relinquished the shuttle, the time and date of the transfer, and the laboratory representative assuming responsibility for transporting the shuttle to the laboratory inspected the samples to document sample preservation, noted any discrepancies between the samples and chain-of-custody, and assigned a laboratory identification number and logged the laboratory number into the sample inventory system.

2.6 Laboratory Analysis

York Analytical Laboratories, Inc. (National Environmental Laboratory Accreditation Program [NELAP] Approved NY Lic. #10854), a New York State Department of Health (NYSDOH) approved laboratory was used for all analysis. The laboratory operates a quality assurance and quality control (QA/QC) program that consists of proper laboratory practices including the required chain-of-custody, an internal quality control program, and external quality control audits by New York State.

Laboratory QA/QC procedures include:

- Verification and/or validation of equipment according to National Institute of Standards and Technology (NIST).
- Regular calibrations and use of reference standards on instruments used for sample analysis.
- Adherence to sample acceptance policy; meaning, samples will not be analyzed if any of the following are encountered: damaged or leaking samples or samples improperly preserved (i.e., no preservative in sample if necessary and/or samples not kept at proper temperature if analysis requires).
- Prior to analysis, samples are to be stored according to SOPs.
- Analysis of quality control samples including: laboratory control blanks, matrix spikes, method blanks and laboratory duplicate samples.

3. Findings

York Analytical Laboratories, Inc. prepared the results of analytical samples. The results can be found in the following tables:

Table 1 Soil Analytical Summary - presents the VOC, SVOC, Pesticide/PCB, and metals results for all soil samples collected and analyzed.

Table 2 Soil Vapor Analytical Summary - presents the VOC results for all the soil vapor and ambient air samples collected and analyzed.

The chain-of-custody records, as well as the analytical laboratory data sheets, are presented in **Appendix B** to this report.

Soil Quality Conditions

The entire site is capped with concrete building foundation slabs and concrete pavement. Underlying the surface concrete pavement is urban fill disturbed soil and various fill materials such as red brick concrete, and stone fragments was found intermixed with fine to coarse sand and gravel throughout the property to an average depth of 4 to 6 and feet. In areas of potential USTs the fill is anticipated to extend to lower elevations. Below this fill layer is loose fine to medium sand and silt with trace to some fine to course gravel. In northern portions of the property petroleum type odors were observed in the several soil samples at depth of 10 feet and at the elevation of the ground water found at 14 feet below surface grade elevation. The soil boring log reports which show the field observations found at each sample collection location are presented in **Appendix C**.

Based on observations noted in the field (visual, olfactory and PID readings), Nuisance characteristic (odors, visual observation and PID) petroleum or chemical type impacts at the site were identified in eight of the thirteen soil sampling locations.

Laboratory analytical results for the soil samples are shown on **Table 1**. The samples were compared to NYSDEC Soil Cleanup Objectives (SCOs) 6 NYCRR Subpart 375-6.8 (a): Unrestricted Use SCOs.

- No Volatile organic compounds (VOCs) were identified above laboratory detection limitations or the SCOs in the soil samples collected onsite except Acetone (0.14 ug/mg) which is considered a laboratory relic.

- The following Semi-volatile organic PAH compound (SVOCs) were found above the SCO's: Benzo(a)anthracene (7.79 mg/kg maximum), Benzo(a)pyrene (6.63 mg/kg maximum), Benzo(b) flouranthene (6.63 mg/kg maximum), Benzo(k) flouranthene (5.62 mg/kg maximum), Chrysene (6.72 mg/kg), Dibenzo(a,h) anthracene (1.56 mg/kg maximum), Ideno(123-cd) pyrene (4.17 mg/kg maximum).
- The following Pesticides were identified above laboratory detection limitations and the SCOs: 4, 4-DDT (0.00613 ug/kg maximum).

- No Polyvinyl Chlorinated Bi-phenols (PCBs) were identified above laboratory detection limitations or the SCOs in the soil samples collected onsite.

- Total metals exceeding the SCOs included Arsenic (113 mg/kg maximum), Lead (156 mg/kg maximum) and Zinc (200 mg/kg maximum).

Groundwater

No evidence for petroleum free product was observed in the four monitoring wells installed Laboratory analytical results for groundwater samples GW-1, GW-2, GW-3 and GW-4 is shown in **Table 2**. The analytical results were compared to the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA Groundwater.

- No volatile organic compounds (VOCs) were found above the NYSDEC Ambient water quality (AWQS) T.O.G.S 1.1.1 standards.
- Semi-volatile organic compounds (SVOCs) Benzo(a)pyrene (0.295 ug/L maximum), Benzo(a)pyrene (0.411 ug/L maximum), Benzo(b) flouranthene (2.95 ug/L maximum), Benzo(k) flouranthene (0.337 ug/L maximum) and Chrysene (0.263 ug/L) were identified above laboratory detection limitations or the AWQS.
- Total Polyvinyl Chlorinated Bi-phenols (PCBs) were found (7.76 ug/L maximum) and the pesticide Chlordane (0.0682 ug/L maximum) was identified above laboratory detection limitations and the AWQS.
- Total metals Arsenic (35.4 ug/L maximum), Barium (3,660 ug/L maximum), Chromium (688 ug/L maximum), Copper (574 ug/L maximum), Lead (805 ug/L maximum), Magnesium (395,000 ug/L maximum), Manganese (25,900 ug/L maximum), Nickel (465 ug/L maximum), Selenium (42.8 ug/L) and Sodium (134,000 ug/L maximum) and dissolved metals Manganese (1,020 ug/L maximum), Selenium (39.5 ug/L maximum) and Sodium (109,000 ug/L maximum) were identified above laboratory detection limitations or the AWQS.

Soil Vapor Sampling

Laboratory analytical results for the soil vapor are shown in **Table 2**. All samples were analyzed for VOCs using EPA Method TO-15.

The following compounds were found above laboratory method detection limitations in soil vapor samples collected: 1,1,1-Tetrachloroethane (4.8 ug/m3 maximum), 1,2,4 Trimethylbenzene (260 ug/m3 maximum), 1,3,5 Trimethylbenzene (60 ug/m3 maximum), 2-Butanone (2,100 ug/m3 maximum), 4-Methyl-2 Pentanone (94 ug/m3 maximum), Acetone (710 ug/m3 maximum), Benzene (73 ug/m3 maximum), Carbon Tetrachloride (0.67 ug/m3 maximum), Chloroform (7.4 ug/m3 maximum), Chloromethane (4.4 ug/m3 maximum), cis-1,2-Dichloroethylene (0.5 ug/m3), Cyclohexane (59 ug/m3 maximum), Dichlorodifluoromethane (3.7 ug/m3),), Ethyl Benzene (140 ug/m3 maximum), Methyl Methacrylate (22 ug/m3 maximum), Methylene Chloride (4.5 ug/m3 maximum), n-heptane (210 ug/m3 maximum), n-hexane (130 ug/m3 maximum), o-xylene (290 ug/m3 maximum), m&p Xylene (680 ug/m3 maximum), Tetrachloroethlene (1,200 ug/m3 maximum), Toluene (340 ug/m3 maximum), Trichloroethylene (390 ug/m3 maximum), and Trichlorofluoromethane (1.5 ug/m3 maximum).

4. Conclusions and Recommendations

4.1 Conclusions

Several roof top vents and surface fill-port remnants were found in the central and northern portions of the building and surface remote fillports remnants were identified in the concrete pavement of the south parking lot area. The geophysical survey was concentrated in these areas. The results of the survey indicated evidence of underground anomalies indicative of up to ten (10) underground storage tanks (UST). It is likely these USTs stored gasoline, diesel and fuel oil. No information regarding if these UST's contained product or have been abandoned was made.

The results of this subsurface investigation have found urban fill soil with semi-volatile PAH chemical compounds and total metals typically found in urban fill soils around the New York Metropolitan area. In addition and based on observations noted in the field (visual, olfactory and PID readings), nuisance characteristic (odors, visual observation and PID) petroleum or chemical type impacts at the site were identified in eight of the thirteen soil sampling locations. Laboratory results of soil collected from these areas did not detect elevated VOC's or SVOC's indicative of significant petroleum contamination above NYSDEC Part 375 unrestricted soil cleanup levels. The field observations made is potentially remnant petroleum contamination which is likely highly weathered and deteriorated.

Results of the soil vapor investigation identified volatile organic compounds (VOCs) above laboratory method detection limits. These VOC's are likely resulting from urban fill materials and potential petroleum impacted soils in onsite or adjacent and neighboring sites.

4.2 Recommendations

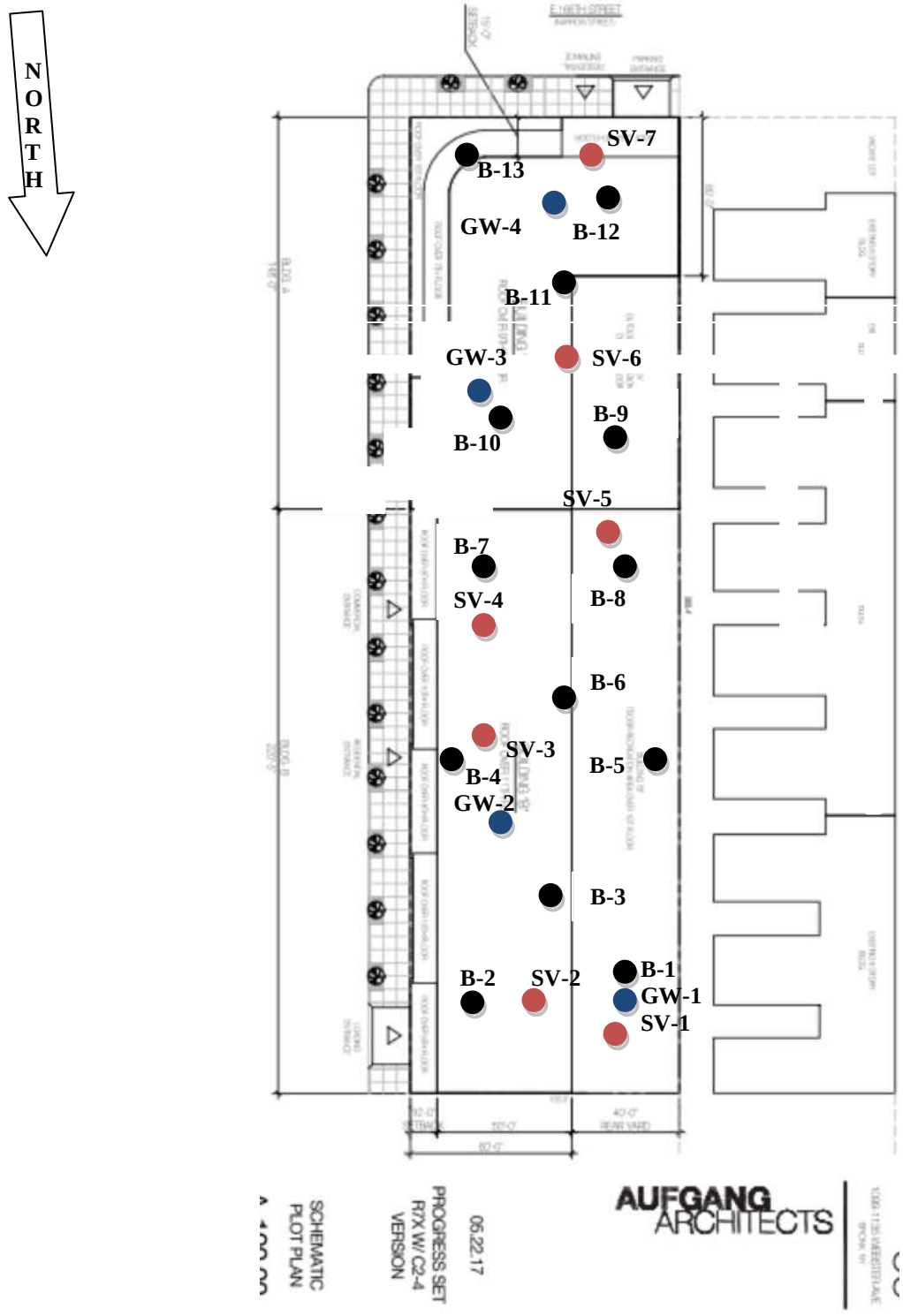
The USTs discovered on site should be registered and properly closed in accordance with NYSDEC Petroleum Bulk Storage Regulations. Under these regulations all petroleum products must be removed, the USTs cleaned out and properly abandoned or removed.

There are no recommendations for additional testing or remedial action being made at this time. Any soils exported offsite during construction of the new building foundation should be disposed in accordance with New York State Department of Environmental Conservation (NYSDEC) regulations. If contaminated soils are discovered a spill incident report must be reported to the NYSDEC.

The new building construction should have an engineered vapor barrier with a minimum thickness of 20 mils under the foundation slab and the basement in order to prevent any potential vapor migration into the building structure.

A Remedial Action Plan (RAP) detailing the installation of a vapor barrier and a Construction Health and Safety Plan (CHASP) should be written describing the means and methods for the vapor barrier installation, removal of the USTs and excavation and disposal of impacted soils.

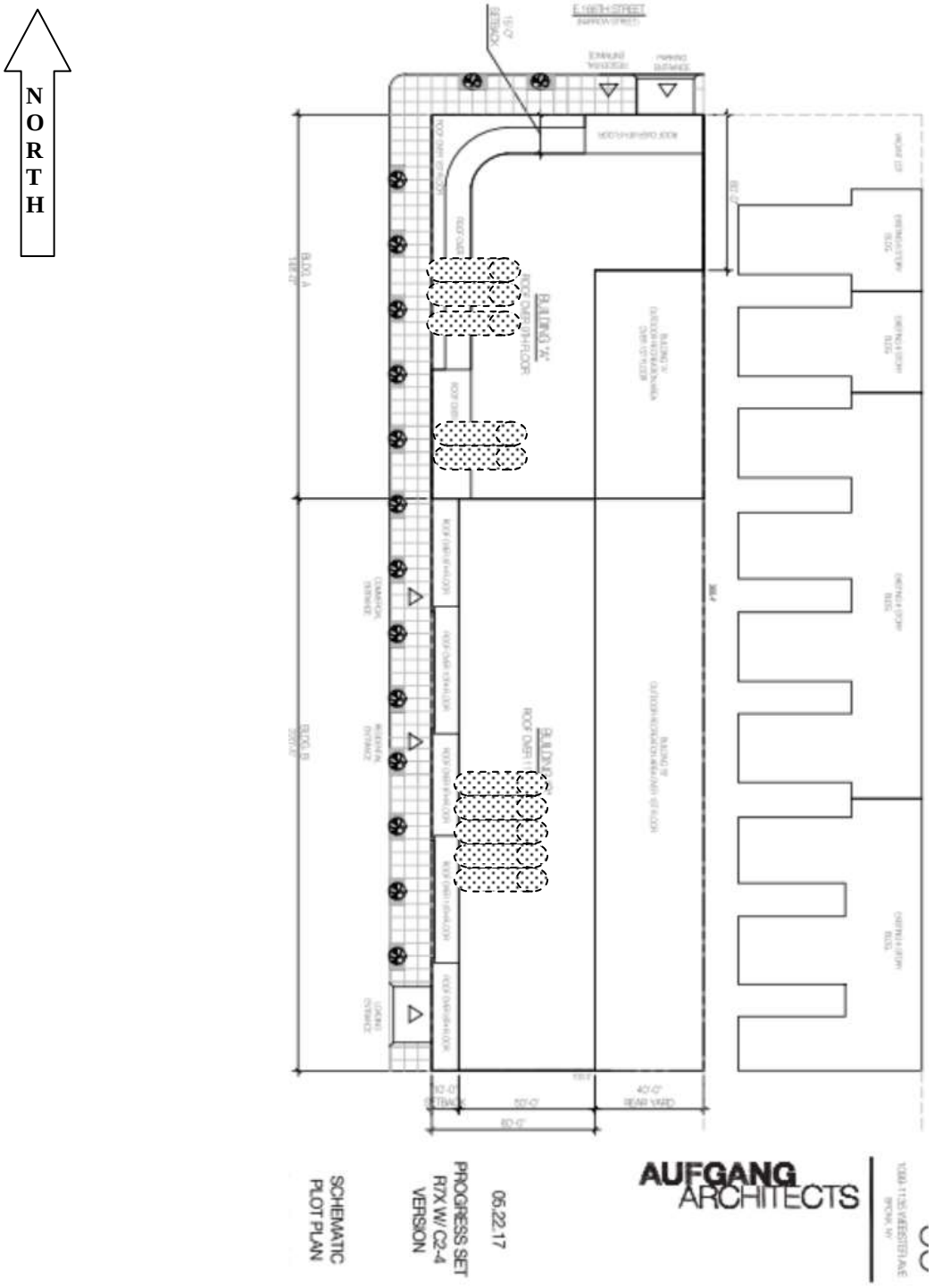
Figures



Scale: 1in. = 50ft

Soil Boring	GW Sample	SV Sample	Figure 1

Environmental Studies Corporation	Property Located at: 1099 -1135 Webster Avenue Bronx, New York	SAMPLE COLLECTION LOCATIONS



Scale: 1in. =50ft

Geophysical (UST) Anomaly

Figure 2

Environmental Studies Corporation	**Property Located at: 1099 -1135 Webster Avenue Bronx, New York**	**GEOPHYSICAL SURVEY POTENTIAL USTs**

Tables

Table 1 - Soil Sample Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2 ft Soil		B-1 12-14 ft Soil		B-2 0-2 ft Soil		B-2 12-14 ft Soil		B-3 0-2 ft Soil		B-3 12-14 ft Soil		B-4 0-2 ft Soil		B-4 12-14 ft Soil		B-5 0-2 ft Soil		B-5 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,1,1-Trichloroethane	0.68	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,1,2,2-Tetrachloroethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,1,2-Trichloroethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,1-Dichloroethane	0.27	26	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,1-Dichloroethylene	0.33	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,2,3-Trichlorobenzene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,2,3-Trichloropropane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,2,4-Trichlorobenzene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.002	J	0.001	U	0.001	U	0.003	U	0.001	U
1,2,4-Trimethylbenzene	3.6	52	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.002	J	0.001	U	0.001	U	0.003	U	0.001	U
1,2-Dibromo-3-chloropropane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,2-Dibromoethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,2-Dichlorobenzene	1.1	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,2-Dichloroethane	0.02	3.1	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,2-Dichloropropane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,3,5-Trimethylbenzene	8.4	52	0.003	U	0.002	U	0.001	J	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,3-Dichlorobenzene	2.4	49	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,4-Dichlorobenzene	1.8	13	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
1,4-Dioxane	0.1	13	0.055	U	0.036	U	0.022	U	0.025	U	0.030	U	0.022	U	0.026	U	0.024	U	0.053	U	0.027	U
2-Butanone	0.12	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
2-Hexanone	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
4-Methyl-2-pentanone	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Acetone	0.05	100	0.015		0.007		0.002	J	0.009		0.009		0.006		0.003	J	0.008		0.016		0.006	
Acrolein	~	~	0.006	U	0.004	U	0.002	U	0.003	U	0.003	U	0.002	U	0.003	U	0.002	U	0.005	U	0.003	U

Table 1 - Soil Sample Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2 ft Soil		B-1 12-14 ft Soil		B-2 0-2 ft Soil		B-2 12-14 ft Soil		B-3 0-2 ft Soil		B-3 12-14 ft Soil		B-4 0-2 ft Soil		B-4 12-14 ft Soil		B-5 0-2 ft Soil		B-5 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Acrylonitrile	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Benzene	0.06	4.8	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Bromochloromethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Bromodichloromethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Bromoform	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Bromomethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Carbon disulfide	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Carbon tetrachloride	0.76	2.4	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Chlorobenzene	1.1	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Chloroethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Chloroform	0.37	49	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Chloromethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
cis-1,2-Dichloroethylene	0.25	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
cis-1,3-Dichloropropylene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Cyclohexane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Dibromochloromethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Dibromomethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Dichlorodifluoromethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Ethyl Benzene	1	41	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Hexachlorobutadiene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Isopropylbenzene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Methyl acetate	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Methylcyclohexane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Methylene chloride	0.05	100	0.006	U	0.004	U	0.002	U	0.003	U	0.004	J	0.003	J	0.003	U	0.002	U	0.005	U	0.003	J
n-Butylbenzene	12	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
n-Propylbenzene	3.9	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
o-Xylene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
p- & m- Xylenes	~	~	0.006	U	0.004	U	0.002	U	0.003	U	0.003	U	0.002	U	0.003	U	0.002	U	0.005	U	0.003	U
p-Isopropyltoluene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
sec-Butylbenzene	11	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.022		0.001	U	0.001	U	0.003	U	0.001	U

Table 1 - Soil Sample Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2 ft Soil		B-1 12-14 ft Soil		B-2 0-2 ft Soil		B-2 12-14 ft Soil		B-3 0-2 ft Soil		B-3 12-14 ft Soil		B-4 0-2 ft Soil		B-4 12-14 ft Soil		B-5 0-2 ft Soil		B-5 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Styrene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
tert-Butyl alcohol (TBA)	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
tert-Butylbenzene	5.9	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.002	J	0.001	U	0.001	U	0.003	U	0.001	U
Tetrachloroethylene	1.3	19	0.003	U	0.002	U	0.002	J	0.001	U	0.026		0.001	U	0.003		0.001	U	0.003	U	0.001	U
Toluene	0.7	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
trans-1,2-Dichloroethylene	0.19	100	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
trans-1,3-Dichloropropylene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
trans-1,4-dichloro-2-butene	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Trichloroethylene	0.47	21	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Trichlorofluoromethane	~	~	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Vinyl Chloride	0.02	0.9	0.003	U	0.002	U	0.001	U	0.001	U	0.002	U	0.001	U	0.001	U	0.001	U	0.003	U	0.001	U
Xylenes, Total	0.26	100	0.008	U	0.005	U	0.003	U	0.004	U	0.005	U	0.003	U	0.004	U	0.004	U	0.008	U	0.004	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2		2		2		2		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
1,2-Dichlorobenzene	1.1	100	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
1,3-Dichlorobenzene	2.4	49	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
1,4-Dichlorobenzene	1.8	13	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
2,4-Dinitrotoluene	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
2,6-Dinitrotoluene	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
2-Chloronaphthalene	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
2-Methylnaphthalene	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
3,3-Dichlorobenzidine	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
3-Nitroaniline	~	~	0.092	U	0.096	U	0.091	U	0.103	U	0.093	U	0.102	U	0.094	U	0.102	U	0.096	U	0.098	U
4-Bromophenyl phenyl ether	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
4-Chloroaniline	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
4-Chlorophenyl phenyl ether	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
4-Nitroaniline	~	~	0.092	U	0.096	U	0.091	U	0.103	U	0.093	U	0.102	U	0.094	U	0.102	U	0.096	U	0.098	U
Acenaphthene	20	100	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Acenaphthylene	100	100	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Aniline	~	~	0.185	U	0.192	U	0.182	U	0.206	U	0.186	U	0.204	U	0.187	U	0.205	U	0.192	U	0.197	U

Table 1 - Soil Sample Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2 ft Soil		B-1 12-14 ft Soil		B-2 0-2 ft Soil		B-2 12-14 ft Soil		B-3 0-2 ft Soil		B-3 12-14 ft Soil		B-4 0-2 ft Soil		B-4 12-14 ft Soil		B-5 0-2 ft Soil		B-5 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Anthracene	100	100	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.759	D	0.048	U	0.049	U
Benzo(a)anthracene	1	1	0.046	U	0.048	U	0.079	JD	0.052	U	0.047	U	0.051	U	0.060	JD	0.051	U	0.056	JD	0.049	U
Benzo(a)pyrene	1	1	0.046	U	0.048	U	0.096	D	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.064	JD	0.049	U
Benzo(b)fluoranthene	1	1	0.046	U	0.048	U	0.068	JD	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.061	JD	0.049	U
Benzo(g,h,i)perylene	100	100	0.046	U	0.048	U	0.046	JD	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.117	D	0.049	U
Benzo(k)fluoranthene	0.8	3.9	0.046	U	0.048	U	0.083	JD	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.064	JD	0.049	U
Benzyl butyl phthalate	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.065	JD	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Bis(2-chloroethoxy)methane	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Bis(2-chloroethyl)ether	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Bis(2-chloroisopropyl)ether	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Bis(2-ethylhexyl)phthalate	~	~	0.094	D	0.048	U	0.046	U	0.052	U	0.190	D	0.051	U	0.189	D	0.051	U	0.112	D	0.049	U
Carbazole	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Chrysene	1	3.9	0.046	U	0.048	U	0.080	JD	0.052	U	0.047	U	0.051	U	0.055	JD	0.051	U	0.073	JD	0.049	U
Dibenzo(a,h)anthracene	0.33	0.33	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Dibenzofuran	7	59	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Diethyl phthalate	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Dimethyl phthalate	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Di-n-butyl phthalate	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Di-n-octyl phthalate	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Fluoranthene	100	100	0.046	U	0.048	U	0.160	D	0.052	U	0.047	U	0.051	U	0.091	JD	0.222	D	0.067	JD	0.049	U
Fluorene	30	100	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Hexachlorobenzene	0.33	1.2	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Hexachlorobutadiene	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Hexachlorocyclopentadiene	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Hexachloroethane	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.046	U	0.048	U	0.049	JD	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.057	JD	0.049	U
Isophorone	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Naphthalene	12	100	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Nitrobenzene	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
N-Nitrosodimethylamine	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
N-nitroso-di-n-propylamine	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U

Table 1 - Soil Sample Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2 ft Soil		B-1 12-14 ft Soil		B-2 0-2 ft Soil		B-2 12-14 ft Soil		B-3 0-2 ft Soil		B-3 12-14 ft Soil		B-4 0-2 ft Soil		B-4 12-14 ft Soil		B-5 0-2 ft Soil		B-5 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
N-Nitrosodiphenylamine	~	~	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.047	U	0.051	U	0.048	U	0.049	U
Phenanthrene	100	100	0.046	U	0.048	U	0.046	U	0.052	U	0.047	U	0.051	U	0.067	JD	0.554	D	0.048	U	0.049	U
Pyrene	100	100	0.048	JD	0.048	U	0.125	D	0.052	U	0.047	U	0.051	U	0.047	U	0.400	D	0.048	U	0.049	U
Pyridine	~	~	0.185	U	0.192	U	0.182	U	0.206	U	0.186	U	0.204	U	0.187	U	0.205	U	0.192	U	0.197	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5.000		5.000		5.000		5.000		5.000		5.000		5.000		5.000		5.000		5.000	
4,4'-DDD	0.0033	13	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	0.0033	8.9	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	0.0033	7.9	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Aldrin	0.005	0.097	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	0.02	0.48	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	0.094	4.2	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	0.036	0.36	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	~	~	0.036	U	0.038	U	0.036	U	0.041	U	0.037	U	0.040	U	0.037	U	0.040	U	0.038	U	0.039	U
delta-BHC	0.04	100	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	0.005	0.2	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	2.4	24	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	2.4	24	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	2.4	24	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	0.014	11	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin ketone	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	0.1	1.3	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	0.042	2.1	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	~	~	0.009	U	0.009	U	0.009	U	0.010	U	0.009	U	0.010	U	0.009	U	0.010	U	0.009	U	0.010	U
Toxaphene	~	~	0.092	U	0.096	U	0.091	U	0.103	U	0.093	U	0.102	U	0.094	U	0.102	U	0.096	U	0.098	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
Aluminum	~	~	14,200		3,920		10,200		5,090		10,300		6,060		9,620		6,920		4,870		4,590	

Table 1 - Soil Sample Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2 ft Soil		B-1 12-14 ft Soil		B-2 0-2 ft Soil		B-2 12-14 ft Soil		B-3 0-2 ft Soil		B-3 12-14 ft Soil		B-4 0-2 ft Soil		B-4 12-14 ft Soil		B-5 0-2 ft Soil		B-5 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Antimony	~	~	2.190		0.642		0.544	U	0.618	U	1.210		0.626		0.626		0.863		0.642		1.170	
Arsenic	13	16	1.320		1.150	U	12.500		1.240	U	5.310		1.220	U	8.770		1.230	U	9.180		1.180	U
Barium	350	400	80.100		32.900		86.800		35.700		87.400		42.700		91.600		49.600		62		29	
Beryllium	7.2	72	0.111	U	0.115	U	0.109	U	0.124	U	0.112	U	0.122	U	0.112	U	0.123	U	0.115	U	0.118	U
Cadmium	2.5	4.3	0.332	U	0.345	U	0.326	U	0.371	U	0.479		0.367	U	0.416		0.369	U	1.330		0.354	U
Calcium	~	~	12,500		1,970		41,600		12,500		27,600		16,000		30,400		2,840		11,200		11,500	
Chromium	~	~	32.100		12.100		16.300		15.900		22.900		18.900		18.800		22.500		14.900		14.600	
Cobalt	~	~	11.300		4.350		7.770		5.970		8.760		7.140		8.750		7.620		5.610		4.950	
Copper	50	270	23.300		12.600		23.700		13.700		19.300		17.200		24.300		17.600		**56**		9.910	
Iron	~	~	20,300		8,860		14,500		11,000		17,300		12,800		17,100		13,300		9,000		8,550	
Lead	63	400	28.100		1.760		23		2.080		28.600		2.490		46.300		2.930		**198**		2.230	
Magnesium	~	~	8,150		2,620		2,840		9,260		3,890		10,300		3,490		4,840		2,580		8,760	
Manganese	1600	2000	199		413		207		238		244		260		263		222		113		245	
Nickel	30	310	21.500		12.800		14.800		14.400		17.400		17.200		18		18.600		14		12	
Potassium	~	~	2,890		978		2,540		1,780		1,430		1,930		1,730		2,420		1,190		1,590	
Selenium	3.9	180	1.110	U	1.150	U	1.090	U	1.240	U	1.120	U	1.220	U	1.120	U	1.230	U	1.150	U	1.330	
Silver	2	180	0.553	U	0.575	U	0.544	U	0.618	U	0.558	U	0.611	U	0.561	U	0.615	U	0.575	U	0.590	U
Sodium	~	~	336	B	207	B	725	B	217	B	543	B	265	B	717	B	265	B	300	B	184	B
Thallium	~	~	1.110	U	1.150	U	1.090	U	1.240	U	1.120	U	1.220	U	1.120	U	1.230	U	1.150	U	1.180	U
Vanadium	~	~	38.400		14.400		29.300		17.200		27.600		23.300		28.600		21.500		16.500		14.100	
Zinc	109	10000	65		17.700		35.200		37		51.700		31.100		61.600		34.300		**142**		22.500	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
Mercury	0.18	0.81	0.0838		0.0345	U	0.0351		0.0371	U	0.0335	U	0.0367	U	0.0337	U	0.0369	U	0.0345	U	0.0354	U
Total Solids			%		%		%		%		%		%		%		%		%		%	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
% Solids	~	~	90.400		87		92		81		89.600		81.800		89.100		81.400		86.900		84.800	
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
Aroclor 1016	~	~	0.0184	U	0.0192	U	0.0181	U	0.0206	U	0.0186	U	0.0203	U	0.0187	U	0.0204	U	0.0191	U	0.0196	U

Table 1 - Soil Sample Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2 ft Soil		B-1 12-14 ft Soil		B-2 0-2 ft Soil		B-2 12-14 ft Soil		B-3 0-2 ft Soil		B-3 12-14 ft Soil		B-4 0-2 ft Soil		B-4 12-14 ft Soil		B-5 0-2 ft Soil		B-5 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Aroclor 1221	~	~	0.0184	U	0.0192	U	0.0181	U	0.0206	U	0.0186	U	0.0203	U	0.0187	U	0.0204	U	0.0191	U	0.0196	U
Aroclor 1232	~	~	0.0184	U	0.0192	U	0.0181	U	0.0206	U	0.0186	U	0.0203	U	0.0187	U	0.0204	U	0.0191	U	0.0196	U
Aroclor 1242	~	~	0.0184	U	0.0192	U	0.0181	U	0.0206	U	0.0186	U	0.0203	U	0.0187	U	0.0204	U	0.0191	U	0.0196	U
Aroclor 1248	~	~	0.0184	U	0.0192	U	0.0181	U	0.0206	U	0.0186	U	0.0203	U	0.0187	U	0.0204	U	0.0191	U	0.0196	U
Aroclor 1254	~	~	0.0184	U	0.0192	U	0.0181	U	0.0206	U	0.0186	U	0.0203	U	0.0187	U	0.0204	U	0.0191	U	0.0196	U
Aroclor 1260	~	~	0.0184	U	0.0192	U	0.0181	U	0.0206	U	0.0186	U	0.0203	U	0.0187	U	0.0204	U	0.0191	U	0.0196	U
Total PCBs	0.1	1	0.0184	U	0.0192	U	0.0181	U	0.0206	U	0.0186	U	0.0203	U	0.0187	U	0.0204	U	0.0191	U	0.0196	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits betwee

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-6 0-2 ft Soil		B-6 12-14 ft Soil		B-7 0-2 ft Soil		B-7 12-14 ft Soil		B-8 0-2 ft Soil		B-8 12-14 ft Soil		B-9 0-2 ft Soil		B-9 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,1,1-Trichloroethane	0.68	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,1,2,2-Tetrachloroethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,1,2-Trichloro-1,2,2-trifluoro	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,1,2-Trichloroethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,1-Dichloroethane	0.27	26	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,1-Dichloroethylene	0.33	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,2,3-Trichlorobenzene	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,2,3-Trichloropropane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,2,4-Trichlorobenzene	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,2,4-Trimethylbenzene	3.6	52	0.00360	U	0.00110	U	0.0190		0.00180	U	0.0570		0.00190	U	0.00230	U	0.00120	U
1,2-Dibromo-3-chloropropane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,2-Dibromoethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,2-Dichlorobenzene	1.1	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,2-Dichloroethane	0.02	3.1	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,2-Dichloropropane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,3,5-Trimethylbenzene	8.4	52	0.00360	U	0.00110	U	0.00910		0.00180	U	0.0310		0.00190	U	0.00230	U	0.00120	U
1,3-Dichlorobenzene	2.4	49	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,4-Dichlorobenzene	1.8	13	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
1,4-Dioxane	0.1	13	0.0730	U	0.0230	U	0.0390	U	0.0360	U	0.0340	U	0.0380	U	0.0460	U	0.0250	U
2-Butanone	0.12	100	0.00360	U	0.00110	U	0.00630		0.00180	U	0.00560		0.00190	U	0.00230	U	0.00120	U
2-Hexanone	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
4-Methyl-2-pentanone	~	~	0.00360	U	0.00110	U	0.00260	J	0.00180	U	0.0130		0.00190	U	0.00230	U	0.00120	U
Acetone	0.05	100	**0.140**		0.00770		0.0330		0.00580	J	0.0370		0.0130		0.0160		0.00580	
Acrolein	~	~	0.00730	U	0.00230	U	0.00390	U	0.00360	U	0.00340	U	0.00380	U	0.00460	U	0.00250	U
Acrylonitrile	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Benzene	0.06	4.8	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Bromochloromethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Bromodichloromethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Bromoform	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-6 0-2 ft Soil		B-6 12-14 ft Soil		B-7 0-2 ft Soil		B-7 12-14 ft Soil		B-8 0-2 ft Soil		B-8 12-14 ft Soil		B-9 0-2 ft Soil		B-9 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Bromomethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Carbon disulfide	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Carbon tetrachloride	0.76	2.4	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Chlorobenzene	1.1	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Chloroethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Chloroform	0.37	49	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Chloromethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
cis-1,2-Dichloroethylene	0.25	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
cis-1,3-Dichloropropylene	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Cyclohexane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Dibromochloromethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Dibromomethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Dichlorodifluoromethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Ethyl Benzene	1	41	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Hexachlorobutadiene	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Isopropylbenzene	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Methyl acetate	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Methyl tert-butyl ether (MTB	0.93	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Methylcyclohexane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Methylene chloride	0.05	100	0.00730	U	0.00230	U	0.00390	U	0.00360	U	0.00350	J	0.00410	J	0.00490	J	0.00250	U
n-Butylbenzene	12	100	0.00360	U	0.00110	U	0.00250	J	0.00180	U	0.00890		0.00190	U	0.00230	U	0.00120	U
n-Propylbenzene	3.9	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00180	J	0.00190	U	0.00230	U	0.00120	U
o-Xylene	~	~	0.00360	U	0.00110	U	0.00260	J	0.00180	U	0.00740		0.00190	U	0.00230	U	0.00120	U
p- & m- Xylenes	~	~	0.00730	U	0.00230	U	0.00390	U	0.00360	U	0.00720		0.00380	U	0.00460	U	0.00250	U
p-Isopropyltoluene	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
sec-Butylbenzene	11	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Styrene	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
tert-Butyl alcohol (TBA)	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00390		0.00190	U	0.00230	U	0.00120	U
tert-Butylbenzene	5.9	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Tetrachloroethylene	1.3	19	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Toluene	0.7	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
trans-1,2-Dichloroethylene	0.19	100	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-6 0-2 ft Soil		B-6 12-14 ft Soil		B-7 0-2 ft Soil		B-7 12-14 ft Soil		B-8 0-2 ft Soil		B-8 12-14 ft Soil		B-9 0-2 ft Soil		B-9 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
trans-1,3-Dichloropropylene	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
trans-1,4-dichloro-2-butene	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Trichloroethylene	0.47	21	0.00800		0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Trichlorofluoromethane	~	~	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Vinyl Chloride	0.02	0.9	0.00360	U	0.00110	U	0.00190	U	0.00180	U	0.00170	U	0.00190	U	0.00230	U	0.00120	U
Xylenes, Total	0.26	100	0.0110	U	0.00340	U	0.00580	U	0.00540	U	0.0150		0.00570	U	0.00690	U	0.00370	U
Semi-Volatiles, 8270 Base/Ne	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2		2		2		20		2	
1,2,4-Trichlorobenzene	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
1,2-Dichlorobenzene	1.1	100	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
1,3-Dichlorobenzene	2.4	49	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
1,4-Dichlorobenzene	1.8	13	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
2,4-Dinitrotoluene	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
2,6-Dinitrotoluene	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
2-Chloronaphthalene	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
2-Methylnaphthalene	~	~	0.0437	U	0.0482	U	0.114	D	0.0467	U	0.217	D	0.0500	U	0.233	D	0.0472	U
3,3-Dichlorobenzidine	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
3-Nitroaniline	~	~	0.0872	U	0.0961	U	0.0863	U	0.0932	U	0.0876	U	0.0997	U	0.0931	U	0.0942	U
4-Bromophenyl phenyl ether	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
4-Chloroaniline	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
4-Chlorophenyl phenyl ether	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
4-Nitroaniline	~	~	0.0872	U	0.0961	U	0.0863	U	0.0932	U	0.0876	U	0.0997	U	0.0931	U	0.0942	U
Acenaphthene	20	100	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	1.480	D	0.0472	U
Acenaphthylene	100	100	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0573	JD	0.0472	U
Aniline	~	~	0.175	U	0.192	U	0.173	U	0.187	U	0.175	U	0.200	U	0.186	U	0.189	U
Anthracene	100	100	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	4.050	D	0.0472	U
Benzo(a)anthracene	1	1	0.0437	U	0.0482	U	0.0883	D	0.0467	U	0.0952	D	0.0500	U	**7.790**	D	0.0472	U
Benzo(a)pyrene	1	1	0.0437	U	0.0482	U	0.131	D	0.0467	U	0.109	D	0.0500	U	**6.630**	D	0.0472	U
Benzo(b)fluoranthene	1	1	0.0437	U	0.0482	U	0.139	D	0.0467	U	0.127	D	0.0500	U	**6.630**	D	0.0472	U
Benzo(g,h,i)perylene	100	100	0.0437	U	0.0482	U	0.229	D	0.0467	U	0.131	D	0.0500	U	4.880	D	0.0472	U
Benzo(k)fluoranthene	0.8	3.9	0.0437	U	0.0482	U	0.102	D	0.0467	U	0.108	D	0.0500	U	**5.620**	D	0.0472	U
Benzyl butyl phthalate	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-6 0-2 ft Soil		B-6 12-14 ft Soil		B-7 0-2 ft Soil		B-7 12-14 ft Soil		B-8 0-2 ft Soil		B-8 12-14 ft Soil		B-9 0-2 ft Soil		B-9 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Bis(2-chloroethoxy)methane	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Bis(2-chloroethyl)ether	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Bis(2-chloroisopropyl)ether	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Bis(2-ethylhexyl)phthalate	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0483	JD	0.0472	U
Carbazole	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	1.160	D	0.0472	U
Chrysene	1	3.9	0.0437	U	0.0482	U	0.103	D	0.0467	U	0.117	D	0.0500	U	**6.720**	D	0.0472	U
Dibenzo(a,h)anthracene	0.33	0.33	0.0437	U	0.0482	U	0.0524	JD	0.0467	U	0.0439	U	0.0500	U	**1.560**	D	0.0472	U
Dibenzofuran	7	59	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	1.080	D	0.0472	U
Diethyl phthalate	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Dimethyl phthalate	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Di-n-butyl phthalate	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Di-n-octyl phthalate	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Fluoranthene	100	100	0.0437	U	0.0482	U	0.117	D	0.0467	U	0.169	D	0.0500	U	20.100	D	0.0472	U
Fluorene	30	100	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	1.720	D	0.0472	U
Hexachlorobenzene	0.33	1.2	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Hexachlorobutadiene	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Hexachlorocyclopentadiene	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Hexachloroethane	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0437	U	0.0482	U	0.124	D	0.0467	U	0.0812	JD	0.0500	U	**4.170**	D	0.0472	U
Isophorone	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Naphthalene	12	100	0.0437	U	0.0482	U	0.0531	JD	0.0467	U	0.143	D	0.0500	U	0.261	D	0.0472	U
Nitrobenzene	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
N-Nitrosodimethylamine	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
N-nitroso-di-n-propylamine	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
N-Nitrosodiphenylamine	~	~	0.0437	U	0.0482	U	0.0432	U	0.0467	U	0.0439	U	0.0500	U	0.0466	U	0.0472	U
Phenanthrene	100	100	0.0437	U	0.0482	U	0.0483	JD	0.0467	U	0.0644	JD	0.0500	U	18.200	D	0.0472	U
Pyrene	100	100	0.0437	U	0.0482	U	0.158	D	0.0467	U	0.161	D	0.0500	U	16.200	D	0.0472	U
Pyridine	~	~	0.175	U	0.192	U	0.173	U	0.187	U	0.175	U	0.200	U	0.186	U	0.189	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5		5		5		5		5	
4,4'-DDD	0.0033	13	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
4,4'-DDE	0.0033	8.9	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-6 0-2 ft Soil		B-6 12-14 ft Soil		B-7 0-2 ft Soil		B-7 12-14 ft Soil		B-8 0-2 ft Soil		B-8 12-14 ft Soil		B-9 0-2 ft Soil		B-9 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
4,4'-DDT	0.0033	7.9	**0.00613**	DP	0.00190	U	0.00218	D	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Aldrin	0.005	0.097	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
alpha-BHC	0.02	0.48	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
alpha-Chlordane	0.094	4.2	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
beta-BHC	0.036	0.36	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Chlordane, total	~	~	0.0343	U	0.0380	U	0.0342	U	0.0368	U	0.0346	U	0.0394	U	0.0369	U	0.0373	U
delta-BHC	0.04	100	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Dieldrin	0.005	0.2	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Endosulfan I	2.4	24	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Endosulfan II	2.4	24	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Endosulfan sulfate	2.4	24	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Endrin	0.014	11	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Endrin aldehyde	~	~	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Endrin ketone	~	~	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
gamma-BHC (Lindane)	0.1	1.3	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
gamma-Chlordane	~	~	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Heptachlor	0.042	2.1	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Heptachlor epoxide	~	~	0.00172	U	0.00190	U	0.00171	U	0.00184	U	0.00173	U	0.00197	U	0.00184	U	0.00186	U
Methoxychlor	~	~	0.00859	U	0.00949	U	0.00854	U	0.00920	U	0.00864	U	0.00985	U	0.00922	U	0.00931	U
Toxaphene	~	~	0.0869	U	0.0961	U	0.0865	U	0.0931	U	0.0875	U	0.0997	U	0.0933	U	0.0943	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Aluminum	~	~	6,920		4,100		7,410		9,060		8,990		16,200		8,290		10,000	
Antimony	~	~	0.600		0.576	U	0.585		1.020		1.040		1.240		1.100		2.060	
Arsenic	13	16	4.920		1.150	U	**68**		1.120	U	**113**		1.200	U	2.320		1.130	U
Barium	350	400	57.400		20.800		107		55.700		245		52.100		59.800		45.300	
Beryllium	7.2	72	0.105	U	0.115	U	0.104	U	0.112	U	0.105	U	0.120	U	0.112	U	0.113	U
Cadmium	2.5	4.3	0.775		0.346	U	1.030		0.335	U	2.040		0.360	U	0.336	U	0.339	U
Calcium	~	~	11,400		1,580		14,600		1,390		48,300		989		25,700		2,500	
Chromium	~	~	25		14.200		20.100		21.600		16.400		30.200		19.200		26.100	
Cobalt	~	~	6		4.510		6.970		8.430		6.010		10.700		7.230		11.200	
Copper	50	270	23.900		9.500		22.500		14.200		31.100		14.400		18.300		8.960	

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-6 0-2 ft Soil		B-6 12-14 ft Soil		B-7 0-2 ft Soil		B-7 12-14 ft Soil		B-8 0-2 ft Soil		B-8 12-14 ft Soil		B-9 0-2 ft Soil		B-9 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Iron	~	~	13,000		8,770		14,400		15,700		15,200		19,900		12,600		11,100	
Lead	63	400	**156**		3.070		**69.9**		2.410		**166**		5.380		22.200		2.960	
Magnesium	~	~	2,800		2,810		4,940		4,100		10,900		5,780		7,510		3,980	
Manganese	1600	2000	134		103		359		173		288		123		196		115	
Nickel	30	310	14.500		11.600		18.100		20.600		14.900		21.700		13.800		18	
Potassium	~	~	1,230		1,290		1,900		1,790		1,580		1,240		1,600		681	
Selenium	3.9	180	1.050	U	1.150	U	1.040	U	1.120	U	1.050	U	1.200	U	1.120	U	1.130	U
Silver	2	180	0.523	U	0.576	U	0.519	U	0.559	U	0.527	U	0.600	U	0.560	U	0.565	U
Sodium	~	~	301	B	147	B	691	B	939	B	968	B	1,600	B	688	B	167	B
Thallium	~	~	1.050	U	1.150	U	1.040	U	1.120	U	1.050	U	1.200	U	1.120	U	1.130	U
Vanadium	~	~	23.400		13.300		23.600		27.900		24.200		34.700		20.400		19.600	
Zinc	109	10000	63.400		19.600		78.100		37		**200**		51		45.200		38.500	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Mercury	0.18	0.81	0.0314	U	0.0346	U	0.0813		0.0335	U	0.0316	U	0.0360	U	0.0869		0.0339	U
Total Solids			%		%		%		%		%		%		%		%	
Dilution Factor			1		1		1		1		1		1		1		1	
% Solids	~	~	95.700		86.800		96.300		89.500		94.900		83.400		89.300		88.500	
Polychlorinated Biphenyls (P	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Aroclor 1016	~	~	0.0173	U	0.0192	U	0.0173	U	0.0186	U	0.0175	U	0.0199	U	0.0186	U	0.0188	U
Aroclor 1221	~	~	0.0173	U	0.0192	U	0.0173	U	0.0186	U	0.0175	U	0.0199	U	0.0186	U	0.0188	U
Aroclor 1232	~	~	0.0173	U	0.0192	U	0.0173	U	0.0186	U	0.0175	U	0.0199	U	0.0186	U	0.0188	U
Aroclor 1242	~	~	0.0173	U	0.0192	U	0.0173	U	0.0186	U	0.0175	U	0.0199	U	0.0186	U	0.0188	U
Aroclor 1248	~	~	0.0173	U	0.0192	U	0.0173	U	0.0186	U	0.0175	U	0.0199	U	0.0186	U	0.0188	U
Aroclor 1254	~	~	0.0262		0.0192	U	0.0173	U	0.0186	U	0.0175	U	0.0199	U	0.0186	U	0.0188	U
Aroclor 1260	~	~	0.0173	U	0.0192	U	0.0173	U	0.0186	U	0.0175	U	0.0199	U	0.0186	U	0.0188	U
Total PCBs	0.1	1	0.0262		0.0192	U	0.0173	U	0.0186	U	0.0175	U	0.0199	U	0.0186	U	0.0188	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-6 0-2 ft Soil		B-6 12-14 ft Soil		B-7 0-2 ft Soil		B-7 12-14 ft Soil		B-8 0-2 ft Soil		B-8 12-14 ft Soil		B-9 0-2 ft Soil		B-9 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits betweer

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 0-2 ft Soil		B-10 12-14 ft Soil		B-11 0-2 ft Soil		B-11 12-14 ft Soil		B-12 0-2 ft Soil		B-12 12-14 ft Soil		B-13 0-2 ft Soil		B-13 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,1,1-Trichloroethane	0.68	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,1,2,2-Tetrachloroethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,1,2-Trichloro-1,2,2-trifluoroetha	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,1,2-Trichloroethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,1-Dichloroethane	0.27	26	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,1-Dichloroethylene	0.33	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,2,3-Trichlorobenzene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,2,3-Trichloropropane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,2,4-Trichlorobenzene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,2,4-Trimethylbenzene	3.6	52	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.110		0.00330	U
1,2-Dibromo-3-chloropropane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,2-Dibromoethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,2-Dichlorobenzene	1.1	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,2-Dichloroethane	0.02	3.1	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,2-Dichloropropane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,3,5-Trimethylbenzene	8.4	52	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.0550		0.00330	U
1,3-Dichlorobenzene	2.4	49	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,4-Dichlorobenzene	1.8	13	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
1,4-Dioxane	0.1	13	0.0480	U	0.0370	U	0.0390	U	0.0400	U	0.0320	U	0.0320	U	0.0390	U	0.0660	U
2-Butanone	0.12	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00470		0.0130		0.0970	
2-Hexanone	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
4-Methyl-2-pentanone	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Acetone	0.05	100	0.00480	U	0.0190		0.00390	U	0.0170		0.00680		0.0380		**0.0720**		**0.260**	
Acrolein	~	~	0.00480	U	0.00370	U	0.00390	U	0.00400	U	0.00320	U	0.00320	U	0.00390	U	0.00660	U
Acrylonitrile	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Benzene	0.06	4.8	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Bromochloromethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Bromodichloromethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Bromoform	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Bromomethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 0-2 ft Soil		B-10 12-14 ft Soil		B-11 0-2 ft Soil		B-11 12-14 ft Soil		B-12 0-2 ft Soil		B-12 12-14 ft Soil		B-13 0-2 ft Soil		B-13 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Carbon disulfide	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Carbon tetrachloride	0.76	2.4	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Chlorobenzene	1.1	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Chloroethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Chloroform	0.37	49	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Chloromethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
cis-1,2-Dichloroethylene	0.25	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
cis-1,3-Dichloropropylene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Cyclohexane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Dibromochloromethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Dibromomethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Dichlorodifluoromethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Ethyl Benzene	1	41	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Hexachlorobutadiene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Isopropylbenzene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00340	J	0.00330	U
Methyl acetate	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Methylcyclohexane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Methylene chloride	0.05	100	0.00480	U	0.00420	J	0.00390	U	0.00400	U	0.00320	U	0.00320	U	0.00390	U	0.00660	U
n-Butylbenzene	12	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.0250		0.00330	U
n-Propylbenzene	3.9	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00770		0.00330	U
o-Xylene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00360	J	0.00330	U
p- & m- Xylenes	~	~	0.00480	U	0.00370	U	0.00390	U	0.00400	U	0.00320	U	0.00320	U	0.00510	J	0.00660	U
p-Isopropyltoluene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.0160		0.00330	U
sec-Butylbenzene	11	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00840		0.00330	U
Styrene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
tert-Butyl alcohol (TBA)	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
tert-Butylbenzene	5.9	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Tetrachloroethylene	1.3	19	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Toluene	0.7	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
trans-1,2-Dichloroethylene	0.19	100	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
trans-1,3-Dichloropropylene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
trans-1,4-dichloro-2-butene	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 0-2 ft Soil		B-10 12-14 ft Soil		B-11 0-2 ft Soil		B-11 12-14 ft Soil		B-12 0-2 ft Soil		B-12 12-14 ft Soil		B-13 0-2 ft Soil		B-13 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Trichloroethylene	0.47	21	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Trichlorofluoromethane	~	~	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Vinyl Chloride	0.02	0.9	0.00240	U	0.00190	U	0.00190	U	0.00200	U	0.00160	U	0.00160	U	0.00190	U	0.00330	U
Xylenes, Total	0.26	100	0.00720	U	0.00560	U	0.00580	U	0.00590	U	0.00480	U	0.00480	U	0.00870	J	0.00990	U
Semi-Volatiles, 8270 Base/Neutr	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2		2		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
1,2-Dichlorobenzene	1.1	100	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
1,3-Dichlorobenzene	2.4	49	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
1,4-Dichlorobenzene	1.8	13	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
2,4-Dinitrotoluene	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
2,6-Dinitrotoluene	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
2-Chloronaphthalene	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
2-Methylnaphthalene	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
3,3-Dichlorobenzidine	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
3-Nitroaniline	~	~	0.0986	U	0.0903	U	0.110	U	0.0960	U	0.0919	U	0.0923	U	0.102	U	0.127	U
4-Bromophenyl phenyl ether	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
4-Chloroaniline	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
4-Chlorophenyl phenyl ether	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
4-Nitroaniline	~	~	0.0986	U	0.0903	U	0.110	U	0.0960	U	0.0919	U	0.0923	U	0.102	U	0.127	U
Acenaphthene	20	100	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Acenaphthylene	100	100	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Aniline	~	~	0.198	U	0.181	U	0.221	U	0.192	U	0.184	U	0.185	U	0.204	U	0.255	U
Anthracene	100	100	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Benzo(a)anthracene	1	1	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0961	JD	0.0639	U
Benzo(a)pyrene	1	1	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.107	D	0.0639	U
Benzo(b)fluoranthene	1	1	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0871	JD	0.0639	U
Benzo(g,h,i)perylene	100	100	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0570	JD	0.0639	U
Benzo(k)fluoranthene	0.8	3.9	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0920	JD	0.0639	U
Benzyl butyl phthalate	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Bis(2-chloroethoxy)methane	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Bis(2-chloroethyl)ether	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Bis(2-chloroisopropyl)ether	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 0-2 ft Soil		B-10 12-14 ft Soil		B-11 0-2 ft Soil		B-11 12-14 ft Soil		B-12 0-2 ft Soil		B-12 12-14 ft Soil		B-13 0-2 ft Soil		B-13 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Bis(2-ethylhexyl)phthalate	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Carbazole	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Chrysene	1	3.9	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.100	JD	0.0639	U
Dibenzo(a,h)anthracene	0.33	0.33	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Dibenzofuran	7	59	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Diethyl phthalate	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Dimethyl phthalate	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Di-n-butyl phthalate	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Di-n-octyl phthalate	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Fluoranthene	100	100	0.0568	JD	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.167	D	0.0639	U
Fluorene	30	100	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Hexachlorobenzene	0.33	1.2	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Hexachlorobutadiene	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Hexachlorocyclopentadiene	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Hexachloroethane	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0578	JD	0.0639	U
Isophorone	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Naphthalene	12	100	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Nitrobenzene	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
N-Nitrosodimethylamine	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
N-nitroso-di-n-propylamine	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
N-Nitrosodiphenylamine	~	~	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0510	U	0.0639	U
Phenanthrene	100	100	0.0494	U	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.0659	JD	0.0639	U
Pyrene	100	100	0.0789	JD	0.0453	U	0.0553	U	0.0481	U	0.0461	U	0.0463	U	0.168	D	0.0639	U
Pyridine	~	~	0.198	U	0.181	U	0.221	U	0.192	U	0.184	U	0.185	U	0.204	U	0.255	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5		5		5		5		5	
4,4'-DDD	0.0033	13	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
4,4'-DDE	0.0033	8.9	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
4,4'-DDT	0.0033	7.9	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Aldrin	0.005	0.097	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
alpha-BHC	0.02	0.48	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
alpha-Chlordane	0.094	4.2	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 0-2 ft Soil		B-10 12-14 ft Soil		B-11 0-2 ft Soil		B-11 12-14 ft Soil		B-12 0-2 ft Soil		B-12 12-14 ft Soil		B-13 0-2 ft Soil		B-13 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
beta-BHC	0.036	0.36	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Chlordane, total	~	~	0.0389	U	0.0357	U	0.0435	U	0.0379	U	0.0363	U	0.0364	U	0.0402	U	0.0504	U
delta-BHC	0.04	100	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Dieldrin	0.005	0.2	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Endosulfan I	2.4	24	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Endosulfan II	2.4	24	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Endosulfan sulfate	2.4	24	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Endrin	0.014	11	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Endrin aldehyde	~	~	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Endrin ketone	~	~	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
gamma-BHC (Lindane)	0.1	1.3	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
gamma-Chlordane	~	~	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Heptachlor	0.042	2.1	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Heptachlor epoxide	~	~	0.00194	U	0.00178	U	0.00217	U	0.00189	U	0.00182	U	0.00182	U	0.00201	U	0.00252	U
Methoxychlor	~	~	0.00972	U	0.00892	U	0.0109	U	0.00947	U	0.00908	U	0.00910	U	0.0100	U	0.0126	U
Toxaphene	~	~	0.0983	U	0.0903	U	0.110	U	0.0959	U	0.0919	U	0.0921	U	0.102	U	0.127	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Aluminum	~	~	10,900		5,120		17,400		17,900		15,100		11,800		6,230		9,070	
Antimony	~	~	0.843		1.110		0.661	U	0.575	U	0.551	U	0.554	U	0.611	U	0.766	U
Arsenic	13	16	1.490		1.080	U	1.740		4.170		3.530		2.930		2.470		6.370	
Barium	350	400	52		38		119		59.900		70.900		45.900		56.700		95.400	
Beryllium	7.2	72	0.118	U	0.108	U	0.132	U	0.449		0.110	U	0.111	U	0.122	U	0.153	U
Cadmium	2.5	4.3	0.355	U	0.325	U	0.559		0.464		0.331	U	0.332	U	0.366	U	0.460	U
Calcium	~	~	11,300		1,980		26,200		45,200		16,900		36,100		18,700		3,070	
Chromium	~	~	21.100		19.800		39.100		29.800		25.900		22.300		13.500		35.700	
Cobalt	~	~	8.430		5.430		12.700		14.900		12.700		10.500		6.910		7.110	
Copper	50	270	16.500		12.200		23.700		35.800		22.200		17.700		**57.5**		27.600	
Iron	~	~	17,900		6,920		21,700		26,000		21,100		16,200		12,900		20,400	
Lead	63	400	16.400		2.360		12.400		10.200		13.700		7.030		**242**		4.210	
Magnesium	~	~	7,100		2,360		18,300		34,900		13,500		22,800		5,050		4,470	
Manganese	1600	2000	264		72.500		551		572		457		385		178		125	
Nickel	30	310	16.30		11.40		23.80		22.10		19.80		16.30		9.75		15.70	

Table 1 (continued) - Soil Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 0-2 ft Soil		B-10 12-14 ft Soil		B-11 0-2 ft Soil		B-11 12-14 ft Soil		B-12 0-2 ft Soil		B-12 12-14 ft Soil		B-13 0-2 ft Soil		B-13 12-14 ft Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Potassium	~	~	922		1,280		1,120	B	1,350	B	1,890	B	935	B	785	B	1,030	B
Selenium	3.9	180	1.180	U	1.080	U	1.320	U	1.150	U	1.100	U	1.110	U	1.220	U	1.530	U
Silver	2	180	0.591	U	0.542	U	0.661	U	0.575	U	0.551	U	0.554	U	0.611	U	0.766	U
Sodium	~	~	144	B	223	B	150		148		173		85.800		209		139	
Thallium	~	~	1.180	U	1.080	U	1.320	U	1.150	U	1.100	U	1.110	U	1.220	U	1.530	U
Vanadium	~	~	26		18.100		50.500		36.700		34.100		26.200		14.300		76.800	
Zinc	109	10000	40.100		28.700		59.100		61.800		49.300		45.200		71.600		41.300	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Mercury	0.18	0.81	0.0575		0.0325	U	0.0853		0.0345	U	0.0837		0.0332	U	**0.401**		0.0460	U
Total Solids			%		%		%		%		%		%		%		%	
Dilution Factor			1		1		1		1		1		1		1		1	
% Solids	~	~	84.500		92.300		75.600		86.900		90.700		90.300		81.900		65.200	
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Aroclor 1016	~	~	0.0196	U	0.0180	U	0.0219	U	0.0191	U	0.0183	U	0.0184	U	0.0203	U	0.0254	U
Aroclor 1221	~	~	0.0196	U	0.0180	U	0.0219	U	0.0191	U	0.0183	U	0.0184	U	0.0203	U	0.0254	U
Aroclor 1232	~	~	0.0196	U	0.0180	U	0.0219	U	0.0191	U	0.0183	U	0.0184	U	0.0203	U	0.0254	U
Aroclor 1242	~	~	0.0196	U	0.0180	U	0.0219	U	0.0191	U	0.0183	U	0.0184	U	0.0203	U	0.0254	U
Aroclor 1248	~	~	0.0196	U	0.0180	U	0.0219	U	0.0191	U	0.0183	U	0.0184	U	0.0203	U	0.0254	U
Aroclor 1254	~	~	0.0196	U	0.0180	U	0.0219	U	0.0191	U	0.0183	U	0.0184	U	0.0203	U	0.0254	U
Aroclor 1260	~	~	0.0196	U	0.0180	U	0.0219	U	0.0191	U	0.0183	U	0.0184	U	0.0203	U	0.0254	U
Total PCBs	0.1	1	0.0196	U	0.0180	U	0.0219	U	0.0191	U	0.0183	U	0.0184	U	0.0203	U	0.0254	U

NOTES: Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits b

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 2 - Ground Water Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and	GW-1 Water		GW-2 Water		GW-3 Water		GW-4 Water		Trip Blank Water	
Compound	**Guidance**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,1-Trichloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2,2-Tetrachloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethan	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichlorobenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichloropropane	0.04	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	5	0.2	U	0.7		0.4	J	0.4	J	0.2	U
1,2-Dibromo-3-chloropropane	0.04	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dibromoethane	0.0006	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloroethane	0.6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloropropane	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	5	0.2	U	0.4	J	0.2	U	0.2	U	0.2	U
1,3-Dichlorobenzene	3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,4-Dichlorobenzene	3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,4-Dioxane	~	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U
2-Butanone	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2-Hexanone	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
4-Methyl-2-pentanone	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Acetone	50	1.0	U	2.5		3.5		2.7		1.0	U
Acrolein	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Acrylonitrile	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzene	1	0.2	U	0.2	U	0.8		0.8		0.2	U
Bromochloromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromoform	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromomethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

Table 2 - Ground Water Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and	GW-1 Water		GW-2 Water		GW-3 Water		GW-4 Water		Trip Blank Water	
Compound	Guidance	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Carbon disulfide	~	0.2	U	0.3	J	0.2	U	0.2	U	0.2	U
Carbon tetrachloride	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chlorobenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chloroform	7	0.2	U	3.1		0.2	U	0.2	U	0.2	U
Chloromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
cis-1,3-Dichloropropylene	0.4	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Cyclohexane	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Dibromochloromethane	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Dibromomethane	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Dichlorodifluoromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Ethyl Benzene	5	0.2	U	0.2	U	0.6		0.6		0.2	U
Hexachlorobutadiene	0.5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Isopropylbenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methyl acetate	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methylcyclohexane	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methylene chloride	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
n-Butylbenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
n-Propylbenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
o-Xylene	5	0.2	U	0.2	U	0.7		0.7		0.2	U
p- & m- Xylenes	5	0.5	U	0.5	U	2.4		2.4		0.5	U
p-Isopropyltoluene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
sec-Butylbenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Styrene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
tert-Butyl alcohol (TBA)	~	0.5	U	0.5	U	14.0		2.7		0.5	U
tert-Butylbenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Tetrachloroethylene	5	0.6		0.2	U	0.2	U	0.2	U	0.2	U
Toluene	5	0.2	U	0.2	U	4.1		4.1		0.2	U
trans-1,2-Dichloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-1,3-Dichloropropylene	0.4	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-1,4-dichloro-2-butene	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

Table 2 - Ground Water Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and	GW-1 Water		GW-2 Water		GW-3 Water		GW-4 Water		Trip Blank Water	
Compound	**Guidance**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Trichloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Trichlorofluoromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Vinyl Chloride	2	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Xylenes, Total	5	0.6	U	0.6	U	3.1		3.1		0.6	U
Semi-Volatiles, 8270 Base/Neutrals	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1.0		1.0		1.0		1.0			
1,2,4-Trichlorobenzene	5	2.9	U	2.6	U	2.6	U	2.5	U	NT	
1,2-Dichlorobenzene	3	2.9	U	2.6	U	2.6	U	2.6	U	NT	
1,3-Dichlorobenzene	3	3.1	U	2.8	U	2.8	U	2.7	U	NT	
1,4-Dichlorobenzene	3	2.6	U	2.3	U	2.3	U	2.3	U	NT	
2,4-Dinitrotoluene	5	1.9	U	1.7	U	1.7	U	1.7	U	NT	
2,6-Dinitrotoluene	5	1.9	U	1.7	U	1.7	U	1.7	U	NT	
2-Chloronaphthalene	10	2.6	U	2.3	U	2.3	U	2.3	U	NT	
2-Methylnaphthalene	~	3.3	U	2.9	U	2.9	U	2.8	U	NT	
2-Nitroaniline	5	2.0	U	1.8	U	1.8	U	1.7	U	NT	
3,3-Dichlorobenzidine	5	1.5	U	1.3	U	1.3	U	1.3	U	NT	
3-Nitroaniline	5	2.0	U	1.8	U	1.8	U	1.7	U	NT	
4-Bromophenyl phenyl ether	~	1.6	U	1.4	U	1.4	U	1.4	U	NT	
4-Chloroaniline	5	3.5	U	3.1	U	3.1	U	3.1	U	NT	
4-Chlorophenyl phenyl ether	~	2.9	U	2.6	U	2.6	U	2.5	U	NT	
4-Nitroaniline	5	3.2	U	2.8	U	2.8	U	2.8	U	NT	
Acenaphthene	20	0.0588	U	0.0526	U	0.0526	U	0.0513	U	NT	
Acenaphthylene	~	0.0588	U	0.116		0.0526	U	0.0513	U	NT	
Aniline	5	1.760	U	1.580	U	1.580	U	1.540	U	NT	
Anthracene	50	0.0588	U	0.0632		0.0526	U	0.0513	U	NT	
Benzo(a)anthracene	0.002	0.0588	U	**0.295**		0.0526	U	0.0513	U	NT	
Benzo(a)pyrene	0.002	0.0588	U	**0.411**		0.0526	U	0.0513	U	NT	
Benzo(b)fluoranthene	0.002	0.0588	U	**0.295**		0.0526	U	0.0513	U	NT	
Benzo(g,h,i)perylene	~	0.0588	U	0.221		0.0526	U	0.0513	U	NT	
Benzo(k)fluoranthene	0.002	0.0588	U	**0.337**		0.0526	U	0.0513	U	NT	
Benzyl butyl phthalate	50	1	U	0.897	U	0.897	U	0.874	U	NT	
Bis(2-chloroethoxy)methane	5	2.080	U	1.860	U	1.860	U	1.820	U	NT	

Table 2 - Ground Water Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and	GW-1 Water		GW-2 Water		GW-3 Water		GW-4 Water		Trip Blank Water	
Compound	**Guidance**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Bis(2-chloroethyl)ether	1	1.760	U	1.580	U	1.580	U	1.540	U	NT	
Bis(2-chloroisopropyl)ether	5	3.520	U	3.150	U	3.150	U	3.070	U	NT	
Bis(2-ethylhexyl)phthalate	5	0.588	U	0.526	U	0.526	U	0.513	U	NT	
Carbazole	~	1.540	U	1.380	U	1.380	U	1.340	U	NT	
Chrysene	0.002	0.0588	U	0.263		0.0526	U	0.0513	U	NT	
Dibenzo(a,h)anthracene	~	0.0588	U	0.0526	J	0.0526	U	0.0513	U	NT	
Dibenzofuran	~	2.840	U	2.540	U	2.540	U	2.470	U	NT	
Diethyl phthalate	50	3.010	U	2.690	U	2.690	U	2.630	U	NT	
Dimethyl phthalate	50	2.250	U	2.010	U	2.010	U	1.960	U	NT	
Di-n-butyl phthalate	50	2.410	U	2.160	U	2.160	U	2.100	U	NT	
Di-n-octyl phthalate	50	1.320	U	1.180	U	1.180	U	1.150	U	NT	
Fluoranthene	50	0.0588	U	0.516		0.0526	U	0.0513	U	NT	
Fluorene	50	0.0588	U	0.0526	U	0.0526	U	0.0513	U	NT	
Hexachlorobenzene	0.04	0.0235	U	0.0211	U	0.0211	U	0.0205	U	NT	
Hexachlorobutadiene	0.5	0.588	U	0.526	U	0.526	U	0.513	U	NT	
Hexachlorocyclopentadiene	5	2.980	U	2.660	U	2.660	U	2.590	U	NT	
Hexachloroethane	5	0.588	U	0.526	U	0.526	U	0.513	U	NT	
Indeno(1,2,3-cd)pyrene	0.002	0.0588	U	0.211		0.0526	U	0.0513	U	NT	
Isophorone	50	3.150	U	2.820	U	2.820	U	2.750	U	NT	
Naphthalene	10	0.224		0.611		0.0526	U	0.0513	U	NT	
Nitrobenzene	0.4	0.294	U	0.263	U	0.263	U	0.256	U	NT	
N-Nitrosodimethylamine	~	0.588	U	0.526	U	0.526	U	0.513	U	NT	
N-nitroso-di-n-propylamine	~	3.010	U	2.690	U	2.690	U	2.630	U	NT	
N-Nitrosodiphenylamine	50	5.880	U	5.260	U	5.260	U	5.130	U	NT	
Phenanthrene	50	0.0588	U	0.0737		0.0526	U	0.0513	U	NT	
Pyrene	50	0.0588	U	0.463		0.0526	U	0.0513	U	NT	
Pyridine	50	4.600	U	4.120	U	4.120	U	4.010	U	NT	
Pesticides, 8081 target list	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1		1		1		1			
4,4'-DDD	0.3	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
4,4'-DDE	0.2	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
4,4'-DDT	0.2	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Aldrin	~	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	

Table 2 - Ground Water Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance	GW-1 Water		GW-2 Water		GW-3 Water		GW-4 Water		Trip Blank Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
alpha-BHC	0.01	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
alpha-Chlordane	~	0.0454	P	0.00571	U	0.00410	U	0.00410	U	NT	
beta-BHC	0.04	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Chlordane, total	0.05	**0.0682**		0.0286	U	0.0205	U	0.0205	U	NT	
delta-BHC	0.04	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Dieldrin	0.004	0.00258	U	0.00286	U	0.00205	U	0.00205	U	NT	
Endosulfan I	~	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Endosulfan II	~	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Endosulfan sulfate	~	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Endrin	~	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Endrin aldehyde	5	0.0129	U	0.0143	U	0.0103	U	0.0103	U	NT	
Endrin ketone	5	0.0129	U	0.0143	U	0.0103	U	0.0103	U	NT	
gamma-BHC (Lindane)	0.05	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
gamma-Chlordane	~	0.0228		0.0143	U	0.0103	U	0.0103	U	NT	
Heptachlor	0.04	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Heptachlor epoxide	0.03	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Methoxychlor	35	0.00516	U	0.00571	U	0.00410	U	0.00410	U	NT	
Toxaphene	0.06	0.129	U	0.143	U	0.103	U	0.103	U	NT	
Metals, Target Analyte, ICP	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		10		1		1		1			
Aluminum	~	198,000		12,000		605		2,850		NT	
Barium	1000	**3,660**		394		93.900		167		NT	
Calcium	~	726,000		172,000		62,900		58,200		NT	
Chromium	50	**688**		**69.3**		5.560	U	27.200		NT	
Cobalt	~	216		22.400		5.560	U	8.300		NT	
Copper	200	**574**		**208**		6.720		19.300		NT	
Iron	~	624,000	D	13,000		1,510		8,310		NT	
Lead	25	**150**		**805**		5.560	U	13.400		NT	
Magnesium	35000	**395,000**		27,400		17,300		18,800		NT	
Manganese	300	**25,900**		**1,130**		**825**		**2,180**		NT	
Nickel	100	**465**		31.700		5.560	U	14.900		NT	
Potassium	~	73,600		10,900		3,160		3,140		NT	

Table 2 - Ground Water Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance	GW-1 Water		GW-2 Water		GW-3 Water		GW-4 Water		Trip Blank Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Silver	50	5.560	U	5.560	U	5.560	U	5.560	U	NT	
Sodium	20000	**134,000**		**99,200**		**65,500**		**52,500**		NT	
Vanadium	~	576		54.200		11.100	U	11.100	U	NT	
Zinc	2000	884		298		16.700	U	18.700		NT	
Metals, Target Analyte, ICP Dissolv	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1		1		1		1			
Aluminum	~	55.600	U	55.600	U	55.600	U	63.300		NT	
Barium	1000	117		58		71		45.600		NT	
Calcium	~	116,000		107,000		66,300		48,700		NT	
Chromium	50	5.560	U	5.560	U	5.560	U	5.560	U	NT	
Cobalt	~	5.560	U	5.560	U	5.560	U	5.560	U	NT	
Copper	200	6.050		8.430		5.560	U	5.560	U	NT	
Iron	~	620		248		152		602		NT	
Lead	25	8.520		5.560	U	5.560	U	5.560	U	NT	
Magnesium	35000	30,400		16,400		18,200		13,600		NT	
Manganese	300	**1,020**		90.600		**554**		**655**		NT	
Nickel	100	5.560	U	5.560	U	5.560	U	5.560	U	NT	
Potassium	~	6,900	B	9,500	B	3,220	B	2,950	B	NT	
Silver	50	5.560	U	5.560	U	5.560	U	5.560	U	NT	
Sodium	20000	**109,000**		**91,500**		**65,200**		**48,600**		NT	
Vanadium	~	11.100	U	11.100	U	11.100	U	11.100	U	NT	
Zinc	2000	16.700	U	16.700	U	16.700	U	16.700	U	NT	
Metals, Target Analyte, ICPMS	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1		1		1		1			
Antimony	3	1.110	U	1.110	U	1.110	U	1.110	U	NT	
Arsenic	25	**35.400**		5.330		1.110	U	1.310		NT	
Beryllium	3	1.110	U	1.110	U	1.110	U	1.110	U	NT	
Cadmium	5	4.480		1.540		1.110	U	1.110	U	NT	
Selenium	10	**42.800**		**32.800**		1.110	U	2		NT	
Thallium	~	2.620		1.110	U	1.110	U	1.110	U	NT	
Metals, Target Analyte, ICPMS Diss	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1		1		1		1			

Table 2 - Ground Water Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance	GW-1 Water		GW-2 Water		GW-3 Water		GW-4 Water		Trip Blank Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Antimony	3	1.110	U	1.110	U	1.110	U	1.110	U	NT	
Arsenic	25	1.110	U	1.110	U	1.110	U	1.110	U	NT	
Beryllium	3	1.110	U	1.110	U	1.110	U	1.110	U	NT	
Cadmium	5	1.110	U	1.110	U	1.110	U	1.110	U	NT	
Selenium	10	1.330		**39.500**		1.110	U	1.110	U	NT	
Thallium	~	1.110	U	1.110	U	1.110	U	1.110	U	NT	
Mercury by 7473	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1		1		1		1			
Mercury	0.7	0.200	U	0.200	U	0.200	U	0.200	U	NT	
Mercury by 7473, Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1		1		1		1			
Mercury	0.7	0.200	U	0.200	U	0.200	U	0.200	U	NT	
Polychlorinated Biphenyls (PCB)	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1		5		5		5			
Aroclor 1016	~	0.0645	U	0.357	U	0.256	U	0.256	U	NT	
Aroclor 1221	~	0.0645	U	0.357	U	0.256	U	0.256	U	NT	
Aroclor 1232	~	0.0645	U	0.357	U	0.256	U	0.256	U	NT	
Aroclor 1242	~	0.0645	U	0.357	U	0.256	U	0.256	U	NT	
Aroclor 1248	~	0.0645	U	0.357	U	0.256	U	0.256	U	NT	
Aroclor 1254	~	0.0645	U	0.357	U	0.256	U	0.256	U	NT	
Aroclor 1260	~	3.740		7.760	D	5.440	D	4.440	D	NT	
Total PCBs	0.09	**3.74**		**7.76**	D	**5.44**	D	**4.44**	D	NT	

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated lim

NT=this indicates the analyte was not a target for this sample

Table 2 - Ground Water Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance	GW-1 Water		GW-2 Water		GW-3 Water		GW-4 Water		Trip Blank Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q

~=this indicates that no regulatory limit has been established for this analyte

Table 3 - Soil Vapor Results Summary

Sample ID	SV-1		SV-2		SV-3		SV-4		SV-5		SV-6		SV-7	
York ID														
Sampling Date														
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	1.391		15.17		14.06		18.11		16.22		13.63		20	
1,1,1,2-Tetrachloroethane	0.950	U	1	U	0.970	U	1.200	U	1.100	U	0.940	U	1.400	U
1,1,1-Trichloroethane	**9**	D	**4.800**	D	**1**	D	0.990	U	0.890	U	0.740	U	1.100	U
1,1,2,2-Tetrachloroethane	0.950	U	1	U	0.970	U	1.200	U	1.100	U	0.940	U	1.400	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.100	U	1.200	U	1.100	U	1.400	U	1.200	U	1	U	1.500	U
1,1,2-Trichloroethane	0.760	U	0.830	U	0.770	U	0.990	U	0.890	U	0.740	U	1.100	U
1,1-Dichloroethane	0.560	U	0.610	U	0.570	U	0.730	U	0.660	U	0.550	U	0.810	U
1,1-Dichloroethylene	0.140	U	0.150	U	0.140	U	0.180	U	0.160	U	0.140	U	0.200	U
1,2,4-Trichlorobenzene	1	U	1.100	U	1	U	1.300	U	1.200	U	1	U	1.500	U
1,2,4-Trimethylbenzene	**210**	D	**250**	D	**240**	D	**250**	D	**210**	D	**60**	D	**260**	D
1,2-Dibromoethane	1.100	U	1.200	U	1.100	U	1.400	U	1.200	U	1	U	1.500	U
1,2-Dichlorobenzene	0.840	U	0.910	U	0.850	U	1.100	U	0.980	U	0.820	U	1.200	U
1,2-Dichloroethane	0.560	U	0.610	U	0.570	U	0.730	U	0.660	U	0.550	U	0.810	U
1,2-Dichloropropane	0.640	U	0.700	U	0.650	U	0.840	U	0.750	U	0.630	U	0.920	U
1,2-Dichlorotetrafluoroethane	0.970	U	1.100	U	0.980	U	1.300	U	1.100	U	0.950	U	1.400	U
1,3,5-Trimethylbenzene	**43**	D	**46**	D	**47**	D	**60**	D	**43**	D	**16**	D	**50**	D
1,3-Butadiene	0.920	U	14	D	0.930	U	1.200	U	1.100	U	23	D	1.300	U
1,3-Dichlorobenzene	0.840	U	0.910	U	0.850	U	1.100	U	0.980	U	0.820	U	1.200	U
1,3-Dichloropropane	0.640	U	0.700	U	0.650	U	0.840	U	0.750	U	0.630	U	0.920	U
1,4-Dichlorobenzene	0.840	U	0.910	U	0.850	U	1.100	U	0.980	U	0.820	U	1.200	U
1,4-Dioxane	1	U	1.100	U	1	U	1.300	U	1.200	U	0.980	U	1.400	U
2-Butanone	**26**	D	**61**	D	**85**	D	**61**	D	**2,100**	D	**1,700**	D	**490**	D
2-Hexanone	3.900	D	1.200	U	11	D	1.500	U	300	DE	110	DE	140	DE
3-Chloropropene	2.200	U	2.400	U	2.200	U	2.800	U	2.500	U	2.100	U	3.100	U
4-Methyl-2-pentanone	**73**	D	0.620	U	**94**	D	0.740	U	0.660	U	0.560	U	0.820	U
Acetone	**51**	D	**52**	D	**52**	D	**580**	D	**710**	D	**210**	D	**140**	D
Acrylonitrile	0.300	U	0.330	U	0.310	U	0.390	U	1.400	D	0.300	U	0.430	U
Benzene	**38**	D	**22**	D	**27**	D	**73**	D	**20**	D	**68**	D	**15**	D
Benzyl chloride	0.720	U	0.790	U	0.730	U	0.940	U	0.840	U	0.710	U	1	U
Bromodichloromethane	0.930	U	1	U	0.940	U	1.200	U	1.100	U	0.910	U	1.300	U
Bromoform	1.400	U	1.600	U	1.500	U	1.900	U	1.700	U	1.400	U	2.100	U

Table 3 - Soil Vapor Results Summary

Sample ID	SV-1		SV-2		SV-3		SV-4		SV-5		SV-6		SV-7	
York ID														
Sampling Date														
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Bromomethane	0.540	U	0.590	U	0.550	U	0.700	U	0.630	U	0.530	U	0.780	U
Carbon disulfide	23	D	49	D	5.200	D	28	D	0.510	U	0.420	U	0.870	D
Carbon tetrachloride	**0.350**	D	**0.670**	D	**0.270**	D	**0.280**	U	**0.310**	D	**0.510**	D	0.310	U
Chlorobenzene	**0.640**	U	**0.700**	U	**0.650**	U	**0.830**	U	**0.750**	U	**0.630**	U	**0.920**	U
Chloroethane	0.370	U	0.400	U	0.370	U	0.480	U	0.430	U	0.360	U	**0.530**	U
Chloroform	**0.880**	D	**4.600**	D	**46**	D	**7.400**	D	**68**	D	**0.670**	U	**5.100**	D
Chloromethane	0.290	U	0.310	U	**0.520**	D	**0.370**	U	**4.400**	D	**2.800**	D	0.410	U
cis-1,2-Dichloroethylene	0.140	U	0.150	U	**0.500**	D	0.180	U	0.160	U	0.140	U	0.200	U
cis-1,3-Dichloropropylene	0.630	U	0.690	U	0.640	U	0.820	U	0.740	U	0.620	U	0.910	U
Cyclohexane	**42**	D	**17**	D	**9.100**	D	**59**	D	**15**	D	**16**	D	**5.400**	D
Dibromochloromethane	1.200	U	1.300	U	1.200	U	1.500	U	1.400	U	1.200	U	1.700	U
Dichlorodifluoromethane	**2.800**	D	**2.500**	D	**2**	D	**3.700**	D	**2.900**	D	**2.200**	D	**2.100**	D
Ethyl acetate	6.900	D	2.500	D	1	U	11	D	1.200	U	0.980	U	1.400	U
Ethyl Benzene	**100**	D	**85**	D	**99**	D	**140**	D	**86**	D	**58**	D	**88**	D
Hexachlorobutadiene	1.500	U	1.600	U	1.500	U	1.900	U	1.700	U	1.500	U	2.100	U
Isopropanol	4.800	D	3	D	7.500	D	22	D	2.800	D	0.670	U	2.400	D
Methyl Methacrylate	**22**	D	0.620	U	0.580	U	0.740	U	0.660	U	0.560	U	0.820	U
Methyl tert-butyl ether (MTBE)	0.500	U	0.550	U	0.510	U	0.650	U	0.580	U	0.490	U	0.720	U
Methylene chloride	1.0	U	**3.3**	D	**1.0**	U	**2.3**	D	**4.5**	D	**1.3**	D	1.4	U
n-Heptane	**68**	D	**40**	D	**43**	D	**210**	D	**52**	D	**40**	D	**45**	D
n-Hexane	**130**	D	**48**	D	**45**	D	**120**	D	**48**	D	**54**	D	**44**	D
o-Xylene	**140**	D	**130**	D	**140**	D	**290**	D	**130**	D	**63**	D	**130**	D
p- & m- Xylenes	**480**	D	**440**	D	**510**	D	**680**	D	**430**	D	**200**	D	**470**	D
p-Ethyltoluene	200	D	210	D	220	D	250	D	190	D	63	D	220	D
Propylene	28	D	51	D	34	D	30	D	340	D	140	D	60	D
Styrene	0.590	U	0.650	U	0.600	U	0.770	U	0.690	U	0.580	U	0.850	U
Tetrachloroethylene	**200**	D	**1,200**	D	**200**	D	**380**	D	**20**	D	**1.4**	D	**62**	D
Tetrahydrofuran	0.820	U	0.890	U	0.830	U	1.100	U	0.960	U	0.8	U	1.200	U
Toluene	**230**	D	**150**	D	**180**	D	**340**	D	**150**	D	**190.0**	D	**150**	D

Table 3 - Soil Vapor Results Summary

Sample ID	SV-1		SV-2		SV-3		SV-4		SV-5		SV-6		SV-7	
York ID														
Sampling Date														
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
trans-1,2-Dichloroethylene	0.550	U	0.600	U	0.560	U	0.720	U	0.640	U	0.540	U	0.790	U
trans-1,3-Dichloropropylene	**0.630**	U	**0.690**	U	**0.640**	U	**0.820**	U	**0.740**	U	**0.620**	U	**0.910**	U
Trichloroethylene	**11**	D	**12**	D	**390**	D	**180**	D	**12**	D	**1.300**	D	**34**	D
Trichlorofluoromethane (Freon 11)	**1.300**	D	**1.400**	D	**1.600**	D	**2.100**	D	**1.500**	D	**1.400**	D	**2**	D
Vinyl acetate	0.490	U	0.530	U	0.500	U	0.640	U	0.570	U	0.480	U	0.700	U
Vinyl bromide	0.610	U	0.660	U	0.620	U	0.790	U	0.710	U	0.600	U	0.870	U
Vinyl Chloride	0.0890	U	0.0970	U	0.0900	U	0.120	U	0.100	U	0.0870	U	0.130	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits betwee

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Appendix A – Site Photographs



PHOTO 1: Geoprobe Drilling at B-1



PHOTO 2: B_1 Soil Samples



PHOTO 3: Soil Samples B-2



PHOTO 4: Soil Vapor Sample SV-1



PHOTO 5: Ground water sample collection GW-1

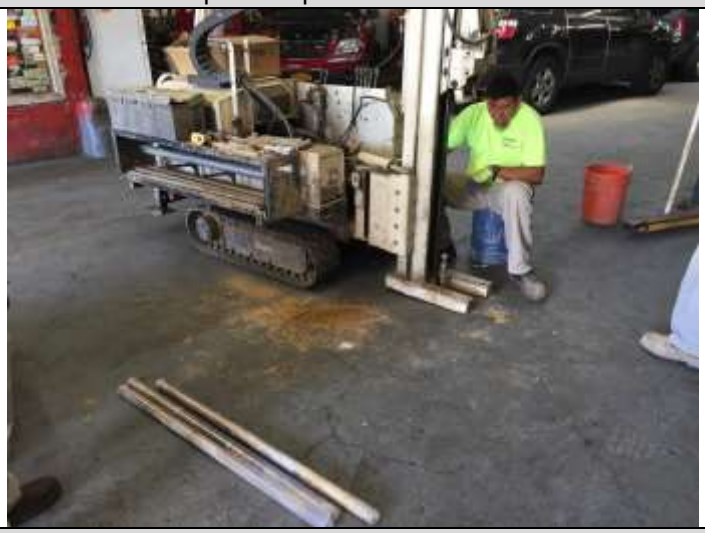


PHOTO 6: Geoprobe Drilling B-3



PHOTO 7: Soil Sample B-3



PHOTO 8: Geoprobe Drilling location B-4



PHOTO 9: Evidence of UST fillports in garage building



Photo 10: Soil Samples B-5



PHOTO 11: Soil Samples B-6



PHOTO 12: Soil Vapor Sample SV-4



PHOTO 13: Soil Vapor Sample B-5



PHOTO 14: B-7 Soil Samples



PHOTO 15: Soil Samples B-8



PHOTO 16: Soil Sample B-9



PHOTO 17: Soil Vapor Sample SV-6



PHOTO 18: Geoprobe Drilling B-10



PHOTO 19: Soil Sample B-10



PHOTO 20: Soil Sample B-11



PHOTO 21: Ground water sampling GW-4



Photo 22: Soil Samples B-13



PHOTO 23: Soil Vapor sample B-7



PHOTO 24: Sample collection and processing QA/QC

Appendix B – Laboratory Data Sheets

Technical Report

prepared for:

Tri-State Drilling Technologies, Inc.
94 Gardiners Avenue #388
Levittown NY, 11756
Attention: Nicholas Recchia

Report Date: 06/04/2018
Client Project ID: 1099 Webster
York Project (SDG) No.: 18E1104

Report Date: 06/04/2018
Client Project ID: 1099 Webster
York Project (SDG) No.: 18E1104

Tri-State Drilling Technologies, Inc.
94 Gardiners Avenue #388
Levittown NY, 11756
Attention: Nicholas Recchia

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 23, 2018 and listed below. The project was identified as your project: **1099 Webster**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18E1104-01	B-1 0-2 ft	Soil	05/21/2018	05/23/2018
18E1104-02	B-1 12-14 ft	Soil	05/21/2018	05/23/2018
18E1104-03	B-2 0-2 ft	Soil	05/21/2018	05/23/2018
18E1104-04	B-2 12-14 ft	Soil	05/21/2018	05/23/2018
18E1104-05	B-3 0-2 ft	Soil	05/21/2018	05/23/2018
18E1104-06	B-3 12-14 ft	Soil	05/21/2018	05/23/2018
18E1104-07	B-4 0-2 ft	Soil	05/21/2018	05/23/2018
18E1104-08	B-4 12-14 ft	Soil	05/21/2018	05/23/2018
18E1104-09	B-5 0-2 ft	Soil	05/21/2018	05/23/2018
18E1104-10	B-5 12-14 ft	Soil	05/21/2018	05/23/2018
18E1104-11	B-6 0-2 ft	Soil	05/21/2018	05/23/2018
18E1104-12	B-6 12-14 ft	Soil	05/21/2018	05/23/2018
18E1104-13	B-7 0-2 ft	Soil	05/21/2018	05/23/2018
18E1104-14	B-7 12-14 ft	Soil	05/21/2018	05/23/2018
18E1104-15	B-8 0-2 ft	Soil	05/21/2018	05/23/2018
18E1104-16	B-8 12-14 ft	Soil	05/21/2018	05/23/2018
18E1104-17	B-9 0-2 ft	Soil	05/22/2018	05/23/2018
18E1104-18	B-9 12-14 ft	Soil	05/22/2018	05/23/2018
18E1104-19	B-10 0-2 ft	Soil	05/22/2018	05/23/2018
18E1104-20	B-10 12-14 ft	Soil	05/22/2018	05/23/2018
18E1104-21	B-11 0-2 ft	Soil	05/22/2018	05/23/2018
18E1104-22	B-11 12-14 ft	Soil	05/22/2018	05/23/2018

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18E1104-23	B-12 0-2 ft	Soil	05/22/2018	05/23/2018
18E1104-24	B-12 12-14 ft	Soil	05/22/2018	05/23/2018
18E1104-25	B-13 0-2 ft	Soil	05/22/2018	05/23/2018
18E1104-26	B-13 12-14 ft	Soil	05/22/2018	05/23/2018

General Notes for York Project (SDG) No.: 18E1104

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 06/04/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **B-1 0-2 ft** **York Sample ID:** **18E1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	05/31/2018 08:50	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	AS

Sample Information

Client Sample ID: B-1 0-2 ft

York Sample ID: 18E1104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**15**		ug/kg dry	5.5	11	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: B-1 0-2 ft

York Sample ID: 18E1104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 08:50	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 08:50	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 08:50	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 08:50	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 08:50	AS
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 08:50	AS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 08:50	AS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 08:50	AS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/31/2018 08:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 08:50	AS

Sample Information

Client Sample ID: B-1 0-2 ft

York Sample ID: 18E1104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	05/31/2018 08:50	05/31/2018 08:50	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*121 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-1 0-2 ft

York Sample ID: 18E1104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	185	369	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**94.4**		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-1 0-2 ft

York Sample ID: 18E1104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**47.9**	J	ug/kg dry	46.2	92.2	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	185	369	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:06	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: B-1 0-2 ft **York Sample ID:** 18E1104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.3 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*42.2 %*			*21-113*						
1718-51-0	*Surrogate: Terphenyl-d14*	*39.1 %*			*24-116*						

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2018 05:02	05/29/2018 13:10	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/25/2018 05:02	05/29/2018 13:10	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 05:02	05/29/2018 13:10	SA

Sample Information

Client Sample ID: B-1 0-2 ft

York Sample ID: 18E1104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:10	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	9.09	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	92.0	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:39	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:39	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:39	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:39	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:39	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:39	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:39	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:39	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.9 %*	*30-140*

Sample Information

Client Sample ID: **B-1 0-2 ft** **York Sample ID:** **18E1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14200**		mg/kg dry	5.53	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**2.19**		mg/kg dry	0.553	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**1.32**		mg/kg dry	1.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**80.1**		mg/kg dry	1.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**12500**		mg/kg dry	5.53	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**32.1**		mg/kg dry	0.553	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**11.3**		mg/kg dry	0.553	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**23.3**		mg/kg dry	0.553	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**20300**		mg/kg dry	2.21	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**28.1**		mg/kg dry	0.553	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**8150**		mg/kg dry	5.53	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**199**		mg/kg dry	0.553	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**21.5**		mg/kg dry	0.553	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2890**		mg/kg dry	5.53	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.553	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**336**	B	mg/kg dry	11.1	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**38.4**		mg/kg dry	1.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**65.0**		mg/kg dry	1.66	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-1 0-2 ft **York Sample ID:** 18E1104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:00 am	05/23/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0838**		mg/kg dry	0.0332	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.4		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-1 12-14 ft **York Sample ID:** 18E1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: B-1 12-14 ft **York Sample ID:** 18E1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
123-91-1	1,4-Dioxane	ND		ug/kg dry	36	72	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
67-64-1	**Acetone**	**7.4**		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
107-02-8	Acrolein	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
107-13-1	Acrylonitrile	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
71-43-2	Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS

Sample Information

Client Sample ID: B-1 12-14 ft

York Sample ID: 18E1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
75-09-2	Methylene chloride	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS

Sample Information

Client Sample ID: B-1 12-14 ft **York Sample ID:** 18E1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.6	7.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.4	11	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:07	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

Sample Information

Client Sample ID: **B-1 12-14 ft** **York Sample ID:** **18E1104-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.9	192	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.9	192	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	192	384	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-1 12-14 ft **York Sample ID:** 18E1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-1 12-14 ft **York Sample ID:** 18E1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	48.1	95.9	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	192	384	2	EPA 8270D	05/29/2018 04:23	05/30/2018 13:36	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*88.3 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*79.8 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*96.7 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: B-1 12-14 ft

York Sample ID: 18E1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	37.9	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.49	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	96.0	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*103 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: B-1 12-14 ft

York Sample ID: 18E1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	05/25/2018 05:02	05/25/2018 21:51	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.6 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3920**		mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**0.642**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**32.9**		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.115	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.345	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**1970**		mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**4.35**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**12.6**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-1 12-14 ft **York Sample ID:** 18E1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 8:30 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**8860**		mg/kg dry	2.30	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7439-92-1	**Lead**	**1.76**		mg/kg dry	0.575	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7439-95-4	**Magnesium**	**2620**		mg/kg dry	5.75	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7439-96-5	**Manganese**	**413**		mg/kg dry	0.575	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7440-02-0	**Nickel**	**12.8**		mg/kg dry	0.575	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7440-09-7	**Potassium**	**978**		mg/kg dry	5.75	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7782-49-2	Selenium	ND		mg/kg dry	1.15	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7440-22-4	Silver	ND		mg/kg dry	0.575	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7440-23-5	**Sodium**	**207**	B	mg/kg dry	11.5	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP	05/30/2018 12:59	KML
7440-28-0	Thallium	ND		mg/kg dry	1.15	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7440-62-2	**Vanadium**	**14.4**		mg/kg dry	1.15	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML
7440-66-6	**Zinc**	**17.7**		mg/kg dry	1.72	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 12:59	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0345	1	EPA 7473 Certifications:	05/25/2018 09:00 CTDOH,NJDEP,NELAC-NY10854,PADEP	05/25/2018 15:30	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.0**		%	0.100	1	SM 2540G Certifications:	05/31/2018 12:57 CTDOH	05/31/2018 16:28	TAJ

Sample Information

Client Sample ID: **B-2 0-2 ft** **York Sample ID:** **18E1104-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 NELAC-NY10854,NELAC-NY12058,NJDEP	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-67-8	**1,3,5-Trimethylbenzene**	**1.4**	J	ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
123-91-1	1,4-Dioxane	ND		ug/kg dry	22	44	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
78-93-3	2-Butanone	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 15:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS

Sample Information

Client Sample ID: B-2 0-2 ft

York Sample ID: 18E1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**2.3**	J	ug/kg dry	2.2	4.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: B-2 0-2 ft

York Sample ID: 18E1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	**Tetrachloroethylene**	**1.8**	J	ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-2 0-2 ft

York Sample ID: 18E1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*121 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.4 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.7	181	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-2 0-2 ft

York Sample ID: 18E1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.7	181	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	182	363	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**79.0**	J	ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**95.7**		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**68.1**	J	ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**46.4**	J	ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**83.4**	J	ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**79.7**	J	ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 0-2 ft **York Sample ID:** 18E1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**160**		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**48.6**	J	ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**125**		ug/kg dry	45.5	90.7	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	182	363	2	EPA 8270D	05/29/2018 04:23	06/01/2018 22:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.9 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.3 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*49.2 %*	*24-116*

Sample Information

Client Sample ID: B-2 0-2 ft **York Sample ID:** 18E1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	35.8	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.94	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 0-2 ft **York Sample ID:** 18E1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	90.5	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:04	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:04	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:04	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:04	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:04	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:04	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:04	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:04	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10200**		mg/kg dry	5.44	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.544	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**12.5**		mg/kg dry	1.09	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 0-2 ft

York Sample ID: 18E1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**86.8**		mg/kg dry	1.09	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.326	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**41600**		mg/kg dry	5.44	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.3**		mg/kg dry	0.544	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.77**		mg/kg dry	0.544	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.7**		mg/kg dry	0.544	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14500**		mg/kg dry	2.17	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**23.0**		mg/kg dry	0.544	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2840**		mg/kg dry	5.44	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**207**		mg/kg dry	0.544	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.8**		mg/kg dry	0.544	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2540**		mg/kg dry	5.44	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.544	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**725**	B	mg/kg dry	10.9	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.3**		mg/kg dry	1.09	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**35.2**		mg/kg dry	1.63	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0351**		mg/kg dry	0.0326	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-2 0-2 ft **York Sample ID:** 18E1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:00 am	05/23/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.0		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-2 12-14 ft **York Sample ID:** 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

Sample Information

Client Sample ID: B-2 12-14 ft

York Sample ID: 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	25	50	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**9.3**		ug/kg dry	2.5	5.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-2 12-14 ft

York Sample ID: 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
67-66-3	Chloroform	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
74-87-3	Chloromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
110-82-7	Cyclohexane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 16:06	AS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 16:06	AS
74-95-3	Dibromomethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 16:06	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 16:06	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 16:06	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 16:06	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 16:06	AS
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 16:06	AS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 16:06	AS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 16:06	AS

Sample Information

Client Sample ID: B-2 12-14 ft **York Sample ID:** 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.3	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.8	7.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:06	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*124 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-2 12-14 ft

York Sample ID: 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	206	411	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 12-14 ft

York Sample ID: 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 12-14 ft

York Sample ID: 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	51.5	103	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	206	411	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*86.2 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*76.1 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*83.0 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	40.8	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 12-14 ft

York Sample ID: 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	103	5	EPA 8081B	05/25/2018 05:02	05/29/2018 13:55	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: B-2 12-14 ft **York Sample ID:** 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	1	EPA 8082A	05/25/2018 05:02	05/25/2018 22:17	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.6 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5090**		mg/kg dry	6.18	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.618	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.24	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**35.7**		mg/kg dry	1.24	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.124	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.371	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**12500**		mg/kg dry	6.18	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**15.9**		mg/kg dry	0.618	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**5.97**		mg/kg dry	0.618	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**13.7**		mg/kg dry	0.618	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**11000**		mg/kg dry	2.47	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2.08**		mg/kg dry	0.618	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**9260**		mg/kg dry	6.18	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**238**		mg/kg dry	0.618	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-2 12-14 ft **York Sample ID:** 18E1104-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 9:30 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**14.4**		mg/kg dry	0.618	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1780**		mg/kg dry	6.18	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.24	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.618	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**217**	B	mg/kg dry	12.4	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.24	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**17.2**		mg/kg dry	1.24	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**37.0**		mg/kg dry	1.85	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0371	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**81.0**		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-3 0-2 ft **York Sample ID:** 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Sample Information

Client Sample ID: B-3 0-2 ft **York Sample ID:** 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	30	61	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-93-3	2-Butanone	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-3 0-2 ft

York Sample ID: 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**8.6**		ug/kg dry	3.0	6.1	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: B-3 0-2 ft **York Sample ID:** 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
75-09-2	**Methylene chloride**	**3.6**	J	ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
95-47-6	o-Xylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	AS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	AS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
100-42-5	Styrene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
127-18-4	**Tetrachloroethylene**	**26**		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-88-3	Toluene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 16:35 CTDOH	AS

Sample Information

Client Sample ID: B-3 0-2 ft **York Sample ID:** 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	05/31/2018 10:00	05/31/2018 16:35	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-3 0-2 ft

York Sample ID: 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	186	371	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	**Benzyl butyl phthalate**	**64.5**	J	ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**190**		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-3 0-2 ft

York Sample ID: 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	186	371	2	EPA 8270D	05/29/2018 04:23	05/30/2018 14:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.3 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*54.7 %*	*24-116*

Sample Information

Client Sample ID: B-3 0-2 ft

York Sample ID: 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-3 0-2 ft **York Sample ID:** 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	5	EPA 8081B	05/29/2018 14:09	05/30/2018 17:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:29	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:29	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:29	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:29	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:29	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:29	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:29	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:29	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10300**		mg/kg dry	5.58	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.21**		mg/kg dry	0.558	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.31**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**87.4**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **B-3 0-2 ft** **York Sample ID:** **18E1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.479**		mg/kg dry	0.335	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**27600**		mg/kg dry	5.58	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.9**		mg/kg dry	0.558	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.76**		mg/kg dry	0.558	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.3**		mg/kg dry	0.558	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17300**		mg/kg dry	2.23	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**28.6**		mg/kg dry	0.558	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3890**		mg/kg dry	5.58	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**244**		mg/kg dry	0.558	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.4**		mg/kg dry	0.558	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1430**		mg/kg dry	5.58	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**543**	B	mg/kg dry	11.2	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.6**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**51.7**		mg/kg dry	1.67	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0335	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-3 0-2 ft **York Sample ID:** 18E1104-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:00 am	05/23/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/31/2018 12:57	05/31/2018 16:28	TAJ

Sample Information

Client Sample ID: B-3 12-14 ft **York Sample ID:** 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 10:00	05/31/2018 17:05	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/31/2018 10:00	05/31/2018 17:05	AS
120-82-1	**1,2,4-Trichlorobenzene**	**1.6**	J	ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 10:00	05/31/2018 17:05	AS
95-63-6	**1,2,4-Trimethylbenzene**	**1.8**	J	ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 17:05	AS

Sample Information

Client Sample ID: B-3 12-14 ft **York Sample ID:** 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	22	44	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**5.6**		ug/kg dry	2.2	4.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-3 12-14 ft **York Sample ID:** 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	**Methylene chloride**	**2.8**	J	ug/kg dry	2.2	4.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	**sec-Butylbenzene**	**22**		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-3 12-14 ft **York Sample ID:** 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	**tert-Butylbenzene**	**1.6**	J	ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.1	2.2	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:05	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*119 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*85.3 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-3 12-14 ft

York Sample ID: 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	204	408	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-3 12-14 ft

York Sample ID: 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-3 12-14 ft **York Sample ID:** 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	51.1	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	204	408	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*74.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.3 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.0 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	40.2	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-3 12-14 ft **York Sample ID:** 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:42	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:42	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:42	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:42	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:42	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: B-3 12-14 ft

York Sample ID: 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:42	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:42	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:42	SA
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.9 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6060**		mg/kg dry	6.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**0.626**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**42.7**		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.122	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.367	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**16000**		mg/kg dry	6.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**18.9**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**7.14**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**17.2**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12800**		mg/kg dry	2.44	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2.49**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**10300**		mg/kg dry	6.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**260**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**17.2**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-3 12-14 ft **York Sample ID:** 18E1104-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 10:30 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1930**		mg/kg dry	6.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**265**	B	mg/kg dry	12.2	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.3**		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**31.1**		mg/kg dry	1.83	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:12	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0367	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.8**		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-4 0-2 ft **York Sample ID:** 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: B-4 0-2 ft

York Sample ID: 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	26	53	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-93-3	2-Butanone	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-4 0-2 ft

York Sample ID: 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**2.8**	J	ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: B-4 0-2 ft

York Sample ID: 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 17:34	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 17:34	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 17:34	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 17:34	AS
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 17:34	AS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 17:34	AS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
100-42-5	Styrene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 17:34	AS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
127-18-4	**Tetrachloroethylene**	**2.8**		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
108-88-3	Toluene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 17:34	AS

Sample Information

Client Sample ID: B-4 0-2 ft

York Sample ID: 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.0	7.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 17:34	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*124 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.0 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.6	187	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-4 0-2 ft

York Sample ID: 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.6	187	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	187	375	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**59.8**	J	ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**189**		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**54.6**	J	ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-4 0-2 ft

York Sample ID: 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**90.5**	J	ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**66.6**	J	ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	187	375	2	EPA 8270D	05/29/2018 04:23	05/30/2018 15:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*74.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.0 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*71.9 %*	*24-116*

Sample Information

Client Sample ID: B-4 0-2 ft

York Sample ID: 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	37.0	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.24	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-4 0-2 ft

York Sample ID: 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.5	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:55	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:55	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:55	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:55	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:55	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:55	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:55	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	05/29/2018 14:09	05/30/2018 10:55	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.9 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9620**		mg/kg dry	5.61	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.626**		mg/kg dry	0.561	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**8.77**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**91.6**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **B-4 0-2 ft** **York Sample ID:** **18E1104-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.416**		mg/kg dry	0.337	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**30400**		mg/kg dry	5.61	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.8**		mg/kg dry	0.561	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.75**		mg/kg dry	0.561	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**24.3**		mg/kg dry	0.561	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17100**		mg/kg dry	2.24	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**46.3**		mg/kg dry	0.561	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3490**		mg/kg dry	5.61	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**263**		mg/kg dry	0.561	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.0**		mg/kg dry	0.561	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1730**		mg/kg dry	5.61	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.561	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**717**	B	mg/kg dry	11.2	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**28.6**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**61.6**		mg/kg dry	1.68	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-4 0-2 ft **York Sample ID:** 18E1104-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:00 am	05/23/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.1		%	0.100	1	SM 2540G Certifications: CTDOH	05/31/2018 12:57	05/31/2018 16:28	TAJ

Sample Information

Client Sample ID: B-4 12-14 ft **York Sample ID:** 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 10:00	05/31/2018 18:04	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/31/2018 10:00	05/31/2018 18:04	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 10:00	05/31/2018 18:04	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 18:04	AS

Sample Information

Client Sample ID: B-4 12-14 ft **York Sample ID:** 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	24	49	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**7.7**		ug/kg dry	2.4	4.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-4 12-14 ft

York Sample ID: 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
67-66-3	Chloroform	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
74-87-3	Chloromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
110-82-7	Cyclohexane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 18:04	AS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 18:04	AS
74-95-3	Dibromomethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 18:04	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 18:04	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 18:04	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 18:04	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 18:04	AS
75-09-2	Methylene chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 18:04	AS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 18:04	AS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 18:04	AS

Sample Information

Client Sample ID: B-4 12-14 ft **York Sample ID:** 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:04	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*121 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.3 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-4 12-14 ft **York Sample ID:** 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	205	409	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**759**		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-4 12-14 ft **York Sample ID:** 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**222**		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-4 12-14 ft **York Sample ID:** 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**554**		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**400**		ug/kg dry	51.2	102	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	205	409	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*75.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*95.7 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.9 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	40.4	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-4 12-14 ft **York Sample ID:** 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.02	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:07	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:07	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:07	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:07	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: B-4 12-14 ft **York Sample ID:** 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:07	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:07	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:07	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:07	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6920**		mg/kg dry	6.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**0.863**		mg/kg dry	0.615	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.23	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**49.6**		mg/kg dry	1.23	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.123	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.369	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2840**		mg/kg dry	6.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**22.5**		mg/kg dry	0.615	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**7.62**		mg/kg dry	0.615	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**17.6**		mg/kg dry	0.615	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**13300**		mg/kg dry	2.46	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2.93**		mg/kg dry	0.615	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4840**		mg/kg dry	6.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**222**		mg/kg dry	0.615	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-4 12-14 ft **York Sample ID:** 18E1104-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 11:30 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**18.6**		mg/kg dry	0.615	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2420**		mg/kg dry	6.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.23	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.615	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**265**	B	mg/kg dry	12.3	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.23	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.5**		mg/kg dry	1.23	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**34.3**		mg/kg dry	1.84	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:16	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0369	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.4**		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: B-5 0-2 ft **York Sample ID:** 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Sample Information

Client Sample ID: B-5 0-2 ft

York Sample ID: 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-5 0-2 ft **York Sample ID:** 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**16**		ug/kg dry	5.3	11	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: B-5 0-2 ft

York Sample ID: 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-5 0-2 ft

York Sample ID: 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C	05/31/2018 10:00	05/31/2018 18:33	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.7	191	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-5 0-2 ft **York Sample ID:** 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.7	191	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	192	383	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**55.8**	J	ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**64.2**	J	ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**61.2**	J	ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**117**		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**63.5**	J	ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**112**		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**73.4**	J	ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-5 0-2 ft **York Sample ID:** 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**66.5**	J	ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**56.6**	J	ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	192	383	2	EPA 8270D	05/29/2018 04:23	05/30/2018 16:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*82.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.1 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*68.8 %*	*24-116*

Sample Information

Client Sample ID: B-5 0-2 ft **York Sample ID:** 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	37.9	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.48	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-5 0-2 ft **York Sample ID:** 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.0	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:28	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*29.0 %*	GC-SC u	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:20	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:20	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:20	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:20	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:20	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:20	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:20	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:20	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.3 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4870**		mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.642**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**9.18**		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-5 0-2 ft

York Sample ID: 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**62.0**		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.115	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.33**		mg/kg dry	0.345	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**11200**		mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.61**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**56.0**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**9000**		mg/kg dry	2.30	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**198**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2580**		mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**113**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.0**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1190**		mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**300**	B	mg/kg dry	11.5	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**16.5**		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**142**		mg/kg dry	1.73	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0345	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-5 0-2 ft **York Sample ID:** 18E1104-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:00 pm	05/23/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.9		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-5 12-14 ft **York Sample ID:** 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

Sample Information

Client Sample ID: B-5 12-14 ft

York Sample ID: 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	27	54	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**5.8**		ug/kg dry	2.7	5.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-5 12-14 ft

York Sample ID: 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
67-66-3	Chloroform	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
74-87-3	Chloromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
110-82-7	Cyclohexane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
74-95-3	Dibromomethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
75-09-2	**Methylene chloride**	**3.1**	J	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	AS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	AS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS

Sample Information

Client Sample ID: B-5 12-14 ft **York Sample ID:** 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:03	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-5 12-14 ft

York Sample ID: 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 NELAC-NY10854,PADEP	05/30/2018 17:09	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.3	196	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.3	196	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
83-32-9	Acenaphthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
62-53-3	Aniline	ND		ug/kg dry	197	394	2	EPA 8270D Certifications:	05/29/2018 04:23 NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
120-12-7	Anthracene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications:	05/29/2018 04:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 17:09	SR

Sample Information

Client Sample ID: B-5 12-14 ft

York Sample ID: 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-5 12-14 ft **York Sample ID:** 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	197	394	2	EPA 8270D	05/29/2018 04:23	05/30/2018 17:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*75.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*72.0 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.0 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	38.8	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-5 12-14 ft **York Sample ID:** 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	9.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	98.3	5	EPA 8081B	05/29/2018 14:09	05/30/2018 18:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*109 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:58	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:58	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:58	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:58	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: B-5 12-14 ft

York Sample ID: 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:58	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:58	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:58	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 11:58	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.9 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4590**		mg/kg dry	5.90	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**1.17**		mg/kg dry	0.590	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.18	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**29.0**		mg/kg dry	1.18	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.118	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.354	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**11500**		mg/kg dry	5.90	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**14.6**		mg/kg dry	0.590	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**4.95**		mg/kg dry	0.590	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**9.91**		mg/kg dry	0.590	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**8550**		mg/kg dry	2.36	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2.23**		mg/kg dry	0.590	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**8760**		mg/kg dry	5.90	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**245**		mg/kg dry	0.590	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-5 12-14 ft **York Sample ID:** 18E1104-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 12:30 pm	05/23/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**12.0**		mg/kg dry	0.590	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1590**		mg/kg dry	5.90	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.33**		mg/kg dry	1.18	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.590	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**184**	B	mg/kg dry	11.8	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**14.1**		mg/kg dry	1.18	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**22.5**		mg/kg dry	1.77	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0354	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**84.8**		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-6 0-2 ft **York Sample ID:** 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Sample Information

Client Sample ID: B-6 0-2 ft

York Sample ID: 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 19:32	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP	05/31/2018 19:32	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 19:32	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS
123-91-1	1,4-Dioxane	ND		ug/kg dry	73	150	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 19:32	AS
78-93-3	2-Butanone	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 19:32	AS

Sample Information

Client Sample ID: B-6 0-2 ft

York Sample ID: 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**140**		ug/kg dry	7.3	15	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	7.3	15	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: B-6 0-2 ft **York Sample ID:** 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
79-20-9	Methyl acetate	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
75-09-2	Methylene chloride	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
95-47-6	o-Xylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	AS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	AS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
100-42-5	Styrene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-88-3	Toluene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications:	05/31/2018 10:00	05/31/2018 19:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS

Sample Information

Client Sample ID: B-6 0-2 ft

York Sample ID: 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications: CTDOH			
79-01-6	**Trichloroethylene**	**8.0**		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C	05/31/2018 10:00	05/31/2018 19:32	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*127 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*114 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*146 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.2	174	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-6 0-2 ft **York Sample ID:** 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.2	174	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	175	349	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-6 0-2 ft

York Sample ID: 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	175	349	2	EPA 8270D	05/29/2018 14:21	05/31/2018 00:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*45.1 %*	*21-113*

Sample Information

Client Sample ID: B-6 0-2 ft

York Sample ID: 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*54.0 %*			*24-116*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**6.13**		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	34.3	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: B-6 0-2 ft **York Sample ID:** 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	8.59	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	86.9	5	EPA 8081B	05/29/2018 14:09	05/31/2018 13:42	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.7 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*22.3 %*	GC-SCu	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	**Aroclor 1254**	**0.0262**		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.0262**		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:11	SA
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.4 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.1 %*		*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **B-6 0-2 ft** **York Sample ID:** **18E1104-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6920**		mg/kg dry	5.23	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-36-0	**Antimony**	**0.600**		mg/kg dry	0.523	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-38-2	**Arsenic**	**4.92**		mg/kg dry	1.05	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-39-3	**Barium**	**57.4**		mg/kg dry	1.05	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-43-9	**Cadmium**	**0.775**		mg/kg dry	0.314	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-70-2	**Calcium**	**11400**		mg/kg dry	5.23	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-47-3	**Chromium**	**25.0**		mg/kg dry	0.523	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-48-4	**Cobalt**	**6.00**		mg/kg dry	0.523	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-50-8	**Copper**	**23.9**		mg/kg dry	0.523	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-89-6	**Iron**	**13000**		mg/kg dry	2.09	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-92-1	**Lead**	**156**		mg/kg dry	0.523	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-95-4	**Magnesium**	**2800**		mg/kg dry	5.23	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-96-5	**Manganese**	**134**		mg/kg dry	0.523	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-02-0	**Nickel**	**14.5**		mg/kg dry	0.523	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-09-7	**Potassium**	**1230**		mg/kg dry	5.23	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7782-49-2	Selenium	ND		mg/kg dry	1.05	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-23-5	**Sodium**	**301**	B	mg/kg dry	10.5	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-62-2	**Vanadium**	**23.4**		mg/kg dry	1.05	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-66-6	**Zinc**	**63.4**		mg/kg dry	1.57	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:21	KML CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: B-6 0-2 ft **York Sample ID:** 18E1104-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:00 pm	05/23/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0314	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.7**		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-6 12-14 ft **York Sample ID:** 18E1104-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: B-6 12-14 ft

York Sample ID: 18E1104-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	23	46	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**7.7**		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-6 12-14 ft

York Sample ID: 18E1104-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-6 12-14 ft

York Sample ID: 18E1104-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:02	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*121 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*76-130*

Sample Information

Client Sample ID: B-6 12-14 ft

York Sample ID: 18E1104-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.1	192	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.1	192	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	192	385	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-6 12-14 ft

York Sample ID: 18E1104-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-6 12-14 ft **York Sample ID:** 18E1104-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	192	385	2	EPA 8270D	05/29/2018 14:21	05/30/2018 17:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*66.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.3 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*70.5 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: B-6 12-14 ft

York Sample ID: 18E1104-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	38.0	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.49	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	96.1	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **B-6 12-14 ft** **York Sample ID:** **18E1104-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:23	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.7 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4100**		mg/kg dry	5.76	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.576	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**20.8**		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.115	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.346	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1580**		mg/kg dry	5.76	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.2**		mg/kg dry	0.576	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.51**		mg/kg dry	0.576	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**9.50**		mg/kg dry	0.576	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **B-6 12-14 ft** **York Sample ID:** **18E1104-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 1:30 pm	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**8770**		mg/kg dry	2.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7439-92-1	**Lead**	**3.07**		mg/kg dry	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7439-95-4	**Magnesium**	**2810**		mg/kg dry	5.76	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7439-96-5	**Manganese**	**103**		mg/kg dry	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7440-02-0	**Nickel**	**11.6**		mg/kg dry	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7440-09-7	**Potassium**	**1290**		mg/kg dry	5.76	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7782-49-2	Selenium	ND		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7440-22-4	Silver	ND		mg/kg dry	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7440-23-5	**Sodium**	**147**	B	mg/kg dry	11.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/24/2018 08:01	05/30/2018 13:23	KML
7440-28-0	Thallium	ND		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7440-62-2	**Vanadium**	**13.3**		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML
7440-66-6	**Zinc**	**19.6**		mg/kg dry	1.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:23	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0346	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/25/2018 09:00	05/25/2018 15:30	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.8**		%	0.100	1	SM 2540G Certifications: CTDOH	05/31/2018 12:57	05/31/2018 16:28	TAJ

Sample Information

Client Sample ID: **B-7 0-2 ft** **York Sample ID:** **18E1104-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	**1,2,4-Trimethylbenzene**	**19**		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	**1,3,5-Trimethylbenzene**	**9.1**		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	78	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	**2-Butanone**	**6.3**		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-7 0-2 ft

York Sample ID: 18E1104-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
108-10-1	**4-Methyl-2-pentanone**	**2.6**	J	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
67-64-1	**Acetone**	**33**		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
107-02-8	Acrolein	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
71-43-2	Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 20:31	AS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 20:31	AS
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 20:31	AS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 20:31	AS
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 20:31	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 20:31	AS

Sample Information

Client Sample ID: B-7 0-2 ft **York Sample ID:** 18E1104-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	**n-Butylbenzene**	**2.5**	J	ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	**o-Xylene**	**2.6**	J	ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-7 0-2 ft

York Sample ID: 18E1104-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C	05/31/2018 10:00	05/31/2018 20:31	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**114**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.3	172	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-7 0-2 ft

York Sample ID: 18E1104-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.3	172	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	173	346	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**88.3**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**131**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**139**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**229**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**102**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**103**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**52.4**	J	ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-7 0-2 ft **York Sample ID:** 18E1104-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**117**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**124**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**53.1**	J	ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**48.3**	J	ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**158**		ug/kg dry	43.2	86.3	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	173	346	2	EPA 8270D	05/29/2018 14:21	05/30/2018 18:10	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*38.3 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*41.1 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*65.7 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **B-7 0-2 ft** **York Sample ID:** **18E1104-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**2.18**		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	34.2	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.71	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.54	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-7 0-2 ft **York Sample ID:** 18E1104-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	86.5	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:36	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:36	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:36	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:36	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:36	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:36	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:36	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:36	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7410**		mg/kg dry	5.19	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.585**		mg/kg dry	0.519	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**68.0**		mg/kg dry	1.04	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**107**		mg/kg dry	1.04	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **B-7 0-2 ft** **York Sample ID:** **18E1104-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-43-9	**Cadmium**	**1.03**		mg/kg dry	0.311	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-70-2	**Calcium**	**14600**		mg/kg dry	5.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-47-3	**Chromium**	**20.1**		mg/kg dry	0.519	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-48-4	**Cobalt**	**6.97**		mg/kg dry	0.519	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-50-8	**Copper**	**22.5**		mg/kg dry	0.519	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7439-89-6	**Iron**	**14400**		mg/kg dry	2.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7439-92-1	**Lead**	**69.9**		mg/kg dry	0.519	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7439-95-4	**Magnesium**	**4940**		mg/kg dry	5.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7439-96-5	**Manganese**	**359**		mg/kg dry	0.519	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-02-0	**Nickel**	**18.1**		mg/kg dry	0.519	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-09-7	**Potassium**	**1900**		mg/kg dry	5.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7782-49-2	Selenium	ND		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-22-4	Silver	ND		mg/kg dry	0.519	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-23-5	**Sodium**	**691**	B	mg/kg dry	10.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-62-2	**Vanadium**	**23.6**		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML
7440-66-6	**Zinc**	**78.1**		mg/kg dry	1.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 08:01	05/30/2018 13:25	KML

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0813**		mg/kg dry	0.0311	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/25/2018 09:00	05/25/2018 15:30	SY

Sample Information

Client Sample ID: B-7 0-2 ft **York Sample ID:** 18E1104-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:00 pm	05/23/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.3		%	0.100	1	SM 2540G Certifications: CTDOH	05/31/2018 12:57	05/31/2018 16:28	TAJ

Sample Information

Client Sample ID: B-7 12-14 ft **York Sample ID:** 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 10:00	05/31/2018 21:00	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/31/2018 10:00	05/31/2018 21:00	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 10:00	05/31/2018 21:00	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:00	AS

Sample Information

Client Sample ID: B-7 12-14 ft

York Sample ID: 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	36	71	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**5.8**	J	ug/kg dry	3.6	7.1	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	3.6	7.1	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-7 12-14 ft

York Sample ID: 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/kg dry	3.6	7.1	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.6	7.1	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-7 12-14 ft

York Sample ID: 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.4	11	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:00	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*121 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.3 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-7 12-14 ft

York Sample ID: 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	187	373	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-7 12-14 ft

York Sample ID: 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-7 12-14 ft

York Sample ID: 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	187	373	2	EPA 8270D	05/29/2018 14:21	05/31/2018 02:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.8 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*59.0 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-7 12-14 ft

York Sample ID: 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:35	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:48	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:48	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:48	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:48	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: B-7 12-14 ft

York Sample ID: 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:48	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:48	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:48	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 12:48	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.9 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9060**		mg/kg dry	5.59	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**1.02**		mg/kg dry	0.559	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**55.7**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**1390**		mg/kg dry	5.59	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**21.6**		mg/kg dry	0.559	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**8.43**		mg/kg dry	0.559	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**14.2**		mg/kg dry	0.559	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**15700**		mg/kg dry	2.23	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2.41**		mg/kg dry	0.559	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4100**		mg/kg dry	5.59	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**173**		mg/kg dry	0.559	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-7 12-14 ft **York Sample ID:** 18E1104-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 2:30 pm	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**20.6**		mg/kg dry	0.559	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1790**		mg/kg dry	5.59	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.559	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**939**	B	mg/kg dry	11.2	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.9**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**37.0**		mg/kg dry	1.68	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0335	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**89.5**		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: B-8 0-2 ft **York Sample ID:** 18E1104-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Sample Information

Client Sample ID: B-8 0-2 ft

York Sample ID: 18E1104-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	**1,2,4-Trimethylbenzene**	**57**		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	**1,3,5-Trimethylbenzene**	**31**		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	34	68	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	**2-Butanone**	**5.6**		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-8 0-2 ft

York Sample ID: 18E1104-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
108-10-1	**4-Methyl-2-pentanone**	**13**		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
67-64-1	**Acetone**	**37**		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
107-02-8	Acrolein	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
107-13-1	Acrylonitrile	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
71-43-2	Benzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 21:30	AS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
75-25-2	Bromoform	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
75-00-3	Chloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 21:30	AS
110-82-7	Cyclohexane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 21:30	AS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 21:30	AS
74-95-3	Dibromomethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 21:30	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 21:30	AS

Sample Information

Client Sample ID: B-8 0-2 ft **York Sample ID:** 18E1104-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	**Methylene chloride**	**3.5**	J	ug/kg dry	3.4	6.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	**n-Butylbenzene**	**8.9**		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	**n-Propylbenzene**	**1.8**	J	ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	**o-Xylene**	**7.4**		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	**p- & m- Xylenes**	**7.2**		ug/kg dry	3.4	6.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	**tert-Butyl alcohol (TBA)**	**3.9**		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: **B-8 0-2 ft** **York Sample ID:** **18E1104-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	**Xylenes, Total**	**15**		ug/kg dry	5.1	10	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:30	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**217**		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-8 0-2 ft

York Sample ID: 18E1104-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	175	351	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**95.2**		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**109**		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**127**		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**131**		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**108**		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**117**		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-8 0-2 ft **York Sample ID:** 18E1104-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
206-44-0	**Fluoranthene**	**169**		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
86-73-7	Fluorene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**81.2**	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
78-59-1	Isophorone	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
91-20-3	**Naphthalene**	**143**		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
85-01-8	**Phenanthrene**	**64.4**	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
129-00-0	**Pyrene**	**161**		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH
110-86-1	Pyridine	ND		ug/kg dry	175	351	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 00:43	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.4 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.7 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*56.6 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: B-8 0-2 ft **York Sample ID:** 18E1104-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	34.6	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.64	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-8 0-2 ft **York Sample ID:** 18E1104-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	87.5	5	EPA 8081B	05/29/2018 14:09	05/30/2018 19:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:18	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:18	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:18	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:18	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:18	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:18	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:18	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:18	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8990**		mg/kg dry	5.27	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**1.04**		mg/kg dry	0.527	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**113**		mg/kg dry	1.05	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**245**		mg/kg dry	1.05	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-8 0-2 ft** **York Sample ID:** **18E1104-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**2.04**		mg/kg dry	0.316	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**48300**		mg/kg dry	5.27	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.527	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.01**		mg/kg dry	0.527	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**31.1**		mg/kg dry	0.527	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15200**		mg/kg dry	2.11	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**166**		mg/kg dry	0.527	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**10900**		mg/kg dry	5.27	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**288**		mg/kg dry	0.527	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.9**		mg/kg dry	0.527	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1580**		mg/kg dry	5.27	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.05	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.527	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**968**	B	mg/kg dry	10.5	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.2**		mg/kg dry	1.05	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**200**		mg/kg dry	1.58	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-8 0-2 ft **York Sample ID:** 18E1104-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:00 pm	05/23/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.9		%	0.100	1	SM 2540G Certifications: CTDOH	05/31/2018 12:57	05/31/2018 16:28	TAJ

Sample Information

Client Sample ID: B-8 12-14 ft **York Sample ID:** 18E1104-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 10:00	05/31/2018 21:59	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/31/2018 10:00	05/31/2018 21:59	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 10:00	05/31/2018 21:59	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 21:59	AS

Sample Information

Client Sample ID: B-8 12-14 ft

York Sample ID: 18E1104-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	38	76	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**13**		ug/kg dry	3.8	7.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-8 12-14 ft

York Sample ID: 18E1104-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	**Methylene chloride**	**4.1**	J	ug/kg dry	3.8	7.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-8 12-14 ft **York Sample ID:** 18E1104-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.7	11	1	EPA 8260C	05/31/2018 10:00	05/31/2018 21:59	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-8 12-14 ft

York Sample ID: 18E1104-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.7	199	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.7	199	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
83-32-9	Acenaphthene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-53-3	Aniline	ND		ug/kg dry	200	399	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-8 12-14 ft

York Sample ID: 18E1104-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-8 12-14 ft **York Sample ID:** 18E1104-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	50.0	99.7	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	200	399	2	EPA 8270D	05/30/2018 05:13	05/30/2018 18:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*72.1 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.9 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*63.7 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	39.4	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-8 12-14 ft **York Sample ID:** 18E1104-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.97	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	9.85	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	99.7	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:30	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:30	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:30	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:30	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-8 12-14 ft** **York Sample ID:** **18E1104-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:30	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:30	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:30	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:30	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16200**		mg/kg dry	6.00	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**1.24**		mg/kg dry	0.600	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.20	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**52.1**		mg/kg dry	1.20	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.120	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.360	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**989**		mg/kg dry	6.00	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**30.2**		mg/kg dry	0.600	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.600	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**14.4**		mg/kg dry	0.600	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**19900**		mg/kg dry	2.40	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**5.38**		mg/kg dry	0.600	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**5780**		mg/kg dry	6.00	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**123**		mg/kg dry	0.600	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-8 12-14 ft **York Sample ID:** 18E1104-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 21, 2018 3:30 pm	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**21.7**		mg/kg dry	0.600	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1240**		mg/kg dry	6.00	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.20	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.600	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**1600**	B	mg/kg dry	12.0	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.20	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.7**		mg/kg dry	1.20	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**51.0**		mg/kg dry	1.80	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0360	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**83.4**		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: B-9 0-2 ft **York Sample ID:** 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Sample Information

Client Sample ID: B-9 0-2 ft **York Sample ID:** 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-9 0-2 ft

York Sample ID: 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**16**		ug/kg dry	4.6	9.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: B-9 0-2 ft

York Sample ID: 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 22:28	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 22:28	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 22:28	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 22:28	AS
75-09-2	**Methylene chloride**	**4.9**	J	ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 22:28	AS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 22:28	AS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 22:28	AS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:28	AS

Sample Information

Client Sample ID: B-9 0-2 ft

York Sample ID: 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:28	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	**2-Methylnaphthalene**	**233**		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.1	186	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-9 0-2 ft **York Sample ID:** 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.1	186	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**1480**		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**57.3**	J	ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	186	373	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**4050**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**7790**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**6630**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**6630**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**4880**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**5620**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**48.3**	J	ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**1160**		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**6720**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**1560**		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**1080**		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-9 0-2 ft **York Sample ID:** 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**20100**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**1720**		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4170**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**261**		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	93.1	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**18200**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**16200**		ug/kg dry	466	931	20	EPA 8270D	05/30/2018 05:13	06/01/2018 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	186	373	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*83.9 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*72.3 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.9 %*	*24-116*

Sample Information

Client Sample ID: B-9 0-2 ft

York Sample ID: 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	36.9	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.22	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-9 0-2 ft

York Sample ID: 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.3	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:43	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:43	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:43	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:43	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:43	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:43	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:43	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:43	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8290**		mg/kg dry	5.60	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.10**		mg/kg dry	0.560	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.32**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**59.8**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-9 0-2 ft

York Sample ID: 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.336	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**25700**		mg/kg dry	5.60	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.2**		mg/kg dry	0.560	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.23**		mg/kg dry	0.560	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.3**		mg/kg dry	0.560	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12600**		mg/kg dry	2.24	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**22.2**		mg/kg dry	0.560	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7510**		mg/kg dry	5.60	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**196**		mg/kg dry	0.560	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	0.560	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1600**		mg/kg dry	5.60	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.560	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**688**	B	mg/kg dry	11.2	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.4**		mg/kg dry	1.12	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**45.2**		mg/kg dry	1.68	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0869**		mg/kg dry	0.0336	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-9 0-2 ft **York Sample ID:** 18E1104-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:00 am	05/23/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.3		%	0.100	1	SM 2540G Certifications: CTDOH	05/31/2018 12:57	05/31/2018 16:28	TAJ

Sample Information

Client Sample ID: B-9 12-14 ft **York Sample ID:** 18E1104-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 10:00	05/31/2018 22:58	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/31/2018 10:00	05/31/2018 22:58	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 10:00	05/31/2018 22:58	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:00	05/31/2018 22:58	AS

Sample Information

Client Sample ID: B-9 12-14 ft

York Sample ID: 18E1104-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	25	49	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**5.8**		ug/kg dry	2.5	4.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-9 12-14 ft

York Sample ID: 18E1104-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
67-66-3	Chloroform	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
74-87-3	Chloromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
110-82-7	Cyclohexane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 22:58	AS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 22:58	AS
74-95-3	Dibromomethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 22:58	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 22:58	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 22:58	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 22:58	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/31/2018 22:58	AS
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 22:58	AS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 22:58	AS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications:	05/31/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 22:58	AS

Sample Information

Client Sample ID: B-9 12-14 ft

York Sample ID: 18E1104-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.2	2.5	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.7	7.4	1	EPA 8260C	05/31/2018 10:00	05/31/2018 22:58	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*122 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-9 12-14 ft

York Sample ID: 18E1104-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.2	188	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.2	188	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
83-32-9	Acenaphthene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-53-3	Aniline	ND		ug/kg dry	189	377	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-9 12-14 ft

York Sample ID: 18E1104-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-9 12-14 ft **York Sample ID:** 18E1104-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	189	377	2	EPA 8270D	05/30/2018 05:13	05/30/2018 19:42	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*81.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.3 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.8 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	37.3	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-9 12-14 ft

York Sample ID: 18E1104-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	9.31	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	94.3	5	EPA 8081B	05/29/2018 14:09	05/30/2018 20:50	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:56	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:56	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:56	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:56	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-9 12-14 ft** **York Sample ID:** **18E1104-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:56	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:56	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:56	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	05/29/2018 14:09	05/30/2018 13:56	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10000**		mg/kg dry	5.65	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**2.06**		mg/kg dry	0.565	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.13	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**45.3**		mg/kg dry	1.13	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.113	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.339	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2500**		mg/kg dry	5.65	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**26.1**		mg/kg dry	0.565	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**11.2**		mg/kg dry	0.565	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**8.96**		mg/kg dry	0.565	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**11100**		mg/kg dry	2.26	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2.96**		mg/kg dry	0.565	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3980**		mg/kg dry	5.65	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**115**		mg/kg dry	0.565	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-9 12-14 ft **York Sample ID:** 18E1104-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 8:30 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**18.0**		mg/kg dry	0.565	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**681**		mg/kg dry	5.65	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.13	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.565	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**167**	B	mg/kg dry	11.3	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.13	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	1.13	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**38.5**		mg/kg dry	1.69	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0339	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-10 0-2 ft **York Sample ID:** 18E1104-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Sample Information

Client Sample ID: **B-10 0-2 ft** **York Sample ID:** **18E1104-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-10 0-2 ft

York Sample ID: 18E1104-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	Acetone	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: **B-10 0-2 ft** **York Sample ID:** **18E1104-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-10 0-2 ft

York Sample ID: 18E1104-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C	05/31/2018 10:00	05/31/2018 23:27	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.6	197	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-10 0-2 ft** **York Sample ID:** **18E1104-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.6	197	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	198	395	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-10 0-2 ft

York Sample ID: 18E1104-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**56.8**	J	ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**78.9**	J	ug/kg dry	49.4	98.6	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	198	395	2	EPA 8270D	05/30/2018 05:13	05/30/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*70.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.4 %*	*21-113*

Sample Information

Client Sample ID: B-10 0-2 ft

York Sample ID: 18E1104-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*57.0 %*			*24-116*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
309-00-2	Aldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/29/2018 14:09	05/30/2018 21:05	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/29/2018 14:09	05/30/2018 21:05	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
72-20-8	Endrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 14:09	05/30/2018 21:05	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/29/2018 14:09	05/30/2018 21:05	SA

Sample Information

Client Sample ID: **B-10 0-2 ft** **York Sample ID:** **18E1104-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	9.72	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	98.3	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*75.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:08	SA
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*65.3 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*44.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **B-10 0-2 ft** **York Sample ID:** **18E1104-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10900**		mg/kg dry	5.91	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-36-0	**Antimony**	**0.843**		mg/kg dry	0.591	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-38-2	**Arsenic**	**1.49**		mg/kg dry	1.18	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-39-3	**Barium**	**52.0**		mg/kg dry	1.18	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-41-7	Beryllium	ND		mg/kg dry	0.118	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-43-9	Cadmium	ND		mg/kg dry	0.355	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-70-2	**Calcium**	**11300**		mg/kg dry	5.91	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-47-3	**Chromium**	**21.1**		mg/kg dry	0.591	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-48-4	**Cobalt**	**8.43**		mg/kg dry	0.591	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-50-8	**Copper**	**16.5**		mg/kg dry	0.591	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-89-6	**Iron**	**17900**		mg/kg dry	2.37	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-92-1	**Lead**	**16.4**		mg/kg dry	0.591	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-95-4	**Magnesium**	**7100**		mg/kg dry	5.91	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-96-5	**Manganese**	**264**		mg/kg dry	0.591	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-02-0	**Nickel**	**16.3**		mg/kg dry	0.591	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-09-7	**Potassium**	**922**		mg/kg dry	5.91	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7782-49-2	Selenium	ND		mg/kg dry	1.18	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-22-4	Silver	ND		mg/kg dry	0.591	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-23-5	**Sodium**	**144**	B	mg/kg dry	11.8	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-62-2	**Vanadium**	**26.0**		mg/kg dry	1.18	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-66-6	**Zinc**	**40.1**		mg/kg dry	1.77	1	EPA 6010C Certifications:	05/24/2018 08:01	05/30/2018 13:41	KML CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: B-10 0-2 ft **York Sample ID:** 18E1104-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:00 am	05/23/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0575**		mg/kg dry	0.0355	1	EPA 7473	05/25/2018 09:00	05/25/2018 15:30	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.5**		%	0.100	1	SM 2540G	05/31/2018 12:57	05/31/2018 16:28	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: B-10 12-14 ft **York Sample ID:** 18E1104-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		

Sample Information

Client Sample ID: B-10 12-14 ft

York Sample ID: 18E1104-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	37	75	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**19**		ug/kg dry	3.7	7.5	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	3.7	7.5	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-10 12-14 ft

York Sample ID: 18E1104-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 03:23	AS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 03:23	AS
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 03:23	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 03:23	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 03:23	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 03:23	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 03:23	AS
75-09-2	**Methylene chloride**	**4.2**	J	ug/kg dry	3.7	7.5	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications:	06/01/2018 03:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 03:23	AS

Sample Information

Client Sample ID: B-10 12-14 ft

York Sample ID: 18E1104-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.7	7.5	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.6	11	1	EPA 8260C	06/01/2018 03:23	06/01/2018 03:23	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*76-130*

Sample Information

Client Sample ID: **B-10 12-14 ft** **York Sample ID:** **18E1104-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	181	362	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-10 12-14 ft

York Sample ID: 18E1104-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-10 12-14 ft **York Sample ID:** 18E1104-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	181	362	2	EPA 8270D	05/30/2018 05:13	06/01/2018 21:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*74.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.3 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*50.3 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: B-10 12-14 ft

York Sample ID: 18E1104-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	35.7	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.92	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	90.3	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:21	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: B-10 12-14 ft **York Sample ID:** 18E1104-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:21	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:21	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:21	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:21	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:21	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:21	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:21	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5120**		mg/kg dry	5.42	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**1.11**		mg/kg dry	0.542	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.08	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**38.0**		mg/kg dry	1.08	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.108	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.325	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**1980**		mg/kg dry	5.42	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**19.8**		mg/kg dry	0.542	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**5.43**		mg/kg dry	0.542	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**12.2**		mg/kg dry	0.542	1	EPA 6010C	05/24/2018 08:01	05/30/2018 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-10 12-14 ft** **York Sample ID:** **18E1104-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 9:30 am	05/23/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**6920**		mg/kg dry	2.17	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7439-92-1	**Lead**	**2.36**		mg/kg dry	0.542	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7439-95-4	**Magnesium**	**2360**		mg/kg dry	5.42	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7439-96-5	**Manganese**	**72.5**		mg/kg dry	0.542	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7440-02-0	**Nickel**	**11.4**		mg/kg dry	0.542	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7440-09-7	**Potassium**	**1280**		mg/kg dry	5.42	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7782-49-2	Selenium	ND		mg/kg dry	1.08	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7440-23-5	**Sodium**	**223**	B	mg/kg dry	10.8	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP	05/30/2018 13:43	KML
7440-28-0	Thallium	ND		mg/kg dry	1.08	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7440-62-2	**Vanadium**	**18.1**		mg/kg dry	1.08	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML
7440-66-6	**Zinc**	**28.7**		mg/kg dry	1.62	1	EPA 6010C Certifications:	05/24/2018 08:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2018 13:43	KML

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	1	EPA 7473 Certifications:	05/25/2018 09:00 CTDOH,NJDEP,NELAC-NY10854,PADEP	05/25/2018 15:30	SY

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	1	SM 2540G Certifications:	05/31/2018 12:57 CTDOH	05/31/2018 16:28	TAJ

Sample Information

Client Sample ID: **B-11 0-2 ft** **York Sample ID:** **18E1104-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND	IS-LO	ug/kg dry	39	77	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-93-3	2-Butanone	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: **B-11 0-2 ft** **York Sample ID:** **18E1104-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	Acetone	ND	IS-LO	ug/kg dry	3.9	7.7	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND	IS-LO	ug/kg dry	3.9	7.7	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: **B-11 0-2 ft** **York Sample ID:** **18E1104-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
100-41-4	Ethyl Benzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
79-20-9	Methyl acetate	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-87-2	Methylcyclohexane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
75-09-2	Methylene chloride	ND	IS-LO	ug/kg dry	3.9	7.7	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
95-47-6	o-Xylene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	AS
179601-23-1	p- & m- Xylenes	ND	IS-LO	ug/kg dry	3.9	7.7	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	AS
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
100-42-5	Styrene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	AS
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
127-18-4	Tetrachloroethylene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
108-88-3	Toluene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 03:52	06/01/2018 03:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	AS

Sample Information

Client Sample ID: B-11 0-2 ft **York Sample ID:** 18E1104-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	ND	IS-LO	ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND	IS-LO	ug/kg dry	5.8	12	1	EPA 8260C	06/01/2018 03:52	06/01/2018 03:52	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*124 %*	IS-LO	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	IS-LO	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*		*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	110	220	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-11 0-2 ft** **York Sample ID:** **18E1104-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	110	220	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	221	442	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-11 0-2 ft

York Sample ID: 18E1104-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	55.3	110	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	221	442	2	EPA 8270D	05/30/2018 05:13	06/02/2018 00:31	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*72.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.7 %*	*21-113*

Sample Information

Client Sample ID: B-11 0-2 ft

York Sample ID: 18E1104-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*46.9 %*			*24-116*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	43.5	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: B-11 0-2 ft

York Sample ID: 18E1104-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.17	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	10.9	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	110	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:35	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*88.7 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*82.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0219	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0219	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0219	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0219	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0219	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0219	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0219	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0219	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:33	SA
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*74.8 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*60.8 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **B-11 0-2 ft** **York Sample ID:** **18E1104-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17400**		mg/kg dry	6.61	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-36-0	Antimony	ND		mg/kg dry	0.661	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-38-2	**Arsenic**	**1.74**		mg/kg dry	1.32	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-39-3	**Barium**	**119**		mg/kg dry	1.32	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.132	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-43-9	**Cadmium**	**0.559**		mg/kg dry	0.397	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-70-2	**Calcium**	**26200**		mg/kg dry	6.61	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-47-3	**Chromium**	**39.1**		mg/kg dry	0.661	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-48-4	**Cobalt**	**12.7**		mg/kg dry	0.661	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-50-8	**Copper**	**23.7**		mg/kg dry	0.661	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7439-89-6	**Iron**	**21700**		mg/kg dry	2.65	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7439-92-1	**Lead**	**12.4**		mg/kg dry	0.661	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7439-95-4	**Magnesium**	**18300**		mg/kg dry	6.61	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7439-96-5	**Manganese**	**551**		mg/kg dry	0.661	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-02-0	**Nickel**	**23.8**		mg/kg dry	0.661	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-09-7	**Potassium**	**1120**	B	mg/kg dry	6.61	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7782-49-2	Selenium	ND		mg/kg dry	1.32	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-22-4	Silver	ND		mg/kg dry	0.661	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-23-5	**Sodium**	**150**		mg/kg dry	13.2	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP	05/29/2018 19:25	KML
7440-28-0	Thallium	ND		mg/kg dry	1.32	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-62-2	**Vanadium**	**50.5**		mg/kg dry	1.32	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML
7440-66-6	**Zinc**	**59.1**		mg/kg dry	1.98	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:25	KML

Sample Information

Client Sample ID: B-11 0-2 ft **York Sample ID:** 18E1104-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:00 am	05/23/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0853**		mg/kg dry	0.0397	1	EPA 7473	05/25/2018 13:22	05/25/2018 15:33	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.6**		%	0.100	1	SM 2540G	05/31/2018 12:58	05/31/2018 16:36	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: B-11 12-14 ft **York Sample ID:** 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		

Sample Information

Client Sample ID: B-11 12-14 ft

York Sample ID: 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	79	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**17**		ug/kg dry	4.0	7.9	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	4.0	7.9	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-11 12-14 ft

York Sample ID: 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	7.9	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-11 12-14 ft

York Sample ID: 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	7.9	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.9	12	1	EPA 8260C	06/01/2018 04:22	06/01/2018 04:22	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*123 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.5 %*	*76-130*

Sample Information

Client Sample ID: B-11 12-14 ft

York Sample ID: 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,PADEP	06/02/2018 01:02	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,PADEP	06/02/2018 01:02	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,PADEP	06/02/2018 01:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
83-32-9	Acenaphthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
62-53-3	Aniline	ND		ug/kg dry	192	384	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
120-12-7	Anthracene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 01:02	SR

Sample Information

Client Sample ID: B-11 12-14 ft **York Sample ID:** 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-11 12-14 ft **York Sample ID:** 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	192	384	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*63.9 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*46.7 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*44.4 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: B-11 12-14 ft

York Sample ID: 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	37.9	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.47	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	95.9	5	EPA 8081B	05/29/2018 14:09	05/30/2018 21:50	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:46	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: B-11 12-14 ft

York Sample ID: 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:46	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:46	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:46	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:46	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:46	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:46	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:46	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.8 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17900**		mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.17**		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**59.9**		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.449**		mg/kg dry	0.115	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.464**		mg/kg dry	0.345	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**45200**		mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**29.8**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**14.9**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**35.8**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**26000**		mg/kg dry	2.30	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-11 12-14 ft

York Sample ID: 18E1104-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 10:30 am	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**10.2**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**34900**		mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**572**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**22.1**		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1350**	B	mg/kg dry	5.75	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.575	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**148**		mg/kg dry	11.5	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**36.7**		mg/kg dry	1.15	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**61.8**		mg/kg dry	1.73	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0345	1	EPA 7473	05/25/2018 13:22	05/25/2018 15:33	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.9**		%	0.100	1	SM 2540G	05/31/2018 12:58	05/31/2018 16:36	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: **B-12 0-2 ft** **York Sample ID:** **18E1104-23**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	32	65	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-93-3	2-Butanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: **B-12 0-2 ft** **York Sample ID:** **18E1104-23**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**6.8**		ug/kg dry	3.2	6.5	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: **B-12 0-2 ft** **York Sample ID:** **18E1104-23**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 18E1104-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.8	9.7	1	EPA 8260C	06/01/2018 04:51	06/01/2018 04:51	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*124 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.5 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-12 0-2 ft** **York Sample ID:** **18E1104-23**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 18E1104-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	184	368	2	EPA 8270D	05/30/2018 05:13	06/02/2018 01:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*59.8 %*	*21-113*

Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 18E1104-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*52.8 %*			*24-116*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	36.3	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **B-12 0-2 ft** **York Sample ID:** **18E1104-23**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	9.08	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	91.9	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/29/2018 14:09	05/30/2018 14:59	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.9 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **B-12 0-2 ft** **York Sample ID:** **18E1104-23**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15100**		mg/kg dry	5.51	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-36-0	Antimony	ND		mg/kg dry	0.551	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-38-2	**Arsenic**	**3.53**		mg/kg dry	1.10	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-39-3	**Barium**	**70.9**		mg/kg dry	1.10	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-70-2	**Calcium**	**16900**		mg/kg dry	5.51	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-47-3	**Chromium**	**25.9**		mg/kg dry	0.551	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-48-4	**Cobalt**	**12.7**		mg/kg dry	0.551	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-50-8	**Copper**	**22.2**		mg/kg dry	0.551	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7439-89-6	**Iron**	**21100**		mg/kg dry	2.20	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7439-92-1	**Lead**	**13.7**		mg/kg dry	0.551	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7439-95-4	**Magnesium**	**13500**		mg/kg dry	5.51	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7439-96-5	**Manganese**	**457**		mg/kg dry	0.551	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-02-0	**Nickel**	**19.8**		mg/kg dry	0.551	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-09-7	**Potassium**	**1890**	B	mg/kg dry	5.51	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-23-5	**Sodium**	**173**		mg/kg dry	11.0	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP	KML
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-62-2	**Vanadium**	**34.1**		mg/kg dry	1.10	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML
7440-66-6	**Zinc**	**49.3**		mg/kg dry	1.65	1	EPA 6010C Certifications:	05/24/2018 08:00	05/29/2018 19:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KML

Sample Information

Client Sample ID: B-12 0-2 ft **York Sample ID:** 18E1104-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:00 am	05/23/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0837**		mg/kg dry	0.0331	1	EPA 7473	05/25/2018 13:22	05/25/2018 15:33	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**90.7**		%	0.100	1	SM 2540G	05/31/2018 12:58	05/31/2018 16:36	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-12 12-14 ft **York Sample ID:** 18E1104-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: B-12 12-14 ft

York Sample ID: 18E1104-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	32	63	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	**2-Butanone**	**4.7**		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**38**		ug/kg dry	3.2	6.3	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	3.2	6.3	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-12 12-14 ft

York Sample ID: 18E1104-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
75-00-3	Chloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
67-66-3	Chloroform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
74-87-3	Chloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
110-82-7	Cyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:21	AS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:21	AS
74-95-3	Dibromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:21	AS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:21	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:21	AS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:21	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:21	AS
75-09-2	Methylene chloride	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	06/01/2018 05:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:21	AS

Sample Information

Client Sample ID: B-12 12-14 ft

York Sample ID: 18E1104-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.2	6.3	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.8	9.5	1	EPA 8260C	06/01/2018 05:21	06/01/2018 05:21	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*123 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **B-12 12-14 ft** **York Sample ID:** **18E1104-24**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: NELAC-NY10854,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: NELAC-NY10854,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.3	184	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.3	184	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
83-32-9	Acenaphthene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-12 12-14 ft

York Sample ID: 18E1104-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-12 12-14 ft

York Sample ID: 18E1104-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	185	370	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*64.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.0 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*49.0 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: B-12 12-14 ft

York Sample ID: 18E1104-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	36.4	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.10	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	92.1	5	EPA 8081B	05/29/2018 14:09	05/30/2018 22:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	05/29/2018 14:09	05/30/2018 15:11	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: B-12 12-14 ft

York Sample ID: 18E1104-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	05/29/2018 14:09	05/30/2018 15:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	05/29/2018 14:09	05/30/2018 15:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	05/29/2018 14:09	05/30/2018 15:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	05/29/2018 14:09	05/30/2018 15:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	05/29/2018 14:09	05/30/2018 15:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	05/29/2018 14:09	05/30/2018 15:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	05/29/2018 14:09	05/30/2018 15:11	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11800**		mg/kg dry	5.54	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.554	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.93**		mg/kg dry	1.11	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**45.9**		mg/kg dry	1.11	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**36100**		mg/kg dry	5.54	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**22.3**		mg/kg dry	0.554	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**10.5**		mg/kg dry	0.554	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**17.7**		mg/kg dry	0.554	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-12 12-14 ft** **York Sample ID:** **18E1104-24**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 11:30 am	05/23/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**16200**		mg/kg dry	2.21	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7439-92-1	**Lead**	**7.03**		mg/kg dry	0.554	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7439-95-4	**Magnesium**	**22800**		mg/kg dry	5.54	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7439-96-5	**Manganese**	**385**		mg/kg dry	0.554	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7440-02-0	**Nickel**	**16.3**		mg/kg dry	0.554	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7440-09-7	**Potassium**	**935**	B	mg/kg dry	5.54	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7440-23-5	**Sodium**	**85.8**		mg/kg dry	11.1	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP	05/29/2018 19:31	KML
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7440-62-2	**Vanadium**	**26.2**		mg/kg dry	1.11	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML
7440-66-6	**Zinc**	**45.2**		mg/kg dry	1.66	1	EPA 6010C Certifications:	05/24/2018 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2018 19:31	KML

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473 Certifications:	05/25/2018 13:22 CTDOH,NJDEP,NELAC-NY10854,PADEP	05/25/2018 15:33	SY

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G Certifications:	05/31/2018 12:58 CTDOH	05/31/2018 16:36	TAJ

Sample Information

Client Sample ID: **B-13 0-2 ft** **York Sample ID:** **18E1104-25**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	**1,2,4-Trimethylbenzene**	**110**		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	**1,3,5-Trimethylbenzene**	**55**		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	77	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	**2-Butanone**	**13**		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: **B-13 0-2 ft** **York Sample ID:** **18E1104-25**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**72**		ug/kg dry	3.9	7.7	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	3.9	7.7	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 18E1104-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:50	AS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:50	AS
98-82-8	**Isopropylbenzene**	**3.4**	J	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:50	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:50	AS
75-09-2	Methylene chloride	ND		ug/kg dry	3.9	7.7	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
104-51-8	**n-Butylbenzene**	**25**		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
103-65-1	**n-Propylbenzene**	**7.7**		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
95-47-6	**o-Xylene**	**3.6**	J	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/01/2018 05:50	AS
179601-23-1	**p- & m- Xylenes**	**5.1**	J	ug/kg dry	3.9	7.7	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/01/2018 05:50	AS
99-87-6	**p-Isopropyltoluene**	**16**		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
135-98-8	**sec-Butylbenzene**	**8.4**		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 05:50	AS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 05:50	AS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	06/01/2018 05:50 CTDOH	06/01/2018 05:50	AS

Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 18E1104-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	**Xylenes, Total**	**8.7**	J	ug/kg dry	5.8	12	1	EPA 8260C	06/01/2018 05:50	06/01/2018 05:50	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	203	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 18E1104-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	203	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	204	408	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**96.1**	J	ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**107**		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**87.1**	J	ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**57.0**	J	ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**92.0**	J	ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**100**	J	ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 18E1104-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**167**		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**57.8**	J	ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**65.9**	J	ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**168**		ug/kg dry	51.0	102	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	204	408	2	EPA 8270D	05/30/2018 05:13	06/02/2018 02:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.6 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*47.8 %*	*24-116*

Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 18E1104-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	40.2	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 18E1104-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:23	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.8 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6230**		mg/kg dry	6.11	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.47**		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **B-13 0-2 ft** **York Sample ID:** **18E1104-25**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**56.7**		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.122	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.366	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**18700**		mg/kg dry	6.11	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.5**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.91**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**57.5**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12900**		mg/kg dry	2.44	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**242**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5050**		mg/kg dry	6.11	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**178**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**9.75**		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**785**	B	mg/kg dry	6.11	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.611	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**209**		mg/kg dry	12.2	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**14.3**		mg/kg dry	1.22	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**71.6**		mg/kg dry	1.83	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.401**		mg/kg dry	0.0366	1	EPA 7473	05/25/2018 13:22	05/25/2018 17:17	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-13 0-2 ft **York Sample ID:** 18E1104-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:00 pm	05/23/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.9		%	0.100	1	SM 2540G	05/31/2018 12:58	05/31/2018 16:36	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-13 12-14 ft **York Sample ID:** 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

Sample Information

Client Sample ID: B-13 12-14 ft

York Sample ID: 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	66	130	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	**2-Butanone**	**97**		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**260**		ug/kg dry	6.6	13	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	6.6	13	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-13 12-14 ft

York Sample ID: 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	Methylene chloride	ND		ug/kg dry	6.6	13	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C	06/01/2018 10:00	06/01/2018 15:36	AS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: B-13 12-14 ft

York Sample ID: 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	06/01/2018 15:36	AS
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH	06/01/2018 15:36	AS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications:	06/01/2018 10:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	06/01/2018 15:36	AS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*119 %*		*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*116 %*		*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*135 %*	IS-LO, S-04	*76-130*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,PADEP	06/02/2018 03:08	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,PADEP	06/02/2018 03:08	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,PADEP	06/02/2018 03:08	SR

Sample Information

Client Sample ID: B-13 12-14 ft

York Sample ID: 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	127	255	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	127	255	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	255	510	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-13 12-14 ft

York Sample ID: 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
86-74-8	Carbazole	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
218-01-9	Chrysene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
206-44-0	Fluoranthene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
86-73-7	Fluorene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
78-59-1	Isophorone	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
91-20-3	Naphthalene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	63.9	127	2	EPA 8270D Certifications:	05/30/2018 05:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2018 03:08	SR

Sample Information

Client Sample ID: B-13 12-14 ft **York Sample ID:** 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	63.9	127	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	255	510	2	EPA 8270D	05/30/2018 05:13	06/02/2018 03:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*67.8 %*		*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*31.5 %*		*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*23.5 %*	S-08	*24-116*

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	50.4	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-13 12-14 ft

York Sample ID: 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.52	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	12.6	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	127	5	EPA 8081B	05/29/2018 14:14	05/30/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*21.3 %*	GC-Surr	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.8 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0254	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0254	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0254	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0254	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: B-13 12-14 ft

York Sample ID: 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0254	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:47	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0254	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:47	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0254	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:47	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0254	1	EPA 8082A	05/29/2018 14:14	05/30/2018 22:47	LAB
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.6 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*20.6 %*	S-GC	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9070**		mg/kg dry	7.66	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.766	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**6.37**		mg/kg dry	1.53	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**95.4**		mg/kg dry	1.53	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.153	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.460	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**3070**		mg/kg dry	7.66	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**35.7**		mg/kg dry	0.766	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**7.11**		mg/kg dry	0.766	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**27.6**		mg/kg dry	0.766	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**20400**		mg/kg dry	3.07	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**4.21**		mg/kg dry	0.766	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4470**		mg/kg dry	7.66	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**125**		mg/kg dry	0.766	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-13 12-14 ft

York Sample ID: 18E1104-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1104	1099 Webster	Soil	May 22, 2018 12:30 pm	05/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**15.7**		mg/kg dry	0.766	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1030**	B	mg/kg dry	7.66	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.53	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.766	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**139**		mg/kg dry	15.3	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.53	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**76.8**		mg/kg dry	1.53	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**41.3**		mg/kg dry	2.30	1	EPA 6010C	05/24/2018 08:00	05/29/2018 19:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0460	1	EPA 7473	05/25/2018 13:22	05/25/2018 17:17	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**65.2**		%	0.100	1	SM 2540G	05/31/2018 12:58	05/31/2018 16:36	TAJ
							Certifications:	CTDOH		

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18E1104-01	B-1 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-02	B-1 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-03	B-2 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-04	B-2 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-05	B-3 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-06	B-3 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-07	B-4 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-08	B-4 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-09	B-5 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-10	B-5 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-11	B-6 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-12	B-6 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-13	B-7 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-14	B-7 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-15	B-8 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-16	B-8 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-17	B-9 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-18	B-9 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-19	B-10 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-20	B-10 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-21	B-11 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-22	B-11 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-23	B-12 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-24	B-12 12-14 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-25	B-13 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
18E1104-26	B-13 12-14 ft	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

M-Spk	The spike recovery is not applicable due to the concentration of this element being >10 X the spike concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
IS-06	Internal standard perylene-d12 did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference. Compounds affected are: Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene and Indeno(1,2,3-cd)pyrene.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-CRL	The RL check for this element recovered outside of control limits.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-SRD1	The serial dilution for this element was outside control limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-08	The recovery of this surrogate was outside of QC limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
M-ICV	The recovery for this element in the ICV was outside the 95-105% Recovery criteria for EPA 200.7

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 18E1104

YOUR Information	Report To:	Invoice To:
Company: Tri-State Drilling Tech	Company:	Company:
Address: 94 Cuttings Ave Lecittown, NY 11756	Address: SAME	Address: SAME
Phone.: 516-294-6400	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail: Precchia@tristatedrillingtech.com	E-mail:	E-mail:

YOUR Project Number: 1099 Webster

YOUR Project Name: 1099 Webster

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) Paul Recchia

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ¦ Other

Samples From

New York	✓
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

(Summary Report)	CT RCP	(Standard Excel EDD)
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
		Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
NYSDEC Part 375 Unrestricted & restricted residential

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
B-1 0-2ft	S	5/21/18 0800	VOCs, SVOCs (BN), Pest/PCBs & TAL Metals	8oz & terras
B-1 12-14ft		5/21 0830		
B-2 0-2ft		5/21 0900		
B-2 12-14ft		5/21 0930		
B-3 0-2 ft		5/21 1000		
B-3 12-14 ft		5/21 1030		
B-4 0-2 ft		5/21 1100		
B-4 12-14 ft		5/21 1130		
B-5 0-2 ft		5/21 1200		
B-5 12-14 ft		5/21 1230		

Comments: Pricing to be NYCOER/DEP package

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: 4°C

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/22/18		5/23/18 1130		5/23/18 1829
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				J. Gale	5/23/18 - 1829 / 0.7 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 18E1104

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Tri State Drilling Tech	Company:	Company:	1099 Webster	RUSH - Next Day
Address: 94 Cardinals Ave Levittown, NY	Address: SAME	Address: SAME	YOUR Project Name: 1099 Webster	RUSH - Two Day
Phone: 516 294-6400	Phone.:	Phone.:		RUSH - Three Day
Contact: NrecchiA@tristate	Contact:	Contact:		RUSH - Four Day
E-mail: drillingtech.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Vinal Kecchia

Samples Collected by: (print your name above and sign below)

Vinal Kecchia

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
(Summary Report) CT RCP (Standard Excel EDD)
QA Report CT RCP DQA/DUE EQuIS (Standard)
NY ASP A Package NJDEP Reduced Deliverables NYSDEC EQuIS
NY ASP B Package NJDKQP NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)
NYSDEC Part 375 Unrestricted & restricted residential

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
B-6 0-2 ft	S	5/21/18 1300	VOCs, SVOCs (BNs), Pest/PCBs, TAL Metals	8oz & terras
B-6 12-14 ft		5/21 1330		
B-7 0-2 ft		5/21 1400		
B-7 12-14 ft		5/21 1430		
B-8 0-2 ft		5/21 1500		
B-8 12-14 ft		5/21 1530		
B-9 0-2 ft		5/22 0800		
B-9 12-14 ft		5/22 0830		
B-10 0-2 ft		5/22 0900		
B-10 12-14 ft		5/22 0930		

Comments: Pricing to be NYC OER/DEP package

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: <4°C

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Vinal Kecchia	5/22/18	KBuh	5/23/18 1130AM	KBuh	5/23/18 1829
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				J. Gale	5/23/18 - 1829 / 0.7 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
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Field Chain-of-Custody Record

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YORK Project No.: 18E1104

YOUR Information	Report To:	Invoice To:
Company: Tri-State Drilling Tech	Company:	Company:
Address: 94 Cadmus Ave Levittown, NY 11756	Address: SAME	Address: SAME
Phone.:	Phone.:	Phone.:
Contact: Nvecchia@tristate drillingtech.com	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 1099 Webster

YOUR Project Name: 1099 Webster

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	✓

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Paul Vecchia

Samples Collected by: (print your name above and sign below)

Paul Vecchia

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From

New York	✓
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

(Summary Report)	CT RCP	(Standard Excel EDD)
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS
NY ASP B Package		NJDEP SRP HazSite
	NJDKQP	Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
NYSDEC Part 375 Unrestricted & restricted residential

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
B-11 0-2 ft	S	5/22/18 1000	VOCs, SVOCs (BN), Pest/PCB & TAL Metals	8 oz & terras
B-11 12-14 ft		5/22 1030		
B-12 0-2 ft		5/22 1100		
B-12 12-14 ft		5/22 1130		
B-13 0-2 ft		5/22 1200		
B-13 12-14 ft		5/22 1230		

Comments: Pricing to be NYC OER/DEP package

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: 4°C

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/22/18		5/23/18 1130AM		5/23/18 1829
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				J. Hale	5/23/18 1829 / 0.7 Degrees C

Technical Report

prepared for:

Tri-State Drilling Technologies, Inc.
94 Gardiners Avenue #388
Levittown NY, 11756
Attention: Nicholas Recchia

Report Date: 05/31/2018
Client Project ID: 1099 Webster
York Project (SDG) No.: 18E1085

Report Date: 05/31/2018
Client Project ID: 1099 Webster
York Project (SDG) No.: 18E1085

Tri-State Drilling Technologies, Inc.
94 Gardiners Avenue #388
Levittown NY, 11756
Attention: Nicholas Recchia

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 23, 2018 and listed below. The project was identified as your project: **1099 Webster**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18E1085-01	GW-1	Water	05/21/2018	05/23/2018
18E1085-02	GW-2	Water	05/21/2018	05/23/2018
18E1085-03	GW-3	Water	05/22/2018	05/23/2018
18E1085-04	GW-4	Water	05/22/2018	05/23/2018
18E1085-05	Trip Blank	Water	05/22/2018	05/23/2018

General Notes for York Project (SDG) No.: 18E1085

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 05/31/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/L	0.20	4.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	**Tetrachloroethylene**	**0.57**		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/30/2018 12:30	05/31/2018 09:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*79-122*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.91	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.93	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.07	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.60	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.89	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.89	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.59	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	3.25	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.98	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.49	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	1.98	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.56	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	3.51	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.88	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	3.15	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.76	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.00	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.08	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.76	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.52	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.588	0.588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.54	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.84	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	3.01	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.25	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.41	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.32	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0235	0.0235	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.588	0.588	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.98	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/L	0.588	0.588	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	3.15	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.224**		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/L	0.294	0.294	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.588	0.588	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:18	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.01	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.88	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/L	4.60	5.88	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.1 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*46.9 %*	*39.9-105*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.0 %*	*30.7-106*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.0454**		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	**Chlordane, total**	**0.0682**		ug/L	0.0258	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00258	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0129	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/L	0.0129	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	**gamma-Chlordane**	**0.0228**		ug/L	0.0129	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00516	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.129	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0645	1	EPA 8082A	05/24/2018 06:47	05/25/2018 17:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0645	1	EPA 8082A	05/24/2018 06:47	05/25/2018 17:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0645	1	EPA 8082A	05/24/2018 06:47	05/25/2018 17:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0645	1	EPA 8082A	05/24/2018 06:47	05/25/2018 17:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0645	1	EPA 8082A	05/24/2018 06:47	05/25/2018 17:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0645	1	EPA 8082A	05/24/2018 06:47	05/25/2018 17:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	**Aroclor 1260**	**3.74**		ug/L	0.0645	1	EPA 8082A	05/24/2018 06:47	05/25/2018 17:51	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**3.74**		ug/L	0.0645	1	EPA 8082A	05/24/2018 06:47	05/25/2018 17:51	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.6 %*	*30-120*

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**198**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**3.66**		mg/L	0.0111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**726**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.688**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**0.216**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.574**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**624**		mg/L	0.222	10	EPA 6010C	05/25/2018 09:35	05/30/2018 17:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.150**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**395**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**25.9**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.465**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**73.6**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**134**		mg/L	0.111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**0.576**		mg/L	0.0111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.884**		mg/L	0.0167	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.117**		mg/L	0.0111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**116**		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00605**		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.620**		mg/L	0.0222	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.00852**		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**30.4**		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.02**		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**6.90**	B	mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**109**		mg/L	0.111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**35.4**		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**4.48**		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**42.8**		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.62**		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 18E1085-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 9:00 am	05/23/2018

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:01	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:01	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:01	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:01	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.33**		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:01	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:01	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/25/2018 09:40	05/25/2018 10:09	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473	05/30/2018 12:38	05/30/2018 17:12	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	**1,2,4-Trimethylbenzene**	**0.71**		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	**1,3,5-Trimethylbenzene**	**0.35**	J	ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**2.5**	CCV-E	ug/L	1.0	2.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	4.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	**Carbon disulfide**	**0.25**	J	ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	**Chloroform**	**3.1**		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*	*79-122*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
208-96-8	**Acenaphthylene**	**0.116**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
120-12-7	**Anthracene**	**0.0632**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
56-55-3	**Benzo(a)anthracene**	**0.295**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
50-32-8	**Benzo(a)pyrene**	**0.411**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
205-99-2	**Benzo(b)fluoranthene**	**0.295**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.221**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
207-08-9	**Benzo(k)fluoranthene**	**0.337**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
86-74-8	Carbazole	ND		ug/L	1.38	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
218-01-9	**Chrysene**	**0.263**		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
53-70-3	**Dibenzo(a,h)anthracene**	**0.0526**	J	ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 20:49	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270D Certifications:	05/24/2018 06:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2018 12:42	KH

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.516**		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.211**		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.611**		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0737**		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.463**		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 20:49	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 12:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*47.9 %*	S-08	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*45.7 %*		*39.9-105*
1718-51-0	*Surrogate: Terphenyl-d14*	*33.4 %*		*30.7-106*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0286	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00286	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0143	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0143	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0143	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00571	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.143	1	EPA 8081B	05/24/2018 06:47	05/25/2018 09:14	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*			*30-150*					
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.9 %*			*30-150*					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.357	5	EPA 8082A	05/24/2018 06:47	05/30/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.357	5	EPA 8082A	05/24/2018 06:47	05/30/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.357	5	EPA 8082A	05/24/2018 06:47	05/30/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.357	5	EPA 8082A	05/24/2018 06:47	05/30/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.357	5	EPA 8082A	05/24/2018 06:47	05/30/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.357	5	EPA 8082A	05/24/2018 06:47	05/30/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	**Aroclor 1260**	**7.76**		ug/L	0.357	5	EPA 8082A	05/24/2018 06:47	05/30/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	*** Total PCBs**	**7.76**		ug/L	0.357	5	EPA 8082A	05/24/2018 06:47	05/30/2018 11:33	SA
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.9 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12.0**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.394**		mg/L	0.0111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**172**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0693**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.0224**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.208**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13.0**		mg/L	0.0222	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.805**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**27.4**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.13**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0317**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**10.9**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**99.2**		mg/L	0.111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.0542**		mg/L	0.0111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.298**		mg/L	0.0167	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0580**		mg/L	0.0111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**107**		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00843**		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.248**		mg/L	0.0222	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**16.4**		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.0906**		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**9.50**	B	mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**91.5**		mg/L	0.111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.33**		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.54**		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**32.8**		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 18E1085-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 21, 2018 2:00 pm	05/23/2018

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	**Selenium**	**39.5**		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/25/2018 09:40	05/25/2018 10:22	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473	05/30/2018 12:38	05/30/2018 17:12	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	**1,2,4-Trimethylbenzene**	**0.41**	J	ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**3.5**	CCV-E	ug/L	1.0	2.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/L	0.20	4.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	**Benzene**	**0.80**		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	**Ethyl Benzene**	**0.59**		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 10:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 10:48	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
95-47-6	**o-Xylene**	**0.72**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 10:48	SS
179601-23-1	**p- & m- Xylenes**	**2.4**	SCAL-E	ug/L	0.50	1.0	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/31/2018 10:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
75-65-0	**tert-Butyl alcohol (TBA)**	**14**		ug/L	0.50	1.0	1	EPA 8260C Certifications:	05/30/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	05/31/2018 10:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
108-88-3	**Toluene**	**4.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS
1330-20-7	**Xylenes, Total**	**3.1**		ug/L	0.60	1.5	1	EPA 8260C Certifications:	05/30/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/31/2018 10:48	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.0 %*	*81-117*

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*			*79-122*						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/25/2018 21:21	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/25/2018 21:21	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2018 06:41	05/31/2018 13:14	KH

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.38	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:21	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.6 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*45.7 %*	*39.9-105*
1718-51-0	*Surrogate: Terphenyl-d14*	*36.5 %*	*30.7-106*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*118 %*	*30-150*

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.256	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2018 06:47	05/29/2018 11:05	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.256	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2018 06:47	05/29/2018 11:05	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.256	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2018 06:47	05/29/2018 11:05	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.256	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2018 06:47	05/29/2018 11:05	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.256	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2018 06:47	05/29/2018 11:05	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.256	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2018 06:47	05/29/2018 11:05	SA
11096-82-5	**Aroclor 1260**	**5.44**		ug/L	0.256	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2018 06:47	05/29/2018 11:05	SA
1336-36-3	*** Total PCBs**	**5.44**		ug/L	0.256	5	EPA 8082A Certifications:	05/24/2018 06:47	05/29/2018 11:05	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*129 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.605**		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 09:35	05/25/2018 16:43	KML
7440-39-3	**Barium**	**0.0939**		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 09:35	05/25/2018 16:43	KML
7440-70-2	**Calcium**	**62.9**		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 09:35	05/25/2018 16:43	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 09:35	05/25/2018 16:43	KML
7440-48-4	Cobalt	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 09:35	05/25/2018 16:43	KML
7440-50-8	**Copper**	**0.00672**		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 09:35	05/25/2018 16:43	KML
7439-89-6	**Iron**	**1.51**		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 09:35	05/25/2018 16:43	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 09:35	05/25/2018 16:43	KML
7439-95-4	**Magnesium**	**17.3**		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2018 09:35	05/25/2018 16:43	KML

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.825**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3.16**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**65.5**		mg/L	0.111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0710**		mg/L	0.0111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**66.3**		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.152**		mg/L	0.0222	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**18.2**		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.554**		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3.22**	B	mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**65.2**		mg/L	0.111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 18E1085-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 10:00 am	05/23/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/25/2018 09:40	05/25/2018 10:30	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473	05/30/2018 12:38	05/30/2018 17:12	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**0.42**	J	ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**2.7**	CCV-E	ug/L	1.0	2.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/L	0.20	4.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	**Benzene**	**0.79**		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	**Ethyl Benzene**	**0.59**		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	**o-Xylene**	**0.71**		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	**p- & m- Xylenes**	**2.4**	SCAL-E	ug/L	0.50	1.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	**tert-Butyl alcohol (TBA)**	**2.7**		ug/L	0.50	1.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	**Toluene**	**4.1**		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	**Xylenes, Total**	**3.1**		ug/L	0.60	1.5	1	EPA 8260C	05/30/2018 12:30	05/31/2018 11:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*79-122*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.53	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.55	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.68	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.27	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.26	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.83	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.30	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.36	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	3.06	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.51	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.75	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.54	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.874	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.82	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.54	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.07	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.34	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.47	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.96	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.10	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.15	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.59	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.75	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/24/2018 06:41	05/25/2018 21:52	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	4.01	5.13	1	EPA 8270D	05/24/2018 06:41	05/31/2018 13:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.1 %*	S-08	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*44.6 %*		*39.9-105*
1718-51-0	*Surrogate: Terphenyl-d14*	*38.9 %*		*30.7-106*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	05/24/2018 06:47	05/24/2018 20:31	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.256	5	EPA 8082A	05/24/2018 06:47	05/29/2018 11:17	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.256	5	EPA 8082A	05/24/2018 06:47	05/29/2018 11:17	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/L	0.256	5	EPA 8082A	05/24/2018 06:47	05/29/2018 11:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.256	5	EPA 8082A	05/24/2018 06:47	05/29/2018 11:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.256	5	EPA 8082A	05/24/2018 06:47	05/29/2018 11:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.256	5	EPA 8082A	05/24/2018 06:47	05/29/2018 11:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	**Aroclor 1260**	**4.44**		ug/L	0.256	5	EPA 8082A	05/24/2018 06:47	05/29/2018 11:17	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**4.44**		ug/L	0.256	5	EPA 8082A	05/24/2018 06:47	05/29/2018 11:17	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*161 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*120 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2.85**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.167**		mg/L	0.0111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**58.2**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.0272**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**0.00830**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0193**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**8.31**		mg/L	0.0222	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0134**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**18.8**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**2.18**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.0149**		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3.14**		mg/L	0.0556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**52.5**		mg/L	0.111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0187**		mg/L	0.0167	1	EPA 6010C	05/25/2018 09:35	05/25/2018 16:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0633**		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0456**		mg/L	0.0111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**48.7**		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**0.602**		mg/L	0.0222	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**13.6**		mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.655**		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2.95**	B	mg/L	0.0556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**48.6**		mg/L	0.111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	05/30/2018 11:27	05/30/2018 17:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:32	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**1.31**		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:32	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:32	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:32	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.00**		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:32	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A	05/25/2018 09:37	05/29/2018 13:32	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:23	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:23	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:23	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:23	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:23	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A	05/30/2018 11:29	05/31/2018 12:23	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	05/25/2018 09:40	05/25/2018 10:41	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473	05/30/2018 12:38	05/30/2018 17:12	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GW-4 **York Sample ID:** 18E1085-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 12:30 pm	05/23/2018

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 18E1085-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 18E1085-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/L	0.20	4.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 18E1085-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18E1085-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1085	1099 Webster	Water	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/30/2018 12:30	05/31/2018 08:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*79-122*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18E1085-01	GW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18E1085-02	GW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18E1085-03	GW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18E1085-04	GW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18E1085-05	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SRD1	The serial dilution for this element was outside control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record GW

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 18E1085

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Tri-State Drilling Tech	Company:	Company:
Address: 94 Cantiague Rock Rd Westbury NY 11756	Address: SAME	Address: SAME
Phone: 516-224-6400	Phone.:	Phone.:
Contact: JRecchia@tristatedrillingtech.com	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 1099 Webster

YOUR Project Name: 1099 Webster

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) Paul Recchia

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | QA Report | NY ASP A Package | NY ASP B Package
CT RCP | CT RCP DQA/DUE | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | EQuIS (Standard) | NYSDEC EQuIS | NJDEP SRP HazSite | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)
NYSDEC AWQTGS 1.1.1

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
GW-1	GW	5/21/18 0900	VOCs, SVOCs (BN) Pest/PCBs, TAL Metals (Total/Dissolved)	4-1L, VOA-2-p/s
GW-2	GW	5/21/18 1400		
GW-3	GW	5/22/18 1000		
GW-4	GW	5/22/18 1230		

Comments: *NYC OER/DEP Parameters & pricing. CL

Preservation: (check all that apply)
HCl ✓ MeOH ___ HNO3 ✓ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: 4°C

Special Instruction
Field Filtered ___
Lab to Filter ✓

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	5/22/18	[signature]	5/23/18 1130am	[signature]	5/23/18 1829
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				J. Kale	5/23/18 - 1829

Temp. Received at Lab: 3.2 Degrees C

Technical Report

prepared for:

Tri-State Drilling Technologies, Inc.
94 Gardiners Avenue #388
Levittown NY, 11756
Attention: Nicholas Recchia

Report Date: 06/06/2018
Client Project ID: 1099 Webster
York Project (SDG) No.: 18E1090

Report Date: 06/06/2018
Client Project ID: 1099 Webster
York Project (SDG) No.: 18E1090

Tri-State Drilling Technologies, Inc.
94 Gardiners Avenue #388
Levittown NY, 11756
Attention: Nicholas Recchia

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 23, 2018 and listed below. The project was identified as your project: **1099 Webster**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18E1090-01	SV-1	Soil Vapor	05/21/2018	05/23/2018
18E1090-02	SV-2	Soil Vapor	05/21/2018	05/23/2018
18E1090-03	SV-3	Soil Vapor	05/21/2018	05/23/2018
18E1090-04	SV-4	Soil Vapor	05/21/2018	05/23/2018
18E1090-05	SV-5	Soil Vapor	05/21/2018	05/23/2018
18E1090-06	SV-6	Soil Vapor	05/22/2018	05/23/2018
18E1090-07	SV-7	Soil Vapor	05/22/2018	05/23/2018

General Notes for York Project (SDG) No.: 18E1090

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 06/06/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 18E1090-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.95	1.391	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 06:09	LDS
71-55-6	**1,1,1-Trichloroethane**	**9.0**		ug/m³	0.76	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.95	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.76	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.56	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.0	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**210**		ug/m³	0.68	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.84	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.56	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.64	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.97	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**43**		ug/m³	0.68	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	0.92	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.84	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.64	1.391	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 06:09	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.84	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	1.0	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
78-93-3	**2-Butanone**	**26**		ug/m³	0.41	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 18E1090-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* **2-Hexanone**	**3.9**		ug/m³	1.1	1.391	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 06:09	LDS
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
108-10-1	**4-Methyl-2-pentanone**	**73**		ug/m³	0.57	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
67-64-1	**Acetone**	**51**		ug/m³	0.66	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
107-13-1	Acrylonitrile	ND		ug/m³	0.30	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
71-43-2	**Benzene**	**38**		ug/m³	0.44	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.72	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	0.93	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
75-25-2	Bromoform	ND		ug/m³	1.4	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
74-83-9	Bromomethane	ND		ug/m³	0.54	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
75-15-0	**Carbon disulfide**	**23**		ug/m³	0.43	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
56-23-5	**Carbon tetrachloride**	**0.35**		ug/m³	0.22	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
108-90-7	Chlorobenzene	ND		ug/m³	0.64	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
75-00-3	Chloroethane	ND		ug/m³	0.37	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
67-66-3	**Chloroform**	**0.88**		ug/m³	0.68	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
74-87-3	Chloromethane	ND		ug/m³	0.29	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.14	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.63	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
110-82-7	**Cyclohexane**	**42**		ug/m³	0.48	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
75-71-8	**Dichlorodifluoromethane**	**2.8**		ug/m³	0.69	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 06:09	LDS
141-78-6	* **Ethyl acetate**	**6.9**		ug/m³	1.0	1.391	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 06:09	LDS

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 18E1090-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**100**		ug/m³	0.60	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**4.8**		ug/m³	0.68	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	**Methyl Methacrylate**	**22**		ug/m³	0.57	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.50	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	0.97	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**68**		ug/m³	0.57	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**130**		ug/m³	0.49	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**140**		ug/m³	0.60	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**480**		ug/m³	1.2	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**200**		ug/m³	0.68	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications:			
115-07-1	*** Propylene**	**28**		ug/m³	0.24	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.59	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**200**		ug/m³	0.24	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.82	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications:			
108-88-3	**Toluene**	**230**		ug/m³	0.52	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.55	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.63	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**11**		ug/m³	0.19	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.78	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.49	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.61	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 18E1090-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.089	1.391	EPA TO-15	06/04/2018 13:25	06/05/2018 06:09	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result		Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*147 %*	S-08	*70-130*

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 18E1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**4.8**		ug/m³	0.83	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.83	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.61	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.1	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**250**	IS-LO	ug/m³	0.75	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	0.91	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.61	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.70	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 18E1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	**1,3,5-Trimethylbenzene**	**46**	IS-LO	ug/m³	0.75	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	**1,3-Butadiene**	**14**		ug/m³	1.0	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	0.91	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.70	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	0.91	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**61**		ug/m³	0.45	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.62	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**52**		ug/m³	0.72	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.33	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**22**		ug/m³	0.48	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.79	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.6	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.59	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**49**		ug/m³	0.47	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.67**		ug/m³	0.24	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.70	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.40	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 18E1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	**Chloroform**	**4.6**		ug/m³	0.74	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.31	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.69	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**17**		ug/m³	0.52	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.75	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	*** Ethyl acetate**	**2.5**		ug/m³	1.1	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**85**	IS-LO	ug/m³	0.66	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.6	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**3.0**		ug/m³	0.75	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.62	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.55	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**3.3**		ug/m³	1.1	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**40**		ug/m³	0.62	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**48**		ug/m³	0.53	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**130**	IS-LO	ug/m³	0.66	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**440**	IS-LO	ug/m³	1.3	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**210**	IS-LO	ug/m³	0.75	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:			
115-07-1	*** Propylene**	**51**		ug/m³	0.26	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications:			
100-42-5	Styrene	ND	IS-LO	ug/m³	0.65	1.517	EPA TO-15	06/04/2018 13:25	06/05/2018 08:15	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**1200**	IS-LO	ug/m³	2.6	15.17	EPA TO-15	06/05/2018 14:20	06/06/2018 01:22	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 18E1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.89	1.517	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 08:15	LDS
108-88-3	**Toluene**	**150**		ug/m³	0.57	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 08:15	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.60	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 08:15	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.69	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 08:15	LDS
79-01-6	**Trichloroethylene**	**12**		ug/m³	0.20	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 08:15	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.85	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 08:15	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.53	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 08:15	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.66	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 08:15	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.097	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 08:15	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*127 %*	*70-130*

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 18E1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	0.97	1.406	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 09:20	LDS
71-55-6	**1,1,1-Trichloroethane**	**1.0**		ug/m³	0.77	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	0.97	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 18E1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.77	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.57	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.0	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-63-6	**1,2,4-Trimethylbenzene**	**240**	IS-LO	ug/m³	0.69	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	0.85	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.57	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.65	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.98	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	**1,3,5-Trimethylbenzene**	**47**	IS-LO	ug/m³	0.69	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	0.93	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	0.85	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.65	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	0.85	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	1.0	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**85**		ug/m³	0.41	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	*** 2-Hexanone**	**11**		ug/m³	1.2	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	**4-Methyl-2-pentanone**	**94**		ug/m³	0.58	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**52**		ug/m³	0.67	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.31	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 18E1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	**Benzene**	**27**		ug/m³	0.45	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.73	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.94	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.5	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.55	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**5.2**		ug/m³	0.44	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.27**		ug/m³	0.22	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.65	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.37	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**46**		ug/m³	0.69	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**0.52**		ug/m³	0.29	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	**cis-1,2-Dichloroethylene**	**0.50**		ug/m³	0.14	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.64	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**9.1**		ug/m³	0.48	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.70	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.0	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**99**	IS-LO	ug/m³	0.61	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.5	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**7.5**		ug/m³	0.69	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.58	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.51	1.406	EPA TO-15	06/04/2018 13:25	06/05/2018 09:20	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 18E1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/m³	0.98	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
142-82-5	**n-Heptane**	**43**		ug/m³	0.58	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
110-54-3	**n-Hexane**	**45**		ug/m³	0.50	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
95-47-6	**o-Xylene**	**140**	IS-LO	ug/m³	0.61	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
179601-23-1	**p- & m- Xylenes**	**510**	IS-LO	ug/m³	1.2	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
622-96-8	*** p-Ethyltoluene**	**220**	IS-LO	ug/m³	0.69	1.406	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 09:20	LDS
115-07-1	*** Propylene**	**34**		ug/m³	0.24	1.406	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 09:20	LDS
100-42-5	Styrene	ND	IS-LO	ug/m³	0.60	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
127-18-4	**Tetrachloroethylene**	**200**		ug/m³	0.24	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.83	1.406	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 09:20	LDS
108-88-3	**Toluene**	**180**		ug/m³	0.53	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.56	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.64	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
79-01-6	**Trichloroethylene**	**390**	IS-LO	ug/m³	1.9	14.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/06/2018 02:23	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	0.79	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.50	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.62	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.090	1.406	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 09:20	LDS

	Surrogate Recoveries	Result		Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*		*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*145 %*	S-08	*70-130*

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 18E1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.2	1.811	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 10:31	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.99	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.2	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.99	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.73	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.3	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**250**	IS-LO	ug/m³	0.89	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	1.1	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.73	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**60**	IS-LO	ug/m³	0.89	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	1.1	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.811	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 10:31	LDS
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	1.1	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
78-93-3	**2-Butanone**	**61**		ug/m³	0.53	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/04/2018 13:25	06/05/2018 10:31	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.811	EPA TO-15 Certifications:	06/04/2018 13:25	06/05/2018 10:31	LDS

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 18E1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.74	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**580**	IS-LO	ug/m³	8.6	18.11	EPA TO-15	06/05/2018 14:20	06/06/2018 03:24	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.39	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**73**		ug/m³	0.58	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.94	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.9	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.70	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**28**		ug/m³	0.56	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.28	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.83	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.48	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**7.4**		ug/m³	0.88	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.37	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.82	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**59**		ug/m³	0.62	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**3.7**		ug/m³	0.90	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	*** Ethyl acetate**	**11**		ug/m³	1.3	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**140**	IS-LO	ug/m³	0.79	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 18E1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.9	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**22**		ug/m³	0.89	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.74	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.65	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**2.3**		ug/m³	1.3	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**210**		ug/m³	0.74	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**120**		ug/m³	0.64	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**290**	IS-LO	ug/m³	0.79	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**680**	IS-LO	ug/m³	1.6	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**250**	IS-LO	ug/m³	0.89	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications:			
115-07-1	*** Propylene**	**30**		ug/m³	0.31	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications:			
100-42-5	Styrene	ND	IS-LO	ug/m³	0.77	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**380**		ug/m³	0.31	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications:			
108-88-3	**Toluene**	**340**	IS-LO	ug/m³	6.8	18.11	EPA TO-15	06/05/2018 14:20	06/06/2018 03:24	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.82	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**180**		ug/m³	0.24	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.1**		ug/m³	1.0	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.64	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.79	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	1.811	EPA TO-15	06/04/2018 13:25	06/05/2018 10:31	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 18E1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*			*70-130*					
460-00-4	*Surrogate: p-Bromofluorobenzene*	*128 %*			*70-130*					

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 18E1090-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.1	1.622	EPA TO-15 Certifications:	06/05/2018 14:20	06/05/2018 16:45	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.89	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.1	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.89	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.66	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.2	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**210**	IS-LO	ug/m³	0.80	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	0.98	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.66	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.75	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 18E1090-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	**1,3,5-Trimethylbenzene**	**43**	IS-LO	ug/m³	0.80	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	0.98	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.75	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	0.98	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**2100**	IS-LO	ug/m³	4.8	16.22	EPA TO-15	06/05/2018 14:20	06/06/2018 09:41	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* **2-Hexanone**	**300**	E	ug/m³	1.3	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.66	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**710**	IS-LO	ug/m³	7.7	16.22	EPA TO-15	06/05/2018 14:20	06/06/2018 09:41	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	**Acrylonitrile**	**1.4**		ug/m³	0.35	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**20**		ug/m³	0.52	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.84	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.7	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.63	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.51	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.31**		ug/m³	0.26	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.75	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.43	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**68**		ug/m³	0.79	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 18E1090-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	**Chloromethane**	**4.4**		ug/m³	0.33	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.74	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
110-82-7	**Cyclohexane**	**15**		ug/m³	0.56	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
75-71-8	**Dichlorodifluoromethane**	**2.9**		ug/m³	0.80	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.622	EPA TO-15 Certifications:	06/05/2018 14:20	06/05/2018 16:45	LDS
100-41-4	**Ethyl Benzene**	**86**	IS-LO	ug/m³	0.70	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.7	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
67-63-0	**Isopropanol**	**2.8**		ug/m³	0.80	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	0.66	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.58	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
75-09-2	**Methylene chloride**	**4.5**		ug/m³	1.1	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
142-82-5	**n-Heptane**	**52**		ug/m³	0.66	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
110-54-3	**n-Hexane**	**48**		ug/m³	0.57	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
95-47-6	**o-Xylene**	**130**	IS-LO	ug/m³	0.70	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
179601-23-1	**p- & m- Xylenes**	**430**	IS-LO	ug/m³	1.4	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
622-96-8	* **p-Ethyltoluene**	**190**	IS-LO	ug/m³	0.80	1.622	EPA TO-15 Certifications:	06/05/2018 14:20	06/05/2018 16:45	LDS
115-07-1	* **Propylene**	**340**	IS-LO	ug/m³	2.8	16.22	EPA TO-15 Certifications:	06/05/2018 14:20	06/06/2018 09:41	LDS
100-42-5	Styrene	ND	IS-LO	ug/m³	0.69	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
127-18-4	**Tetrachloroethylene**	**20**		ug/m³	0.28	1.622	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 16:45	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.96	1.622	EPA TO-15 Certifications:	06/05/2018 14:20	06/05/2018 16:45	LDS

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 18E1090-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 21, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**150**		ug/m³	0.61	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.64	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.74	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**12**		ug/m³	0.22	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.91	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.57	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.71	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	1.622	EPA TO-15	06/05/2018 14:20	06/05/2018 16:45	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*128 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*122 %*	*70-130*

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 18E1090-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	0.94	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.74	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	0.94	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.0	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.74	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 18E1090-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.55	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.0	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-63-6	**1,2,4-Trimethylbenzene**	**60**	IS-LO	ug/m³	0.67	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.0	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	0.82	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.55	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.63	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.95	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	**1,3,5-Trimethylbenzene**	**16**	IS-LO	ug/m³	0.67	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	**1,3-Butadiene**	**23**		ug/m³	0.90	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	0.82	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.63	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	0.82	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	0.98	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**1700**		ug/m³	4.0	13.63	EPA TO-15	06/05/2018 14:20	06/06/2018 10:42	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	*** 2-Hexanone**	**110**	E	ug/m³	1.1	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.1	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.56	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**210**		ug/m³	6.5	13.63	EPA TO-15	06/05/2018 14:20	06/06/2018 10:42	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.30	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**68**		ug/m³	0.44	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 18E1090-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.71	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.91	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.4	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.53	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.42	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.51**		ug/m³	0.21	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.63	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.36	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.67	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**2.8**		ug/m³	0.28	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.14	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.62	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**16**		ug/m³	0.47	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.67	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	0.98	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**58**	IS-LO	ug/m³	0.59	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.5	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	Isopropanol	ND		ug/m³	0.67	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.56	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.49	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.3**		ug/m³	0.95	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 18E1090-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	**n-Heptane**	**40**		ug/m³	0.56	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**54**		ug/m³	0.48	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**63**	IS-LO	ug/m³	0.59	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**200**	IS-LO	ug/m³	1.2	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**63**	IS-LO	ug/m³	0.67	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications:			
115-07-1	*** Propylene**	**140**		ug/m³	2.3	13.63	EPA TO-15	06/05/2018 14:20	06/06/2018 10:42	LDS
							Certifications:			
100-42-5	Styrene	ND	IS-LO	ug/m³	0.58	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**1.4**		ug/m³	0.23	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.80	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications:			
108-88-3	**Toluene**	**190**		ug/m³	0.51	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.54	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.62	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**1.3**		ug/m³	0.18	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.77	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.48	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.60	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.087	1.363	EPA TO-15	06/05/2018 14:20	06/05/2018 17:51	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

	Surrogate Recoveries	Result		Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*138 %*	S-08	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*129 %*		*70-130*

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 18E1090-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.4	2	EPA TO-15 Certifications:	06/05/2018 14:20	06/05/2018 18:56	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.1	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.4	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.81	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.20	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.5	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**260**	IS-LO	ug/m³	0.98	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	1.2	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.81	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.92	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.4	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**50**	IS-LO	ug/m³	0.98	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	1.2	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.92	2	EPA TO-15 Certifications:	06/05/2018 14:20	06/05/2018 18:56	LDS
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	1.2	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/05/2018 14:20	06/05/2018 18:56	LDS
78-93-3	**2-Butanone**	**490**		ug/m³	5.9	20	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	06/06/2018 16:49	06/06/2018 16:49	LDS
591-78-6	* **2-Hexanone**	**140**	E	ug/m³	1.6	2	EPA TO-15 Certifications:	06/05/2018 14:20	06/05/2018 18:56	LDS

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 18E1090-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	3.1	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.82	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**140**		ug/m³	0.95	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.43	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**15**		ug/m³	0.64	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	1.0	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND	IS-LO	ug/m³	2.1	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.78	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**0.87**		ug/m³	0.62	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.31	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.92	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.53	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**5.1**		ug/m³	0.98	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.41	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.20	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.91	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**5.4**		ug/m³	0.69	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.7	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.99	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**88**	IS-LO	ug/m³	0.87	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 18E1090-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	2.1	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**2.4**		ug/m³	0.98	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.82	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.72	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	1.4	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**45**		ug/m³	0.82	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**44**		ug/m³	0.70	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**130**	IS-LO	ug/m³	0.87	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**470**	IS-LO	ug/m³	1.7	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**220**	IS-LO	ug/m³	0.98	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications:			
115-07-1	*** Propylene**	**60**		ug/m³	0.34	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications:			
100-42-5	Styrene	ND	IS-LO	ug/m³	0.85	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**62**		ug/m³	0.34	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.2	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications:			
108-88-3	**Toluene**	**150**		ug/m³	0.75	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.79	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.91	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**34**		ug/m³	0.27	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.0**		ug/m³	1.1	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.70	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.87	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	2	EPA TO-15	06/05/2018 14:20	06/05/2018 18:56	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 18E1090-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18E1090	1099 Webster	Soil Vapor	May 22, 2018 3:00 pm	05/23/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*124 %*			*70-130*					
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*			*70-130*					

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 1821090

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Tri State Drilling Tech	Company: SAME	Company: SAME	1099 Webster	RUSH - Same Day ☐	Summary Report ✓
Address: 94 Commerce Dr	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary
Waterford, NY			Purchase Order No.	RUSH - Two Day ☐	CT RCP Package
Phone No. 518 2946400	Phone No.	Phone No.	1099 Webster	RUSH - Three Day ☐	NY ASP A Package
Contact Person: Phil Recchia	Attention:	Attention:		RUSH - Four Day ☐	NY ASP B/CLP Pkg
E-Mail Address: drillingtech.com	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY ✓ NJ___	Standard(5-7 Days) ✓	NJDEP Reduced
					Electronic Deliverables:
					EDD (Specify Type)
					Standard Excel ✓
					Regulatory Comparison Excel ✓

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Phil Recchia
Samples Collected/Authorized By (Signature)

Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

Additional Notes: TO-15

Please enter the following Field Data

Detection Limits Required

≤ 1 ug/m³ ___
NYSDEC VI Limits ___
(VI =vapor instrusion)
NJDEP low level ___
Routine Survey ✓
Other ___

Special Instructions

TO-15

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
SV-1	5/21/18	AS	-30	-2	23996	7094	TO-15	6 Liter canister ✓ Tedlar Bag
SV-2			-30	-4	22084	6877		6 Liter canister ✓ Tedlar Bag
SV-3			-30	-5	18296	7607		6 Liter canister ✓ Tedlar Bag
SV-4			-30	-8	16152	7361		6 Liter canister ✓ Tedlar Bag
SV-5			-30	-5	19308	6868		6 Liter canister ✓ Tedlar Bag
SV-6	5/22		-30	-4	15522	6822		6 Liter canister ✓ Tedlar Bag
SV-7			-30	-11	18297	5605		6 Liter canister ✓ Tedlar Bag
								6 Liter canister ___ Tedlar Bag
								6 Liter canister ___ Tedlar Bag
								6 Liter canister ___ Tedlar Bag

Comments

Samples Relinquished By — Date/Time: 5/22/18
Samples Relinquished By — Date/Time: 5/23/18 430pm

Samples Received By — Date/Time: 5/23/18 1130AM
Samples Received in LAB by — Date/Time: 5/23/18 516PM

5-23-18 1716

Appendix C – Soil Boring Log Reports

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–1 / GW-1**
REMARKS : located in 1135 Webster auto service garage building						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct		1-inch	PVC	DRILL METHOD
TYPE	Macrocore	Push		temporary	MW	Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.		1-in. dia. PCV sch. 40 slotted screen			
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE)		14ft in temporary PVC MW installed at EOB				

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	0.5	dry		
5						
	S-3	8 – 12	15.7	dry		Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	30.8	dry		Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
				wet	WT=14ft	
15						Brown Loose F-M SAND-SILT traces fine-medium gravel (SB)
20						EOB @ 16ft Borehole advanced to 20ft for GW collection. 1-in PVC w/10ft screen
25						
30						

* sample collected for laboratory analysis
Samples collected:
B-1 0 – 2 feet
B-1 12 – 14 feet

SV-1 sample depth 12 ft in unsaturated soil above the WT

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–2**
REMARKS : located in 1135 Webster auto service garage building						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct		1-inch	PVC	DRILL METHOD
TYPE	Macrocore	Push		temporary	MW	Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.		1-in. dia. PCV sch. 40 slotted screen			
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE) 14 ft						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	0.0	dry		
5						
	S-3	8 – 12	0.7	dry		Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	11.2	dry		Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
				wet	WT=14ft	Brown Loose F-M SAND-SILT traces fine-medium gravel (SB)
15						
						EOB @ 16ft
20						
						* sample collected for laboratory analysis Samples collected: B-2 0 – 2 feet B-2 12 – 14 feet
25						SV-1 sample depth 12 ft in unsaturated soil above the WT
30						

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–3**
REMARKS : located in Webster auto service garage building						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct				DRILL METHOD
TYPE	Macrocore	Push				Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.					
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE) 14 ft						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	12.0	dry		
5						Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
	S-3	8 – 12	23.2	dry		Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	110.2	dry		Brown Loose F-M SAND-SILT traces fine-medium gravel Petroleum Odors at WT (SB)
				wet	WT=14ft	
15						EOB @ 16ft
20						* sample collected for laboratory analysis Samples collected: B-3 0 – 2 feet B-3 12 – 14 feet SV-2 sample depth 12 ft in unsaturated soil above the WT
25						
30						

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018	SHEET 1 OF 1
CLIENT ESC	LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York	**B–4 / GW-2**
REMARKS : located in Webster auto service garage building	

DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct		1-inch	PVC	DRILL METHOD
TYPE	Macrocore	Push		temporary	MW	Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.		1-in. dia. PCV sch. 40 slotted screen			
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE)		14ft in temporary PVC MW installed at EOB				

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	10.5	dry		
5						Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
	S-3	8 – 12	11.7	dry		Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	23.9	dry		Brown Loose F-M SAND-SILT traces fine-medium gravel Petroleum Odors at WT (SB)
				wet	WT=14ft	
15						EOB @ 16ft Borehole advanced to 20ft for GW collection. 1-in PVC w/10ft screen
20						* sample collected for laboratory analysis Samples collected: B-4 0 – 2 feet B-4 12 – 14 feet
25						
30						

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–5**
REMARKS : located in Webster auto service garage building						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct				DRILL METHOD
TYPE	Macrocore	Push				Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.					
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE) 14 ft						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	2.0	dry		
5						Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
	S-3	8 – 12	0.0	dry		Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	2.0	dry		Brown Loose F-M SAND-SILT traces fine-medium gravel (SB)
				wet	WT=14ft	
15						EOB @ 16ft
20						* sample collected for laboratory analysis Samples collected: B-5 0 – 2 feet B-5 12 – 14 feet
25						
30						

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–6**
REMARKS : located in Webster auto parts storage building						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct				DRILL METHOD
TYPE	Macrocore	Push				Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.					
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE) 14 ft						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	0.0	dry		
5						
						Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
	S-3	8 – 12	0.0	dry		
10						Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
	*S-4	12 – 16	0.0	dry		
						Tan/Gray F-M SAND-SILT traces fine-medium gravel (SP)
				wet	WT=14ft	
15						
						EOB @ 16ft
20						
						* sample collected for laboratory analysis Samples collected: B-6 0 – 2 feet B-6 12 – 14 feet
25						
30						

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–7**
REMARKS : located in Webster auto service garage building						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct				DRILL METHOD
TYPE	Macrocore	Push				Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.					
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE) 14 ft						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	0.0	dry		
5						Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
	S-3	8 – 12	0.0	dry		Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	0.0	dry		Brown Loose F-M SAND-SILT traces fine-medium gravel Petroleum Odors at WT (SB)
				wet	WT=14ft	
15						EOB @ 16ft
20						* sample collected for laboratory analysis Samples collected: B-7 0 – 2 feet B-7 12 – 14 feet SV-4 sample depth 12 ft in unsaturated soil above the WT
25						
30						

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–8**
REMARKS : located in Webster auto parts building						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct				DRILL METHOD
TYPE	Macrocore	Push				Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.					
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE) 14 ft						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	0.0	dry		
5						
						Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
	S-3	8 – 12	0.0	dry		
10						Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
	*S-4	12 – 16	2.0	dry		Tan/gray F-M SAND-SILT traces fine-medium gravel Petroleum Odors at WT (SB)
				wet	WT=14ft	
15						EOB @ 16ft
20						
						* sample collected for laboratory analysis Samples collected: B-8 0 – 2 feet B-8 12 – 14 feet
25						SV-5 sample depth 12 ft in unsaturated soil above the WT
30						

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–9**
REMARKS : located in Webster auto parts building						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct				DRILL METHOD
TYPE	Macrocore	Push				Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.					
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE) 13.5 ft						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	0.0	dry		
5						
						Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
	S-3	8 – 12	0.0	dry		
						Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	10.0	dry		Tan/gray F-M SAND-SILT traces fine-medium gravel Petroleum Odors at WT (SB)
				wet	WT=13.5ft	
15						
						EOB @ 16ft
20						
						* sample collected for laboratory analysis Samples collected: B-9 0 – 2 feet B-9 12 – 14 feet
						SV-6 sample depth 12 ft in unsaturated soil above the WT
25						
30						

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–10 / GW-3**
REMARKS : parking lot area						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct		1-inch	PVC	DRILL METHOD
TYPE	Macrocore	Push		temporary	MW	Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.		1-in. dia. PCV sch. 40 slotted screen			
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE) 13.5 ft in temporary PVC MW						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete surface pavement Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	0.0	dry		
5						Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
	S-3	8 – 12	0.0	dry		Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	0.0	dry		Brown Loose F-M SAND-SILT traces fine-medium gravel Petroleum Odors at WT (SB)
				wet	WT13.5ft	
15						EOB @ 16ft Borehole advanced to 20ft for GW collection. 1-in PVC w/10ft screen
20						
25						
30						

* sample collected for laboratory analysis
Samples collected:
B-10 0 – 2 feet
B-10 12 – 14 feet

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-21-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–11**
REMARKS : located in parking lot						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct				DRILL METHOD
TYPE	Macrocore	Push				Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.					
SURFACE ELEVATION NA		Surface Materials: Concrete slab 6-inch				
WATER LEVEL (IN OPEN BOREHOLE) 14 ft						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	2.0	dry		
5						
						Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
	S-3	8 – 12	21.2	dry		
						Black/gray F-M SAND- SILT traces fine-medium gravel Petroleum odors (SP)
10						
	*S-4	12 – 16	30.2	dry		
					WT=14ft	Brown Loose F-M SAND-SILT traces fine-medium gravel Petroleum Odors at WT (SB)
				wet		
15						
						EOB @ 16ft
20						
						* sample collected for laboratory analysis Samples collected: B-11 0 – 2 feet B-11 12 – 14 feet
25						SV-6 sample depth 12 ft in unsaturated soil above the WT
30						

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-22-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–12 / GW-4**
REMARKS : located in parking lot						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct		1-inch	PVC	DRILL METHOD
TYPE	Macrocore	Push		temporary	MW	Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.		1-in. dia. PCV sch. 40 slotted screen			
SURFACE ELEVATION NA		Surface Materials: Concrete Foundation slab 4-inch				
WATER LEVEL (IN OPEN BOREHOLE)		14ft in temporary PVC MW installed at EOB				

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	0.5	dry		
5						
	S-3	8 – 12	15.7	dry		Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	30.8	dry		Brown Loose F-M SAND- SILT traces fine-medium gravel (SP)
				wet	WT=14ft	Brown Loose F-M SAND-SILT traces fine-medium gravel (SB)
15						
						EOB @ 16ft Borehole advanced to 20ft for GW collection. 1-in PVC w/10ft screen
20						
25						
30						

* sample collected for laboratory analysis
Samples collected:
B-12 0 – 2 feet
B-12 12 – 14 feet

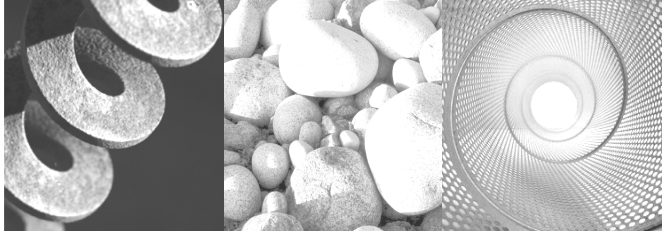
SV-7 sample depth 12 ft in unsaturated soil above the WT

Tri-State Drilling Technologies, Inc.

SOIL BORING REPORT LOG

DATE 5-22-2018						SHEET 1 OF 1
CLIENT ESC						LOCATION ID#
PROJECT LOCATION 1099 – 1135 Webster Avenue Bronx, New York						**B–13**
REMARKS : located in parking lot						
DRILLING CONTRACTOR TSDT, INC.			LOGGED BY PR		DRILLER CM	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL		Groundwater Collection		DRILL RIG
		Direct				DRILL METHOD
TYPE	Macrocore	Push				Geoprobe LT5400 Direct Push
SIZE	2 inch O.D.					
SURFACE ELEVATION NA		Surface Materials: Concrete slab 6-inch				
WATER LEVEL (IN OPEN BOREHOLE) 14 ft						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	*S-1	0 - 4	0.0	dry		Concrete foundation slab Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)
	S-2	4 – 8	0.0	dry		
5						Former basement foundation
	S-3	8 – 12	0.0	dry		Brown Loose F-M SAND-SILT traces fine-medium gravel (SP)
10						
	*S-4	12 – 16	0.0	dry		Black/gray F-M SAND- SILT traces fine-medium gravel Petroleum odors (SP)
				wet	WT=14ft	Brown Loose F-M SAND-SILT traces fine-medium gravel (SB)
15						
20						EOB @ 16ft
25						* sample collected for laboratory analysis Samples collected: B-13 0 – 2 feet B-13 12 – 14 feet
30						



GEI Consultants

Consulting
Engineers and
Scientists

Supplemental Investigation Results Report

1099 Webster Ave. Brownfield Development Site
1099-1135 Webster Avenue, Bronx, New York

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Table of Contents

1. Introduction **1**
1.1 Site Description 1
1.2 Site History 2
1.3 Summary of Available Previous Investigations 2

2. Scope of Work **4**
2.1 Geophysical Investigation 4
2.2 Test Pits 4
2.3 Soil Boring Installation and Sampling 5
2.4 Groundwater Monitoring Well Installation, Development, and Sampling 5
2.5 Soil Vapor Sampling 6
2.6 Laboratory Analysis 7
2.7 Health and Safety Plan 7

3. Findings **9**
3.1 Lithology and Hydrogeology 9
3.2 Geophysical Investigation and Survey 9
3.3 Test Pits 10
3.4 Soil Analytical Results 10
3.5 Groundwater Analytical Results 13
3.6 Soil Vapor Analytical Results 14

4. Conclusions and Recommendations **16**
4.1 Conclusions 16
4.2 Recommendations 17

Tables
1. Soil Analytical Results
2. Groundwater Analytical Results
3. Soil Vapor Analytical Results

Figures
1. Site Location Map
2. Sample Location Plan
3. July 2018 and December 2022 Soil Exceedance Summary
4. July 2018 and December 2022 Groundwater Exceedance Summary
5. July 2018 and December 2022 Soil Vapor BTEX, TCE, and PCE Concentrations and Exceedance Summary

Appendices

A. Photographic Log
B. Soil Boring Logs
C. Laboratory Analytical Reports

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1. Introduction

GEI Consultants Inc., P.C. (GEI) was retained by Mega Development LLC (Mega), on behalf of Webster 1099 Realty LLC, to prepare a Brownfield Cleanup Program (BCP) Application. As part of this effort, a Supplemental Investigation was completed by GEI to supplement limited existing environmental data previously generated at the property located at 1099 Webster Avenue in the Bronx, New York (the Site). The Site location is shown on Figure 1, while a sample location figure is provided as Figure 2.

Previously, Phase I and II Environmental Site Assessments (ESAs) were performed by others in January and July 2018, respectively. Findings and results from these investigations are referenced herein, as necessary. The recognized environmental conditions (RECs) outlined in the Phase I ESA were investigated as part of the Phase II ESA.

This Supplemental Investigation was performed in accordance with an Agreement between Mega and GEI, dated September 13, 2022, and executed on October 3, 2022. This investigation was completed to establish baseline conditions prior to the planned redevelopment of the Site with an 11-story residential building and to further investigate contaminant concentrations and field conditions identified during the Phase II ESA. It should be noted that large portions of all Site areas were not able to be accessed due to equipment clutter and active work occurring at the various businesses currently operating at the property.

It should also be noted that a geotechnical soil boring investigation was completed by GEI at the Site concurrently with this investigation, which will be reported under separate cover.

1.1 Site Description

The property is a rectangular shaped 36,840 square-foot lot. The Site building was constructed in the early 1920s and currently still exists at the Site. The building initially covered the entire property until the southern one-third of the building was destroyed by fire and was demolished in the late 1990s.

The property is currently utilized for commercial purposes. The northern two-thirds of the property contain a 1-story masonry and wood frame garage building, occupied by an auto garage/machine shop, an auto dealer/auto mechanic/transmission rebuilding facility, an auto mechanic/muffler, and transmission repair shop. Two small partial basement areas were identified below the building, and the remaining portions of the building are slab-on-grade. The southern third of the lot contains a paved (concrete) parking lot, including a small wood-frame parking attendant kiosk.

1.2 Site History

Based on review of the January 2018 Phase I ESA, the identified uses at the property since the early 1920s include auto repair garages, automotive machine shops, auto body repair shops, Sheffield Farms Dairy (garage, storage, and fleet repair shop), a retail auto parts store, restaurants, and retail stores. In addition, the property was briefly owned by "dyeing and finishing" companies.

As referenced above, the Site building initially covered the entire property until the southern one-third of the building was destroyed by fire and was demolished in the late 1990s.

1.3 Summary of Available Previous Investigations

Phase I Environmental Site Assessment

A Phase I ESA was prepared by Environmental Studies Corporation (ESC) in January 2018, and the following RECs were identified:

- The possible presence of 10 or more petroleum underground storage tanks (USTs) that have not been closed or removed in accordance with New York City Fire Department and New York State Department of Environmental Conservation (NYSDEC) requirements.
- The potential for Site contamination from past spills, leaks, or discharges of hazardous substances and/or petroleum products from leaking USTs and automotive machine repair and auto body operations.
- The potential for a vapor encroachment condition from past on-site auto-related operations, USTs, and potential off-site sources of contamination in the immediate vicinity of the property.
- The potential for groundwater contamination in the immediate vicinity of the Site from off-site sources such as USTs, industrial and manufacturing operations, auto repair operations and others.

Phase II Environmental Site Assessment

A Phase II ESA was prepared by ESC in July 2018, and the following conclusions were provided:

Several rooftop vents and surface fill port remnants were found in the central and northern portions of the building, and surface remote fill port remnants were identified in the concrete pavement of the south parking lot area. A geophysical survey was completed in these areas, with results indicating evidence of underground anomalies indicative of up to 10 USTs. It is

likely these USTs stored gasoline, diesel, and fuel oil. No information regarding whether these USTs were properly abandoned was identified.

The results of the Phase II ESA indicated that urban fill was present at the Site, which exhibited polycyclic aromatic hydrocarbons (PAHs) and metals (arsenic, copper, lead, mercury, and zinc) at elevated concentrations typical of urban fill existing in the New York Metropolitan area. In addition, and based on observations noted in the field, nuisance characteristic (odors, visual observation, and elevated photoionization detector [PID] readings) indicative of potentially remnant highly-weathered and deteriorated petroleum or chemical impacts were identified in 8 of the 13 soil sample locations. However, soil analytical results in these areas did not indicate significant petroleum contamination above NYSDEC Part 375 Unrestricted Soil Cleanup Objectives (SCOs). Arsenic was also identified at a concentration exceeding its Residential SCO.

Similarly, several PAHs, metals (arsenic, barium, chromium, copper, lead, magnesium, manganese, nickel, selenium, and sodium), pesticides (chlordane), and polychlorinated biphenyls (PCBs) (Aroclor 1260) were identified at concentrations above the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA Groundwater.

Results of the soil vapor investigation identified several volatile organic compounds (VOCs) (petroleum-related, chlorinated and other solvents, and fluorinated compounds) in soil vapor exceeding New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion, October 2006 (updated May 2017).

2. Scope of Work

GEI conducted several Site reconnaissance inspections and the supplemental investigation field work in November and December 2022. This section provides a description of the activities performed and the methods employed to complete the field work. Photographs collected during the investigation are presented in Appendix A.

For discussion purposes, and as depicted on Figure 2, the Site has been divided into five areas: the Large Auto Mechanic, Small Auto Mechanic, Interior Parking Area, Machine Shop, and Exterior Parking Area, from north to south, respectively. Also included on Figure 2 are all test pit, soil boring, monitoring well, and soil vapor sample locations. It should be noted that large portions of all Site areas were not able to be accessed due to equipment clutter and active work occurring at the various businesses currently operating at the property.

2.1 Geophysical Investigation

On November 21 and 22, 2022, a geophysical and magnetometer survey was performed by East Coast Geophysics, Inc. of Bensalem, Pennsylvania to identify and further assess the locations of the 10 previously identified UST anomalies, as well as underground features and subsurface utilities present in the proposed test pit/boring locations. The survey area included all open and accessible areas of the property, as shown on Figure 2.

The geophysical and magnetometer survey was completed with a Geophysical Survey Systems Inc. SIR-3000 cart-mounted Ground Penetrating Radar (GPR) unit with a 400 Mhz antenna, a Radio detection RD7000 precision utility locator, and a Fisher M-Scope TW-6 pipe and cable locator using inductive mode tracing.

2.2 Test Pits

A total of two test pits were excavated in accessible areas by Mega using a small excavator in order to expose and assess the several anomalies previously identified to be USTs at the Site. Prior to excavation, the concrete flooring/foundation was demolished using a small jack hammer.

One small test pit was excavated in the Exterior Parking Area in the southern portion of the Site and a larger test pit was excavated within the Interior Parking Area located in the central portion of the Site building. As described in Section 3.3, at least one leaking UST, strong odors, and elevated PID readings were observed within the larger test pit in the Interior Parking Area, where a total of two soil samples were collected for laboratory analysis.

Soil sample analytical parameters are discussed below in Section 2.6, and analytical results are provided in Table 1.

2.3 Soil Boring Installation and Sampling

A total of 10 soil borings (SB-1 through SB-10) were installed in accessible areas throughout the Site by Coastal Environmental Solutions, Inc. (Coastal) of Medford, New York, utilizing using a direct-push drill rig.

Soil boring locations were selected based on review of the Phase II ESA, results from the GPR survey, and field observations. At least one soil boring was installed within each of the five Site areas described above. In general, the soil borings were located in the vicinity of previously identified UST anomalies, a key floor drain located within the Large Auto Mechanic area and were generally limited to accessible areas throughout the Site.

Soil borings were completed to depths ranging from 5 to 20 feet below ground surface (bgs) and a total of 19 soil samples were collected for laboratory analysis from the 10 soil borings. Soil samples were logged by a GEI geologist who recorded geologic data, observations regarding moisture content, the results of PID soil headspace readings, and visual and olfactory observations (presence of a sheen, discoloration, or odors) which may be indicative of hydrocarbons or other contaminant residuals. Soil boring logs are provided in Appendix B.

Soil sample analytical parameters are discussed below in Section 2.6, and analytical results are provided in Table 1.

2.4 Groundwater Monitoring Well Installation, Development, and Sampling

Four monitoring wells (MW-1 through MW-4) were installed in accessible locations and were generally biased towards the previously identified UST anomalies and a key floor drain located within the Large Auto Mechanic area.

The monitoring wells (all 2-inch in diameter) were installed as follows:

- MW-01 and MW-02 (screened from 5 to 15 feet bgs) were installed immediately adjacent to the USTs identified in the Interior Parking Area.
- MW-03 (screened from 8 to 13 feet bgs) was installed within the Small Auto Mechanic basement, in close proximity to an aboveground storage tank (AST) located within the basement and the nearby USTs identified in the Interior Parking Area.

- MW-04 (screened from 5 to 15 feet bgs) was installed within the Large Auto Mechanic area, in close proximity to a center floor drain noted to contain petroleum and solvent-like odoriferous liquids.

To increase the representativeness of our groundwater samples, the four wells were developed with a whale pump to remove fines from the water column (to 50 nephelometric turbidity units [NTUs] or less) prior to sampling. Development purge wastewater was contained in a 55-gallon drum for later off-site transportation and disposal. Approximately 1-week following development, groundwater samples were collected using a peristaltic pump and dedicated tubing following stabilization of field readings utilizing proper low-flow groundwater well purging and sampling procedures.

In addition, two geotechnical soil borings located within the sidewalk along the eastern side of the building were completed as 2-inch monitoring wells as part of the geotechnical soil boring investigation. The wells were installed to total depths of approximately 17.5 feet bgs (screened from approximately 7 to 17 feet bgs) and 19.5 feet bgs (screened from approximately 9 to 19 feet bgs). It should be noted that these wells were not developed or sampled, as they are planned to be sampled in the future as part of a separate field effort.

Groundwater sample analytical parameters are discussed below in Section 2.6, and analytical results are provided in Table 2.

2.5 Soil Vapor Sampling

Five soil vapor probes (SV-1 through SV-5) were installed in accessible locations, biased towards the previously identified UST anomalies and a key floor drain located within the Large Auto Mechanic area. At least one soil vapor probe was installed within each of the five Site areas described above. Methodologies used for soil vapor installation and sampling conform to the NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006 (updated May 2017).

Soil vapor probes were installed to a depth of approximately 9 feet bgs to generally coincide with the anticipated depth of the planned new building cellar depth, and were constructed of new, dedicated polyethylene tubing. The space around the tubing was sealed with inert clay. In accordance with NYSDOH protocols and to serve as a quality assurance/quality control (QA/QC) measure, the seal integrity was tested by enriching the airspace around the sample point with a tracer gas (i.e., helium) and a hand-held helium detector was used to assess seal integrity. Once the seal was confirmed to be intact, the sample was collected. Following sample collection, the tubing was removed and discarded, and the floor was patched with concrete.

Samples were collected in laboratory-certified 6-liter summa canisters. Flow rate for both purging and sampling did not exceed 0.2 L/min. One to three tubing volumes were purged

prior sample collection. Sampling occurred for a two-hour duration. Soil vapor sample analytical results are provided in Table 3.

2.6 Laboratory Analysis

Upon collection, soil and groundwater samples were placed into an iced cooler and soil vapor samples were properly packaged and transported under standard Chain-of-Custody procedures to Eurofins Environmental Testing, a NYSDOH Environmental Laboratory Accreditation Program (ELAP) certified laboratory.

In addition, two soil samples collected from the large test pit within the Interior Parking Area were transported to York Analytical Laboratories, Inc., (York) for expedited analysis of VOCs and total petroleum hydrocarbons (TPHs) via gasoline range organics (GRO) only.

With the exception of the expedited soil samples described above, soil and groundwater samples were generally analyzed for the following parameters:

- VOCs using United States Environmental Protection Agency (USEPA) Method 8260D.
- Semi-volatile organic compounds (SVOCs) using USEPA Method 8270E.
- Pesticides using USEPA Method 8081B.
- PCBs using USEPA Method 8082A.
- Target Analyte List (TAL) metals using USEPA Methods 6020B, 7471B, 7196A, and 9012B.
- TPHs via GRO Method 8015D (soil samples only).

Soil vapor samples were analyzed for VOCs using USEPA Method TO-15.

Laboratory analytical reports are provided as Appendix C.

2.7 Health and Safety Plan

GEI uses a site-specific health and safety plan (HASP) for all investigative work, which assigns responsibilities, establishes personal protection standards, recommends operating procedures, and provides for contingencies that may arise during performance of field work at the Site. The protocols in the HASP apply to all personnel, including GEI, all outside subcontractors, the client, and regulatory agencies who may be present during the performance of field work.

In addition, the following safety equipment is made available for responding to potential emergency situations: portable eyewash, ABC fire extinguisher, and first aid kit. Telephone

numbers of emergency response units in the area are also included. All personnel working at the Site are also required to receive training in respirator fitting, emergency procedures, equipment decontamination, and task-specific procedures, as appropriate. All personnel involved with the collection of soil, groundwater, and soil vapor samples have successfully completed the 40-hour Occupational Safety and Health Administration (OSHA) Hazardous Materials Training Program.

3. Findings

The below narrative presents the findings of the Supplemental Investigation completed at the Site. Locations of the test pits, soil borings, monitoring wells, and soil vapor probes are provided on Figure 2. It should be noted that large portions of all Site areas were not able to be accessed due to equipment clutter and active work occurring at the various businesses currently operating at the property.

Soil, groundwater, and soil vapor sample analytical results are provided in Tables 1 through 3, respectively. In addition, summary of exceedance figures for soil, groundwater, and soil vapor are provided as Figures 3 through 5 (which also include exceedances observed during the 2018 Phase II investigation), respectively.

3.1 Lithology and Hydrogeology

As shown on the soil boring logs provided in Appendix B, urban fill was noted in several soil borings to depths of up to approximately 3 feet bgs (soil boring SB-6, collected in the central area of the Site), and recycled concrete aggregate (RCA) was also noted in the upper 1-foot of material underlying the building concrete flooring/foundation (approximately 6 inches) at soil boring SB-6 and SB-7, collected in the central area of the Site.

Urban fill is underlain predominantly by fine-to-medium sand and silt with varying amounts of fine gravel, observed to a depth of 8 to 15 feet bgs. Soil recovered at soil boring SB-10 completed adjacent to a floor drain within the Large Auto Mechanic area exhibited medium brown-to-blackish staining, moderate hydrocarbon-like odors, and PID readings of up to 40.6 parts per million (ppm); and soil recovered adjacent to the USTs in the large test pit completed within the Interior Parking Area exhibited light-to-medium brown staining, strong hydrocarbon-like odors, and PID readings of up to 156 ppm.

Groundwater was identified at approximately 10.5 to 12 bgs throughout the Site; however, groundwater flow gradients have not been established, as the wells have not yet been surveyed.

3.2 Geophysical Investigation and Survey

The geophysical survey completed in the accessible areas of the Site indicated below grade anomalies in the Interior Parking Area, where five UST anomalies were previously identified in 2018. However, due to access restrictions, the other five previously identified UST anomalies were not able to be confirmed. A small anomaly was observed in the southern portion of the Exterior Parking Area of the Site, where a small test pit was excavated, as described below.

3.3 Test Pits

Based on the small anomaly identified in the Exterior Parking Area of the Site, a small test pit was excavated in this area; however, no UST or other below grade feature was identified to a depth of approximately 5 feet bgs and, therefore, no soil samples were collected in this location.

The larger test pit was excavated within the Interior Parking Area located in the central portion of the Site building. At least one UST (concrete encased and likely part of a five-UST tank farm) and associated piping were identified in this location. The piping was noted to be pitted and in poor condition. Portions of the piping appeared to be part of a former dispensing structure. Stained soil and evidence of historical and current leaks (likely petroleum, based on odors) were noted adjacent to the UST and below the piping. As identified above, soil recovered from the large test pit exhibited soil staining, strong hydrocarbon-like odors, and PID readings of up to 156 ppm. As such, the NYSDEC was notified, and a spill was subsequently assigned to the Site (NYSDEC Spill No. 2207384).

A total of two soil samples were collected for laboratory analysis from the large test pit: one soil sample (UST-TP-1) was collected in association with the UST piping; and one soil sample (UST-TP-2) was collected adjacent to the UST. Soil sample analytical results are discussed below.

3.4 Soil Analytical Results

Soil sample analytical results were compared to the NYSDEC Part 375 SCOs. Soil sample analytical results are summarized in Table 1 and a summary of exceedances is provided on Figure 3 (which also includes historical exceedances observed during the 2018 Phase II ESA). A summary of our findings is presented below:

VOCs

The majority and greatest concentration of VOCs were detected soil sample SB-10 (0 to 2 feet), collected adjacent to the central floor drain located in the Large Auto Mechanic area in the northern portion of the Site, as follows:

- Tetrachloroethene, at a concentration of 18 milligrams per kilogram (mg/kg), was detected in exceedance of its Residential SCO of 5.5 mg/kg.
- In addition, SB-10 (0 to 2 feet) also exhibited the following petroleum-related and chlorinated VOCs in exceedance of their respective Unrestricted SCOs:
    - 1,2-Dichlorobenzene, at a concentration of 3.4 mg/kg.
    - cis-1,2-Dichloroethene, at a concentration of 1.0 mg/kg.

- Ethylbenzene, at a concentration of 1.7 mg/kg.
- Toluene, at a concentration of 2.7 mg/kg.
- Trichloroethene, at a concentration of 1.1 mg/kg.

Acetone, at a concentration of 0.14 mg/kg, was also detected in exceedance of its Unrestricted SCO in soil sample SB-2 (8 to 10 feet), collected in the Large Auto Mechanic area in the northern portion of the Site.

Additionally, during the 2018 Phase II ESA (Figure 3), acetone, ranging in concentration from 0.072 mg/kg to 0.26 mg/kg, was detected in exceedance of its Unrestricted SCO in three historical soil samples, with the greatest concentration detected in historical soil sample B-13 (12 to 14 feet), collected in the southeastern corner of the Site.

SVOCs (including 1,4-Dioxane)

PAHs, a subset of SVOCs were detected at concentrations exceeding the Residential and Industrial SCOs at two soil boring locations: SB-7, located in the Large Auto Mechanic area in the northern portion of the Site; and SB-9, located in the Small Auto Mechanic area in northern portion of the Site.

The majority and greatest concentrations of exceedances were detected at soil sample SB-9 (8 to 9 feet), located in the Small Auto Mechanic area in northern portion of the Site, as follows:

- Benzo[a]anthracene, at a concentration of 2.6 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Benzo[a]pyrene, at a concentration of 2.3 mg/kg, was detected in exceedance of its Industrial SCO of 1.1 mg/kg.
- Benzo[b]fluoranthene, at a concentration of 3.0 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Benzo[k]fluoranthene, at a concentration of 1.2 mg/kg, was detected in exceedance of its Residential SCO of 1 mg/kg.
- Chrysene, at a concentration of 2.1 mg/kg, was detected in exceedance of its Residential SCO of 1 mg/kg.
- Dibenz(a,h)anthracene, at a concentration of 0.43 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.33 mg/kg.
- Indeno[1,2,3-cd]pyrene, at a concentration of 1.6 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.5 mg/kg.

Additionally, during the 2018 Phase II ESA (Figure 3), these same PAHs were detected in exceedance of their respective Residential, Commercial, and Industrial SCOs in historical soil sample B-9 (0 to 2 feet), located in the western portion of the Exterior Parking Area, as follows:

- Benzo[a]anthracene, at a concentration of 7.79 mg/kg, was detected in exceedance of its Commercial SCO of 5.6 mg/kg.
- Benzo[a]pyrene, at a concentration of 6.63 mg/kg, was detected in exceedance of its Industrial SCO of 1.1 mg/kg.
- Benzo[b]fluoranthene, at a concentration of 6.63 mg/kg, was detected in exceedance of its Commercial SCO of 5.6 mg/kg.
- Benzo[k]fluoranthene, at a concentration of 5.62 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Chrysene, at a concentration of 6.72 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Dibenz(a,h)anthracene, at a concentration of 1.56 mg/kg, was detected in exceedance of its Industrial SCO of 1.1 mg/kg.
- Indeno[1,2,3-cd]pyrene, at a concentration of 4.17 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.5 mg/kg.

Pesticides

4,4'-DDE, at a concentration of 0.0037 mg/kg, was detected in exceedance of its Unrestricted SCO of 0.0033 mg/kg in soil sample SB-5 (0 to 2 feet), collected in the Interior Parking Area.

Additionally, during the 2018 Phase II ESA (Figure 3), 4,4'-DDT was detected at a concentration of 0.00613 mg/kg, in exceedance of its Unrestricted SCO in historical soil sample B-6 (0 to 2 feet), collected in the Machine Shop area.

PCBs

PCBs were not detected in any current or historical soil sample.

Metals

Nickel, at a concentration of 32.2 mg/kg, was detected in exceedance of its Unrestricted SCO of 30 mg/kg in soil sample SB-2 (8 to 10 feet), collected in the Exterior Parking Area.

Zinc was detected in exceedance of its Unrestricted SCO of 109 mg/kg at three soil sample locations, collected in the Large Auto Mechanic area and Interior Parking Area. The greatest

zinc concentration (347 mg/kg) was detected in soil sample UST-TP-1, collected in association with the UST piping identified in the large test pit within the Interior Parking Area.

Additionally, during the 2018 Phase II ESA (Figure 3), arsenic, copper, lead, mercury, and zinc were detected in exceedance of the Unrestricted SCOs, primarily in the western and southern portions of the Site. Arsenic (68 mg/kg and 113 mg/kg) was also detected in exceedance of its Industrial SCO of 16 mg/kg in historical soil samples B-7 (0 to 2 feet) and B-8 (0 to 2 feet), respectively, collected in the Machine Shop area within the central portion of the Site.

GRO

GRO were identified at a concentration of 5.8 mg/kg at soil sample UST-TP-2, collected in association with the stained and odoriferous soil noted adjacent to the UST identified in the large test pit excavated within the Interior Parking Area. It should be noted that NYSDEC has not established a soil cleanup objective for GRO.

3.5 Groundwater Analytical Results

Analytical results for the groundwater samples were compared to NYSDEC TOGS AWQS. Groundwater sample analytical results are summarized in Table 2 and a summary of exceedances is provided on Figure 4 (which also includes historical exceedances observed during the 2018 Phase II ESA). A summary of our findings is presented below:

VOCs

VOCs were either not detected or detected below applicable standards.

SVOCs (including 1,4-Dioxane)

SVOCs, including 1,4-dioxane, were not detected in any groundwater sample during the current investigation.

Several PAHs were detected during the 2018 Phase II ESA (Figure 4) in exceedance of their respective AWQS of 0.002 µg/L in historical groundwater sample GW-2, located in the central portion of the Interior Parking Area, as follows:

- Benzo[a]anthracene was detected at a concentration of 0.295 µg/L.
- Benzo[a]pyrene was detected at a concentration of 0.411 µg/L.
- Benzo[b]fluoranthene was detected at a concentration of 60.295 µg/L.
- Benzo[k]fluoranthene was detected at a concentration of 0.337 µg/L.

Pesticides

Pesticides were not detected in any current groundwater sample during the current investigation.

Total chlordane was detected at a concentration of 0.0682 µg/L in exceedance of its AWQS of 0.05 µg/L in historical groundwater sample GW-1. GW-1 was collected in the Large Auto Mechanic area during the 2018 Phase II ESA (Figure 4).

PCBs

PCBs were not detected in any current groundwater sample.

During the 2018 Phase II ESA (Figure 4), total PCBs were detected in exceedance of its AWQS of 1.0 µg/L in all four historical groundwater samples collected throughout the Site. Total PCB exceedances ranged from 3.74 µg/L to 7.76 µg/L, with the greatest concentration detected in historical groundwater sample GW-2, collected in the Interior Parking Area.

Metals

Total arsenic, beryllium, chromium, copper, iron, lead, magnesium, manganese, nickel, sodium, and thallium were detected in exceedance of the AWQS in one or more of all groundwater samples. The majority and greater concentrations of total metals were detected in monitoring well MW-4, located adjacent to the floor drain in the Large Auto Mechanic area. In addition, dissolved manganese and sodium were detected at concentrations exceeding their respective AWQS in one or more of all four groundwater samples.

Additionally, during the 2018 Phase II ESA (Figure 4), total arsenic, barium, chromium, copper, iron, lead, magnesium, manganese, nickel, selenium, and sodium were detected in exceedance of the AWQS in one or more of all four historical groundwater samples. In addition, dissolved manganese, selenium, and sodium were detected at concentrations exceeding their respective AWQS in one or more of all four historical groundwater samples.

GRO

GRO were not detected in any current groundwater sample.

3.6 Soil Vapor Analytical Results

Although not directly comparable, as indoor air samples were not collected for the purposes of this investigation, GEI compared soil vapor analytical results to the NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006, updated May 2017) and associated guidance values provided on Matrixes A through Matrix C for informational purposes. It should be noted that this NYSDOH guidance provides sub-slab soil vapor "mitigate" threshold concentrations for key compounds, regardless of corresponding indoor air

concentrations, which are used to screen the sample results described below. Soil vapor sample analytical results are summarized in Table 3 and Figure 5 (which also includes historical exceedances observed during the 2018 Phase II ESA). A summary of our findings is presented below:

Soil vapor samples exhibited elevated chlorinated and petroleum-related VOCs at a range of concentrations throughout the Site. In general, the higher VOC concentrations were detected in soil vapor samples SV-2 and SV-3, collected in the central and northern portions of the Site, within the Interior Parking Area and Large Auto Mechanic, respectively.

Trichloroethene, at a concentration of 96 µg/m³, exceeded its NYSDOH Guidance Matrix sub-slab soil vapor "mitigate" threshold of 60 µg/m³ at soil vapor probe SV-2, collected in close proximity to the central floor drain within the Large Auto Mechanic area. In addition, total benzene, toluene, ethylbenzene, and xylene (BTEX) compounds exhibited a concentration of 1,199 µg/m³ at soil vapor probe SV-3, located in close proximity to the USTs within the Large Auto Mechanic area; however, a NYSDOH Guidance Matrix value for BTEX has not been established.

Additionally, during the 2018 Phase II ESA (Figure 5), several BTEX and chlorinated VOCs were identified at elevated concentrations in several historical soil vapor samples, as follows:

- Tetrachloroethene, at a concentration of 1,200 µg/m³, exceeded its NYSDOH Guidance Matrix sub-slab soil vapor "mitigate" threshold of 1,000 µg/m³ at historical soil vapor probe SV-2, collected in close proximity to the central floor drain within the Large Auto Mechanic area.
- Trichloroethene, at concentrations ranging from 180 µg/m³ to 390 µg/m³, exceeded its NYSDOH Guidance Matrix sub-slab soil vapor "mitigate" threshold of 60 µg/m³ at historical soil vapor probe SV-3 and SV-4, collected in the central-eastern portion of the Site.
- In addition, historical total BTEX compounds were detected at concentrations ranging from 579 µg/m³ to 1,523 µg/m³ throughout the Site, with the maximum BTEX concentration identified at historical soil vapor probe SV-4, collected in the central-eastern portion of the Site; however, a NYSDOH Guidance Matrix value for BTEX has not been established.

4. Conclusions and Recommendations

This investigation was completed to establish baseline conditions prior to the planned redevelopment of the Site with an 11-story residential building and to further investigate contaminant concentrations and field conditions identified during the Phase II ESA. It should be noted that large portions of all Site areas were not able to be accessed due to equipment clutter and active work occurring at the various businesses currently operating at the property.

It should also be noted that a geotechnical soil boring investigation was completed by GEI at the Site concurrently with this investigation, which will be reported under separate cover.

4.1 Conclusions

Based on review of the soil boring logs, urban fill was noted to depths of up to approximately 3 feet bgs throughout the Site, and RCA was noted in the upper 1-foot of material underlying the building concrete flooring/foundation in the central area of the Site. Soil recovered adjacent to a floor drain within the Large Auto Mechanic area exhibited medium brown-to-blackish staining, moderate hydrocarbon-like odors, and elevated PID readings; and soil recovered at the large test pit completed adjacent to the USTs within the Interior Parking Area exhibited light-to-medium brown staining, strong hydrocarbon-like odors, and elevated PID readings. Groundwater was encountered at approximately 10.5 to 12 feet bgs throughout the Site.

The geophysical survey completed in accessible Site areas indicated anomalies indicative of USTs in the Interior Parking Area, in the same area where five UST anomalies were previously reported in 2018. The geophysical survey was not able to confirm the other five UST anomalies previously identified in 2018, due to access restrictions.

A UST (concrete encased, and likely part of a five-UST tank farm) and associated piping were identified in the large test pit excavated within the Interior Parking Area. The piping was noted to be pitted, corroded, and in poor condition, and stained soil and evidence of historical and current leaks were noted adjacent to the UST and below the piping. As such, the NYSDEC was notified, and a spill was subsequently assigned to the Site (NYSDEC Spill No. 2207384).

Several VOCs, PAHs, metals, and pesticides were detected in exceedance of multiple Part 375 SCOs in one or more historical and current soil sample collected throughout the Site (Figure 3). In general, the greater evidence of soil contamination (visual, olfactory, and elevated PID readings) and the greater number and concentrations of Part 375 SCO exceedances, including tetrachloroethene, were identified in the northern portion of the Site

in the vicinity of the central floor drain located in the Large Auto Mechanic and the USTs identified in the Interior Parking Area. It should be noted that tetrachloroethene is found in many industrial and automotive cleaning products. In addition, PAH and arsenic exceedances of multiple Part 375 SCOs were also noted in the western portion of the Site, in the Exterior Parking Area and the Machine Shop area.

One or more of several PAHs, metals (dissolved metals exceedances included manganese, selenium, and sodium), pesticides, and PCBs were detected in exceedance of the AWQS in one or more historical and current groundwater sample collected throughout the Site (Figure 4). Although not detected during this investigation, total PCBs were detected in exceedance of its AWQS of 1.0 ug/L in all four historical groundwater samples (ranging from 3.74 ug/L to 7.76 ug/L) collected throughout the Site, with the greatest concentration detected in the Interior Parking Area.

Several chlorinated and petroleum-related VOCs were detected in the historical and current soil vapor samples collected throughout the Site, with the highest concentrations generally located in the northeastern and eastern portions of the Site (Figure 5). Tetrachloroethene and trichloroethene were detected at concentrations exceeding their respective NYSDOH Guidance Matrix sub-slab soil vapor "mitigate" thresholds in several current and historical soil vapor probes completed in these areas. Elevated tetrachloroethene was also identified in soil in the vicinity of the central floor drain located in the Large Auto Mechanic area, where the most elevated current and historical tetrachloroethene concentrations were detected in soil vapor. In addition, historical and current total BTEX concentrations of up to 1,523 $\mu g/m^3$ were identified, with the maximum BTEX concentration identified in the central eastern portion of the Site; however, a NYSDOH Guidance Matrix value for BTEX has not been established.

4.2 Recommendations

Based on evaluation of the analytical results provided above, and given that the future plans for the Site include redevelopment with an 11-story residential building under the New York State BCP, the following is recommended:

- Preparation and submission of a Remedial Investigation Work Plan (RIWP) for NYSDEC review and approval to further investigate and delineate Site soil, groundwater, and soil vapor contaminants identified during the Supplemental Investigation. The RIWP will include descriptions of the proposed investigation scope, the future redevelopment plans for the Site, and how such may relate.
- Survey all existing and proposed wells, so groundwater flow gradients can be established at the Site.
- Preparation and submission of a complete BCP Application package for NYSDEC review and approval. As part of this effort, and as previously discussed

with NYSDEC, the BCP Application package include the historical Phase I and II ESAs, this Supplemental Investigation Report, and a draft RIWP to expedite the overall review and approval process.

- As it is likely that at least 10 USTs exist at the Site, which likely have not been properly closed, it is recommended that these and any other USTs which may be identified as part of any future remedial or construction/redevelopment work be properly registered and closed.
- As a NYSDEC spill (Spill No. 2207384) was assigned to the Site based on evidence of historical and current leaks noted at the UST identified within the Interior Parking Area, it is recommended that additional investigation of this spill be completed, as necessary, and the spill be properly closed as part of future investigation and/or remedial activities at the Site.

Tables

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**		**SB-3 (0-2)**		**SB-4 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00		11/28/2022 13:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.00025	U	0.00027	U	0.00030	U	0.00028	U F1	0.00034	U	0.00025	U	0.00047	U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	0.00023	U	0.00025	U	0.00027	U	**0.00026**	U F1 F2	0.00031	U	0.00023	U	0.00043	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	0.00032	U	0.00035	U	0.00038	U	0.00036	U F1	0.00044	U	0.00032	U F1	0.00061	U
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	0.00019	U	0.00021	U	0.00023	U	0.00021	U F1	0.00026	U	0.00019	U	0.00036	U
1,1-Dichloroethane	0.27	19	26	240	480	0.00022	U	0.00024	U	0.00026	U	0.00025	U F1	0.00030	U	0.00022	U	0.00042	U
1,1-Dichloroethene	0.33	100	100	500	1000	0.00024	U	0.00026	U	0.00029	U	0.00027	U F1	0.00033	U	0.00024	U	0.00046	U
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	0.00019	U	0.00021	U	0.00023	U	0.00022	U F1	0.00027	U	0.00019	U F1 F2	0.00037	U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	0.00039	U	0.00042	U	0.00046	U	0.00043	U F1	0.00053	U	0.00038	U F1 F2	0.00073	U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	0.00049	U	0.00054	U	0.00059	U	0.00056	U F1	0.00067	U	0.00048	U	0.00093	U
1,2-Dichlorobenzene	1.1	100	100	500	1000	0.00039	U	0.00042	U	0.00046	U	0.00044	U F1	0.00053	U	0.00038	U F1	0.00073	U
1,2-Dichloroethane	NA	2.3	3.1	30	60	0.00032	U	0.00035	U	0.00038	U	0.00036	U F1	0.00043	U	0.00031	U	0.00060	U
1,2-Dichloropropane	NA	NA	NA	NA	NA	0.00046	U	0.00050	U	0.00054	U	0.00051	U F1	0.00062	U	0.00045	U	0.00086	U
1,3-Dichlorobenzene	2.4	17	49	280	560	0.00039	U	0.00043	U	0.00047	U	0.00044	U F1	0.00054	U	0.00038	U F1	0.00074	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	0.00024	U	0.00026	U	0.00029	U	0.00027	U F1	0.00033	U	0.00024	U F1	0.00046	U
2-Butanone (MEK)	0.12	100	100	500	1000	0.00040	U	0.00043	U	**0.0084**		**0.0072**	F1	**0.029**		0.00039	U F1	0.00075	U
2-Hexanone	NA	NA	NA	NA	NA	0.0018	U	0.0020	U	0.0022	U	0.0021	U	0.0025	U	0.0018	U	0.0035	U
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	0.0017	U	0.0018	U	0.0020	U	0.0019	U F1	0.0023	U	0.0016	U	0.0032	U
Acetone	0.05	100	100	500	1000	0.0062	U	0.0067	U	**0.022**		**0.041**	F1 F2	**0.14**		0.0060	U	**0.015**	
Benzene	0.06	2.9	4.8	44	89	0.00028	U	0.00030	U	0.00033	U	0.00031	U F1	0.00038	U	0.00027	U	0.00052	U
Bromoform	NA	NA	NA	NA	NA	0.00046	U	0.00050	U	0.00054	U	0.00051	U F1	0.00062	U	0.00045	U F1	0.00086	U *-
Bromomethane	NA	NA	NA	NA	NA	0.0011	U	0.0012	U	0.0013	U	0.0012	U F1	0.0015	U	0.0011	U	0.0020	U
Carbon disulfide	NA	NA	NA	NA	NA	0.00029	U	0.00031	U	0.00034	U	0.00032	U F1	**0.0018**		0.00028	U F1	0.00054	U
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.00042	U	0.00045	U	0.00049	U	0.00047	U F1	0.00057	U	0.00041	U F1	0.00079	U
Chlorobenzene	1.1	100	100	500	1000	0.00019	U	0.00021	U	0.00023	U	0.00021	U F1	0.00026	U	0.00019	U F1	0.00036	U
Chlorobromomethane	NA	NA	NA	NA	NA	0.00030	U	0.00033	U	0.00036	U	0.00034	U F1	0.00041	U	0.00030	U F1	0.00057	U

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-1 (0-2)		SB-1 (6-8)		SB-1 (10-12)		SB-2 (0-2)		SB-2 (8-10)		SB-3 (0-2)		SB-4 (0-2)	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00		11/28/2022 13:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
Chlorodibromomethane	NA	NA	NA	NA	NA	0.00021	U	0.00023	U	0.00025	U	0.00023	U F1	0.00028	U	0.00020	U F1	0.00039	U *-
Chloroethane	NA	NA	NA	NA	NA	0.00056	U	0.00061	U	0.00067	U	0.00063	U	0.00077	U	0.00055	U	0.0011	U
Chloroform	0.37	10	49	350	700	0.0010	U	0.0011	U	0.0012	U	0.0012	U F1	0.0014	U	0.0010	U	0.0020	U
Chloromethane	NA	NA	NA	NA	NA	0.00047	U	0.00051	U	0.00056	U	0.00052	U F1	0.00064	U	0.00046	U	0.00088	U
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.00039	U	0.00042	U	0.00046	U	0.00043	U F1	0.00053	U	0.00038	U F1	0.00073	U
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00029	U	0.00032	U	0.00035	U	0.00033	U F1	0.00040	U	0.00029	U	0.00055	U
Cyclohexane	NA	NA	NA	NA	NA	0.00024	U	0.00026	U	0.00028	U	0.00027	U F1	0.00032	U	0.00023	U	0.00045	U
Dichlorobromomethane	NA	NA	NA	NA	NA	0.00028	U	0.00030	U	0.00033	U	0.00031	U F1	0.00038	U	0.00027	U	0.00052	U *-
Dichlorodifluoromethane	NA	NA	NA	NA	NA	0.00036	U	0.00040	U	0.00043	U	0.00041	U F1	0.00050	U	0.00036	U F1	0.00069	U
Ethylbenzene	1	30	41	390	780	0.00021	U	0.00023	U	0.00025	U	0.00024	U F1	0.00029	U	0.00021	U	0.00040	U
Ethylene Dibromide	NA	NA	NA	NA	NA	0.00019	U	0.00021	U	0.00023	U	0.00022	U F1	0.00026	U	0.00019	U F1	0.00037	U
Isopropylbenzene	NA	NA	NA	NA	NA	0.00031	U	0.00033	U	0.00036	U	0.00034	U F1	0.00042	U	0.00030	U F1	0.00058	U
Methyl acetate	NA	NA	NA	NA	NA	0.0046	U	0.0050	U	0.0055	U	0.0052	U F2	0.0063	U	0.0045	U	0.0087	U
Methyl tert-butyl ether	0.93	62	100	500	1000	0.00055	U	0.00060	U	0.00065	U	0.00062	U F1	0.00075	U	0.00054	U F1	0.0010	U
Methylcyclohexane	NA	NA	NA	NA	NA	0.00054	U	0.00059	U	0.00064	U	0.00060	U F1	0.00073	U	0.00053	U F1	0.0010	U
Methylene Chloride	0.05	51	100	500	1000	0.0012	U	0.0013	U	0.0015	U	0.0014	U F1	0.0017	U	0.0012	U F1	**0.0034**	J
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	0.00019	U	0.00020	U	0.00022	U	0.00021	U F1	0.00026	U	0.00018	U F1	0.00035	U
o-Xylene	NA	NA	NA	NA	NA	0.00021	U	0.00023	U	0.00025	U	0.00023	U F1	0.00028	U	0.00020	U	0.00039	U
Styrene	NA	NA	NA	NA	NA	0.00030	U	0.00033	U	0.00036	U	0.00034	U F1	0.00041	U	0.00029	U F1	0.00056	U
Tetrachloroethene	1.3	5.5	19	150	300	0.00033	U	0.00036	U	0.00039	U	0.00037	U F1	0.00045	U	0.00032	U F1	**0.00063**	J
Toluene	0.7	100	100	500	1000	0.00025	U	0.00027	U	0.00030	U	0.00028	U F1	0.00034	U	0.00025	U	0.00048	U
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.00026	U	0.00029	U	0.00031	U	0.00030	U F1	0.00036	U	0.00026	U F1	0.00050	U
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00029	U	0.00031	U	0.00034	U	0.00032	U F1	0.00039	U	0.00028	U F1	0.00054	U *-
Trichloroethene	0.47	10	21	200	400	0.00035	U	0.00038	U	0.00041	U	0.00039	U F1	0.00047	U	0.00034	U F1	0.00065	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	0.00044	U	0.00048	U	0.00052	U	0.00049	U F1	0.00060	U	0.00043	U F1	0.00083	U
Vinyl chloride	0.02	0.21	0.9	13	27	0.00059	U	0.00064	U	0.00070	U	0.00066	U F1	0.00080	U	0.00057	U F1	0.0011	U
SOIL BY 8015D																			
GRO	NA	NA	NA	NA	NA	6.6	U	3.1	U	5.5	U	3.6	U	5.2	U	2.1	U	2.9	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**		**SB-7 (0-2)**		**SB-8 (8-9)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		12/01/2022 11:20:00		12/01/2022 11:30:00		11/30/2022 13:20:00		12/01/2022 12:10:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.00027	U	0.00024	U	0.00026	U	0.00026	U	0.00027	U	0.00038	U	0.00028	U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	0.00025	U	0.00022	U	0.00024	U	0.00024	U	0.00025	U	0.00035	U	0.00026	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	0.00035	U	0.00031	U	0.00034	U	0.00034	U	0.00035	U	0.00049	U	0.00036	U
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	0.00020	U	0.00018	U	0.00020	U	0.00020	U	0.00021	U	0.00029	U	0.00021	U
1,1-Dichloroethane	0.27	19	26	240	480	0.00024	U	0.00021	U	0.00023	U	0.00023	U	0.00024	U	0.00033	U	0.00025	U
1,1-Dichloroethene	0.33	100	100	500	1000	0.00026	U	0.00023	U	0.00025	U	0.00025	U	0.00026	U	0.00036	U	0.00027	U
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	0.00021	U	0.00019	U	0.00020	U	0.00020	U	0.00021	U	0.00029	U	0.00022	U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	0.00041	U	0.00037	U	0.00040	U	0.00040	U	0.00042	U	0.00058	U	0.00043	U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	0.00053	U	0.00048	U	0.00052	U	0.00052	U	0.00054	U	0.00075	U	0.00055	U
1,2-Dichlorobenzene	1.1	100	100	500	1000	0.00041	U	0.00037	U	0.00041	U	0.00040	U	0.00042	U	0.00058	U	0.00043	U
1,2-Dichloroethane	NA	2.3	3.1	30	60	0.00034	U	0.00031	U	0.00033	U	0.00033	U	0.00035	U	0.00048	U	0.00035	U
1,2-Dichloropropane	NA	NA	NA	NA	NA	0.00049	U	0.00044	U	0.00048	U	0.00047	U	0.00050	U	0.00069	U	0.00051	U
1,3-Dichlorobenzene	2.4	17	49	280	560	0.00042	U	0.00038	U	0.00041	U	0.00041	U	0.00043	U	0.00059	U	0.00044	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	0.00026	U	0.00023	U	0.00025	U	0.00025	U	0.00026	U	0.00036	U	0.00027	U
2-Butanone (MEK)	0.12	100	100	500	1000	0.00042	U	0.00038	U	0.00042	U	0.00041	U	0.00043	U	0.00060	U	0.00044	U
2-Hexanone	NA	NA	NA	NA	NA	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0020	U	0.0028	U	0.0020	U
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	0.0018	U	0.0016	U	0.0018	U	0.0017	U	0.0018	U	0.0025	U	0.0019	U
Acetone	0.05	100	100	500	1000	**0.0081**		**0.0061**	J	**0.023**		0.0064	U	0.0067	U	**0.045**		0.0068	U
Benzene	0.06	2.9	4.8	44	89	0.00030	U	0.00027	U	0.00029	U	0.00029	U	0.00030	U	**0.00084**	J	0.00031	U
Bromoform	NA	NA	NA	NA	NA	0.00049	U *-	0.00044	U *-	0.00048	U	0.00048	U	0.00050	U	0.00069	U	0.00051	U
Bromomethane	NA	NA	NA	NA	NA	0.0011	U	0.0010	U	0.0011	U	0.0011	U	0.0012	U	0.0016	U	0.0012	U
Carbon disulfide	NA	NA	NA	NA	NA	0.00031	U	0.00028	U	0.00030	U	0.00030	U	0.00031	U	0.00043	U	0.00032	U
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.00044	U	0.00040	U	0.00044	U	0.00043	U	0.00045	U	0.00063	U	0.00046	U
Chlorobenzene	1.1	100	100	500	1000	0.00020	U	0.00018	U	0.00020	U	0.00020	U	0.00021	U	0.00029	U	0.00021	U
Chlorobromomethane	NA	NA	NA	NA	NA	0.00032	U	0.00029	U	0.00032	U	0.00031	U	0.00033	U	0.00046	U	0.00034	U

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**		**SB-7 (0-2)**		**SB-8 (8-9)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		12/01/2022 11:20:00		12/01/2022 11:30:00		11/30/2022 13:20:00		12/01/2022 12:10:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
Chlorodibromomethane	NA	NA	NA	NA	NA	0.00022	U *-	0.00020	U *-	0.00022	U	0.00022	U	0.00023	U	0.00031	U	0.00023	U
Chloroethane	NA	NA	NA	NA	NA	0.00060	U	0.00054	U	0.00059	U	0.00058	U	0.00061	U	0.00085	U	0.00062	U
Chloroform	0.37	10	49	350	700	0.0011	U	0.0010	U	0.0011	U	0.0011	U	0.0011	U	0.0016	U	0.0012	U
Chloromethane	NA	NA	NA	NA	NA	0.00050	U	0.00045	U	0.00049	U	0.00049	U	0.00051	U	0.00070	U	0.00052	U
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.00041	U	0.00037	U	0.00040	U	0.00040	U	0.00042	U	0.00058	U	0.00043	U
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00031	U	0.00028	U	0.00031	U	0.00031	U	0.00032	U	0.00044	U	0.00033	U
Cyclohexane	NA	NA	NA	NA	NA	0.00025	U	0.00023	U	0.00025	U	0.00025	U	0.00026	U	0.00036	U	0.00026	U
Dichlorobromomethane	NA	NA	NA	NA	NA	0.00030	U *-	0.00027	U *-	0.00029	U	0.00029	U	0.00030	U	0.00042	U	0.00031	U
Dichlorodifluoromethane	NA	NA	NA	NA	NA	0.00039	U	0.00035	U	0.00038	U	0.00038	U	0.00040	U	0.00055	U	0.00040	U
Ethylbenzene	1	30	41	390	780	0.00023	U	0.00021	U	0.00023	U	0.00022	U	0.00023	U	**0.00049**	J	0.00024	U
Ethylene Dibromide	NA	NA	NA	NA	NA	0.00021	U	0.00019	U	0.00020	U	0.00020	U	0.00021	U	0.00029	U	0.00022	U
Isopropylbenzene	NA	NA	NA	NA	NA	0.00033	U	0.00030	U	0.00032	U	0.00032	U	0.00033	U	**0.00065**	J	0.00034	U
Methyl acetate	NA	NA	NA	NA	NA	0.0049	U	0.0045	U	0.0049	U	0.0048	U	0.0050	U	0.0070	U	0.0051	U
Methyl tert-butyl ether	0.93	62	100	500	1000	0.00059	U	0.00053	U	0.00058	U	0.00057	U	0.00060	U	0.00083	U	0.00061	U
Methylcyclohexane	NA	NA	NA	NA	NA	0.00057	U	0.00052	U	0.00056	U	0.00056	U	0.00058	U	0.00081	U	0.00060	U
Methylene Chloride	0.05	51	100	500	1000	0.0013	U	0.0012	U	0.0013	U	0.0013	U	0.0013	U	0.0019	U	0.0014	U
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	0.00020	U	0.00018	U	0.00020	U	0.00019	U	0.00020	U	0.0023		0.00021	U
o-Xylene	NA	NA	NA	NA	NA	0.00022	U	0.00020	U	0.00022	U	0.00022	U	0.00023	U	**0.0011**	J	0.00023	U
Styrene	NA	NA	NA	NA	NA	0.00032	U	0.00029	U	0.00031	U	0.00031	U	0.00033	U	0.00045	U	0.00033	U
Tetrachloroethene	1.3	5.5	19	150	300	0.00035	U	0.00032	U	0.00034	U	0.00034	U	0.00036	U	**0.0048**		0.00036	U
Toluene	0.7	100	100	500	1000	0.00027	U	0.00024	U	0.00026	U	0.00026	U	0.00027	U	**0.0048**		0.00028	U
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.00028	U	0.00026	U	0.00028	U	0.00028	U	0.00029	U	0.00040	U	0.00029	U
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00031	U *-	0.00028	U *-	0.00030	U	0.00030	U	0.00031	U	0.00043	U	0.00032	U
Trichloroethene	0.47	10	21	200	400	0.00037	U	0.00033	U	0.00036	U	0.00036	U	0.00038	U	0.00052	U	0.00038	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	0.00047	U	0.00042	U	0.00046	U	0.00045	U	0.00048	U	0.00066	U	0.00048	U
Vinyl chloride	0.02	0.21	0.9	13	27	0.00063	U	0.00057	U	0.00062	U	0.00061	U	0.00064	U	0.00088	U	0.00065	U
SOIL BY 8015D																			
GRO	NA	NA	NA	NA	NA	3.3	U	3.5	U	3.1	U	2.7	U	2.5	U	3.8	U	3.0	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-9 (8-9)**		**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**		**SB-10 (10-12)**		**UST-TP-1**		**UST-TP-2**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00		11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		50		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.00025	U	0.00042	U	0.043	U	0.00031	U	0.00026	U	0.00028	U	0.00031	U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	0.00023	U	0.00038	U	0.030	U	0.00028	U	0.00024	U	0.00026	U	0.00028	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	0.00032	U	0.00054	U	0.052	U	0.00040	U	0.00033	U	0.00037	U	0.00040	U
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	0.00019	U	0.00032	U	0.031	U	0.00024	U	0.00020	U	0.00022	U	0.00024	U
1,1-Dichloroethane	0.27	19	26	240	480	0.00022	U	0.00037	U	0.037	U	0.00027	U	0.00023	U	0.00025	U	0.00027	U
1,1-Dichloroethene	0.33	100	100	500	1000	0.00024	U	0.00040	U	0.041	U	0.00030	U	0.00025	U	0.00027	U	0.00030	U
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	0.00019	U	0.00032	U	0.054	U	0.00024	U	0.00020	U	0.00022	U	0.00024	U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	0.00038	U	0.00064	U	**0.20**		0.00047	U	0.00040	U	0.00044	U	0.00048	U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	0.00049	U	0.00082	U	0.033	U	0.00061	U	0.00051	U	0.00056	U	0.00061	U
1,2-Dichlorobenzene	1.1	100	100	500	1000	0.00038	U	0.00064	U	**3.4**		0.00048	U	**0.0027**		0.00044	U	0.00048	U
1,2-Dichloroethane	NA	2.3	3.1	30	60	0.00032	U	0.00053	U	**0.52**		0.00039	U	0.00033	U	0.00036	U	**0.0089**	
1,2-Dichloropropane	NA	NA	NA	NA	NA	0.00045	U	0.00076	U	0.028	U	0.00056	U	0.00047	U	0.00052	U	0.00056	U
1,3-Dichlorobenzene	2.4	17	49	280	560	0.00039	U	0.00065	U	**0.073**	J	0.00048	U	0.00041	U	0.00044	U	0.00048	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	0.00024	U	0.00040	U	**1.1**		0.00030	U	**0.00071**	J	0.00027	U	0.00030	U
2-Butanone (MEK)	0.12	100	100	500	1000	0.00039	U	0.00066	U	0.34	U	0.00049	U	0.00041	U	**0.023**		**0.016**	
2-Hexanone	NA	NA	NA	NA	NA	0.0018	U	0.0031	U	0.17	U	0.0023	U	0.0019	U	0.0021	U	0.0023	U
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	0.0017	U	0.0028	U	0.20	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U
Acetone	0.05	100	100	500	1000	0.0061	U	0.010	U	0.68	U	0.0076	U	0.0064	U	**0.023**		**0.033**	
Benzene	0.06	2.9	4.8	44	89	0.00027	U	0.00046	U	0.037	J	0.00034	U	0.00029	U	**0.0029**		**0.019**	
Bromoform	NA	NA	NA	NA	NA	0.00045	U *-	0.00076	U *-	0.028	U	0.00056	U *-	0.00047	U *-	0.00052	U	0.00056	U
Bromomethane	NA	NA	NA	NA	NA	0.0011	U	0.0018	U	0.085	U	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Carbon disulfide	NA	NA	NA	NA	NA	0.00028	U	0.00048	U	0.10	U	0.00035	U	0.00030	U	0.00032	U	0.00035	U
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.00041	U	0.00069	U	0.051	U	0.00051	U	0.00043	U	0.00047	U	0.00051	U
Chlorobenzene	1.1	100	100	500	1000	0.00019	U	0.00032	U	0.037	U	0.00023	U	0.00020	U	0.00022	U	0.00024	U
Chlorobromomethane	NA	NA	NA	NA	NA	0.00030	U	0.00050	U	0.046	U	0.00037	U	0.00031	U	0.00034	U	0.00037	U

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-9 (8-9)**		**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**		**SB-10 (10-12)**		**UST-TP-1**		**UST-TP-2**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00		11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		50		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
Chlorodibromomethane	NA	NA	NA	NA	NA	0.00021	U *-	0.00035	U *-	0.034	U	0.00026	U *-	0.00022	U *-	0.00024	U	0.00026	U
Chloroethane	NA	NA	NA	NA	NA	0.00056	U	0.00093	U	0.057	U	0.00069	U	0.00058	U	0.00064	U	0.00069	U
Chloroform	0.37	10	49	350	700	0.0010	U	0.0017	U	0.034	U	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Chloromethane	NA	NA	NA	NA	NA	0.00046	U	0.00078	U	0.062	U	0.00058	U	0.00048	U	0.00053	U	0.00058	U
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.00038	U	0.00064	U	**1.0**		0.00047	U	0.00040	U	0.00044	U	0.00048	U
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00029	U	0.00049	U	0.034	U	0.00036	U	0.00030	U	0.00033	U	0.00036	U
Cyclohexane	NA	NA	NA	NA	NA	0.00024	U	0.00039	U	**0.31**		0.00029	U	**0.0012**		0.00027	U	0.00029	U
Dichlorobromomethane	NA	NA	NA	NA	NA	0.00027	U *-	0.00046	U *-	0.023	U	0.00034	U *-	0.00029	U *-	0.00031	U	0.00034	U
Dichlorodifluoromethane	NA	NA	NA	NA	NA	0.00036	U	0.00060	U	0.048	U	0.00045	U	0.00038	U	0.00041	U	0.00045	U
Ethylbenzene	1	30	41	390	780	0.00021	U	0.00036	U	**1.7**		0.00026	U	**0.0064**		**0.00081**	J	**0.0079**	
Ethylene Dibromide	NA	NA	NA	NA	NA	0.00019	U	0.00032	U	0.029	U	0.00024	U	0.00020	U	0.00022	U	0.00024	U
Isopropylbenzene	NA	NA	NA	NA	NA	0.00030	U	0.00051	U	0.40		0.00038	U	**0.0018**		0.00035	U	**0.00050**	J
Methyl acetate	NA	NA	NA	NA	NA	0.0046	U	0.0077	U	**1.4**	*-	0.0057	U	0.0048	U	0.0052	U	0.0057	U
Methyl tert-butyl ether	0.93	62	100	500	1000	0.00055	U	0.00091	U	0.033	U	0.00068	U	0.00057	U	0.00062	U	0.00068	U
Methylcyclohexane	NA	NA	NA	NA	NA	0.00053	U	0.00089	U	**0.96**		0.00066	U	**0.0025**		0.00061	U	**0.0032**	
Methylene Chloride	0.05	51	100	500	1000	**0.0015**	J	0.0020	U	**0.045**	J	0.0015	U	0.0013	U	0.0014	U	0.0015	U
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	0.00019	U	0.00031	U	**7.2**		0.00023	U	**0.027**		**0.0036**		**0.036**	
o-Xylene	NA	NA	NA	NA	NA	0.00021	U	0.00035	U	**2.8**		0.00026	U	**0.012**		**0.0015**		**0.014**	
Styrene	NA	NA	NA	NA	NA	0.00030	U	0.00050	U	0.026	U	0.00037	U	0.00031	U	0.00034	U	0.00037	U
Tetrachloroethene	1.3	5.5	19	150	300	**0.00064**	J	0.00054	U	**18**		0.00040	U	**0.038**		0.00037	U	0.00040	U
Toluene	0.7	100	100	500	1000	0.00025	U	0.00042	U	**2.7**		0.00031	U	**0.0089**		**0.0095**		**0.067**	
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.00026	U	0.00044	U	0.028	U	0.00033	U	0.00027	U	0.00030	U	0.00033	U
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00028	U *-	0.00048	U *-	0.034	U	0.00035	U *-	0.00030	U *-	0.00032	U	0.00035	U
Trichloroethene	0.47	10	21	200	400	0.00034	U	0.00057	U	**1.1**		0.00042	U	**0.0018**		0.00039	U	0.00043	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	0.00043	U	0.00073	U	0.049	U	0.00054	U	0.00045	U	0.00049	U	0.00054	U
Vinyl chloride	0.02	0.21	0.9	13	27	0.00058	U	0.00098	U	0.031	U	0.00072	U	0.00061	U	0.00067	U	0.00073	U
SOIL BY 8015D																			
GRO	NA	NA	NA	NA	NA	2.4	U	1.0	U	3.1	U	3.0	U	3.1	U	2.9	U	**5.8**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	DUP-01		DUP-02		FB-113022		FB-120122		TB-112822		TB-113022		TB-120122	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00		11/28/2022 00:00:00		11/30/2022 00:00:00		12/01/2022 00:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Water		Water		Water		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		ug/l		ug/l		ug/l		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.00030	U	0.00028	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	0.00028	U	0.00025	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	0.00039	U	0.00036	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	0.00023	U	0.00021	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethane	0.27	19	26	240	480	0.00027	U	0.00024	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	0.33	100	100	500	1000	0.00029	U	0.00027	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	0.00024	U	0.00021	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	0.00047	U	0.00042	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	0.00060	U	0.00054	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
1,2-Dichlorobenzene	1.1	100	100	500	1000	0.00047	U	0.00043	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
1,2-Dichloroethane	NA	2.3	3.1	30	60	0.00039	U	0.00035	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	NA	NA	NA	NA	NA	0.00055	U	0.00050	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
1,3-Dichlorobenzene	2.4	17	49	280	560	0.00048	U	0.00043	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	0.00029	U	0.00027	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
2-Butanone (MEK)	0.12	100	100	500	1000	0.00048	U	0.00044	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	NA	NA	NA	NA	NA	0.0022	U	0.0020	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	0.0020	U	0.0018	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	0.05	100	100	500	1000	0.0075	U	0.0068	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	0.06	2.9	4.8	44	89	0.00034	U	0.00031	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Bromoform	NA	NA	NA	NA	NA	0.00056	U	0.00050	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	NA	NA	NA	NA	NA	0.0013	U	0.0012	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
Carbon disulfide	NA	NA	NA	NA	NA	0.00035	U	0.00031	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.00051	U	0.00046	U	0.21	U *+	0.21	U *+	0.21	U	0.21	U	0.21	U *+
Chlorobenzene	1.1	100	100	500	1000	0.00023	U	0.00021	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	NA	NA	NA	NA	NA	0.00037	U	0.00033	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	DUP-01		DUP-02		FB-113022		FB-120122		TB-112822		TB-113022		TB-120122	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00		11/28/2022 00:00:00		11/30/2022 00:00:00		12/01/2022 00:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Water		Water		Water		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		ug/l		ug/l		ug/l		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
Chlorodibromomethane	NA	NA	NA	NA	NA	0.00025	U	0.00023	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Chloroethane	NA	NA	NA	NA	NA	0.00068	U	0.00062	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	0.37	10	49	350	700	0.0013	U	0.0011	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	NA	NA	NA	NA	NA	0.00057	U	0.00051	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.00047	U	0.00042	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00036	U	0.00032	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Cyclohexane	NA	NA	NA	NA	NA	0.00029	U	0.00026	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Dichlorobromomethane	NA	NA	NA	NA	NA	0.00034	U	0.00030	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Dichlorodifluoromethane	NA	NA	NA	NA	NA	0.00044	U	0.00040	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
Ethylbenzene	1	30	41	390	780	0.00026	U	0.00024	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
Ethylene Dibromide	NA	NA	NA	NA	NA	0.00024	U	0.00021	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	NA	NA	NA	NA	NA	0.00037	U	0.00034	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Methyl acetate	NA	NA	NA	NA	NA	0.0056	U	0.0051	U	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U
Methyl tert-butyl ether	0.93	62	100	500	1000	0.00067	U	0.00061	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Methylcyclohexane	NA	NA	NA	NA	NA	0.00065	U	0.00059	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U
Methylene Chloride	0.05	51	100	500	1000	0.0015	U	0.0014	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	0.00023	U	0.00021	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
o-Xylene	NA	NA	NA	NA	NA	0.00025	U	0.00023	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
Styrene	NA	NA	NA	NA	NA	0.00036	U	0.00033	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	1.3	5.5	19	150	300	0.00040	U	0.00036	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Toluene	0.7	100	100	500	1000	0.00031	U	0.00028	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.00032	U	0.00029	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00035	U	0.00031	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Trichloroethene	0.47	10	21	200	400	0.00042	U	0.00038	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	0.00053	U	0.00048	U	0.32	U	0.32	U	0.32	U	0.32	U *+	0.32	U
Vinyl chloride	0.02	0.21	0.9	13	27	0.00071	U	0.00065	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
SOIL BY 8015D																			
GRO	NA	NA	NA	NA	NA	2.6	U	4.8	U	25	U	25	U						

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**		**SB-3 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.012	U	0.013	U	0.016	U	0.013	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.012	U	0.011	U	0.012	U	0.014	U	0.012	U
1,4-Dioxane	0.1	9.8	13	130	250	0.033	U	0.032	U	0.031	U	0.033	U	0.039	U	0.034	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0069	U *+	0.0067	U *+	0.0065	U *+	0.0068	U F1	0.0081	U	0.0070	U F1
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	0.026	U	0.025	U	0.024	U	0.025	U	0.030	U	0.026	U
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	0.039	U	0.038	U	0.036	U	0.038	U	0.046	U	0.039	U
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	0.049	U	0.048	U	0.046	U	0.048	U	0.058	U	0.050	U
2,4-Dichlorophenol	NA	NA	NA	NA	NA	0.024	U	0.024	U	0.023	U	0.024	U	0.029	U	0.025	U
2,4-Dimethylphenol	NA	NA	NA	NA	NA	0.045	U	0.044	U	0.043	U	0.045	U	0.054	U	0.046	U
2,4-Dinitrophenol	NA	NA	NA	NA	NA	0.19	U	0.18	U	0.18	U	0.18	U	0.22	U	0.19	U F1
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	0.041	U	0.040	U	0.039	U	0.041	U	0.048	U	0.042	U
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	0.027	U	0.027	U	0.026	U	0.027	U	0.033	U	0.028	U
2-Chloronaphthalene	NA	NA	NA	NA	NA	0.018	U	0.017	U	0.017	U	0.017	U	0.021	U	0.018	U
2-Chlorophenol	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.013	U	0.016	U	0.014	U
2-Methylnaphthalene	NA	NA	NA	NA	NA	0.011	U	0.010	U	**0.022**	J	0.011	U	0.013	U	0.015	J
2-Methylphenol	0.33	100	100	500	1,000	0.014	U	0.014	U	0.013	U	0.014	U	0.017	U	0.014	U
2-Nitroaniline	NA	NA	NA	NA	NA	0.029	U *+	0.028	U *+	0.027	U *+	0.029	U F1	0.034	U	0.030	U F1
2-Nitrophenol	NA	NA	NA	NA	NA	0.038	U	0.037	U	0.036	U	0.038	U	0.045	U	0.039	U
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	0.057	U	0.056	U	0.054	U	0.057	U	0.068	U	0.058	U
3-Nitroaniline	NA	NA	NA	NA	NA	0.090	U	0.088	U	0.085	U	0.089	U	0.11	U	0.092	U
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	0.15	U	0.15	U	0.15	U	0.15	U	0.18	U	0.16	U
4-Bromophenyl phenyl ether	NA	NA	NA	NA	NA	0.015	U	0.015	U	0.014	U	0.015	U	0.018	U	0.015	U
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	0.021	U	0.021	U	0.020	U	0.021	U	0.025	U	0.022	U
4-Chloroaniline	NA	NA	NA	NA	NA	0.067	U	0.066	U	0.064	U	0.067	U	0.080	U	0.069	U
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.013	U	0.016	U	0.014	U
4-Methylphenol	0.33	34	100	500	1,000	0.024	U	0.023	U	0.022	U	0.024	U	0.028	U	0.024	U
4-Nitroaniline	NA	NA	NA	NA	NA	0.043	U	0.043	U	0.041	U	0.043	U	0.052	U	0.044	U
4-Nitrophenol	NA	NA	NA	NA	NA	0.062	U	0.061	U	0.058	U	0.061	U	0.073	U	0.063	U
Acenaphthene	20	100	100	500	1,000	0.011	U	0.011	U	0.010	U	0.011	U	0.013	U	0.011	U
Acenaphthylene	100	100	100	500	1,000	0.011	U	0.011	U	0.010	U	0.011	U	0.013	U	0.021	J
Acetophenone	NA	NA	NA	NA	NA	0.019	U	0.018	U	0.018	U	0.018	U	0.022	U	0.019	U
Anthracene	100	100	100	500	1,000	0.012	U	0.011	U	0.011	U	0.011	U	0.014	U	0.021	J
Atrazine	NA	NA	NA	NA	NA	0.022	U	0.022	U	0.021	U	0.022	U	0.026	U	0.023	U
Benzaldehyde	NA	NA	NA	NA	NA	0.063	U	0.061	U	0.059	U	0.062	U	0.074	U	0.064	U F1
Benzo[a]anthracene	1	1	1	5.6	11	0.026	J	0.013	U	0.012	U	0.013	U	0.016	U	0.049	
Benzo[a]pyrene	1	1	1	1	1.1	0.020	J	0.0099	U	0.0095	U	0.010	U	0.012	U	0.041	
Benzo[b]fluoranthene	1	1	1	5.6	11	0.028	J	0.0096	U	**0.010**	J	0.0097	U	0.012	U	0.057	
Benzo[g,h,i]perylene	100	100	100	500	1,000	0.013	J	0.011	U	0.011	U	0.011	U	0.013	U	0.035	J
Benzo[k]fluoranthene	0.8	1	3.9	56	110	0.0074	U	0.0073	U	0.0070	U	0.0074	U	0.0088	U	0.022	J
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA	0.029	U	0.029	U	0.028	U	0.029	U	0.035	U	0.030	U

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**		**SB-3 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.012	U	0.013	U	0.016	U	0.013	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.012	U	0.011	U	0.012	U	0.014	U	0.012	U
1,4-Dioxane	0.1	9.8	13	130	250	0.033	U	0.032	U	0.031	U	0.033	U	0.039	U	0.034	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0069	U *+	0.0067	U *+	0.0065	U *+	0.0068	U F1	0.0081	U	0.0070	U F1
Bis(2-chloroethyl)ether	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.012	U	0.013	U	0.016	U	0.013	U
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	**0.020**	U	**0.026**	J	0.019	U	0.020	U F1	**0.43**	J	**0.032**	J
Butyl benzyl phthalate	NA	NA	NA	NA	NA	0.018	U	0.017	U	0.017	U	0.018	U F1	0.021	U	0.018	U
Caprolactam	NA	NA	NA	NA	NA	0.059	U	0.058	U	0.056	U	0.059	U	0.070	U	0.060	U
Carbazole	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.014	U	0.014	U	0.017	U	0.015	U
Chrysene	1	1	3.9	56	110	0.023	J	0.0063	U	0.0061	U	0.0064	U	0.0076	U	0.053	J
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.016	U	0.016	U	0.016	U	0.016	U	0.019	U	0.017	U
Dibenzofuran	7	14	59	350	1,000	0.013	U	0.012	U	0.012	U	0.013	U	0.015	U	0.013	U
Diethyl phthalate	NA	NA	NA	NA	NA	0.012	U	0.012	U	0.012	U	0.012	U	0.014	U	0.012	U
Dimethyl phthalate	NA	NA	NA	NA	NA	0.086	U	0.085	U	0.081	U	0.086	U	0.10	U	0.088	U
Di-n-butyl phthalate	NA	NA	NA	NA	NA	0.015	J	0.014	U	0.013	U	0.014	U	**0.028**	J	0.015	U
Di-n-octyl phthalate	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U F1	0.024	U	0.021	U
Fluoranthene	100	100	100	500	1,000	0.036	J	0.013	U	**0.020**	J	0.013	U	0.016	U	0.066	J
Fluorene	30	100	100	500	1,000	0.011	U	0.011	U	0.010	U	0.011	U	0.013	U	0.031	J
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.018	U	0.018	U	0.017	U	0.018	U	0.021	U	0.018	U
Hexachlorobutadiene	NA	NA	NA	NA	NA	0.0081	U	0.0079	U	0.0076	U	0.0080	U	0.0096	U	0.0082	U
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	0.033	U	0.033	U	0.031	U	0.033	U	0.039	U	0.034	U
Hexachloroethane	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.012	U	0.013	U	0.015	U	0.013	U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.015	U	0.015	U	0.014	U	0.015	U	0.018	U	0.034	J
Isophorone	NA	NA	NA	NA	NA	0.11	U	0.11	U	0.10	U	0.11	U	0.13	U	0.11	U
Naphthalene	12	100	100	500	1,000	0.0065	U	0.0064	U	0.0062	U	0.0065	U	0.0078	U	0.019	J
Nitrobenzene	NA	NA	NA	NA	NA	0.021	U	0.021	U	0.020	U	0.021	U	0.025	U	0.021	U
N-Nitrosodi-n-propylamine	NA	NA	NA	NA	NA	0.027	U	0.027	U	0.026	U	0.027	U	0.033	U	0.028	U
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	0.031	U	0.031	U	0.029	U	0.031	U	0.037	U	0.032	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.078	U	0.076	U	0.073	U	0.077	U	0.092	U	0.079	U
Phenanthrene	100	100	100	500	1,000	0.021	J	0.0065	U	**0.034**	J	0.0066	U	0.0079	U	0.098	J
Phenol	0.33	100	100	500	1,000	0.014	U *+	0.014	U *+	0.013	U *+	0.014	U	0.017	U	0.014	U
Pyrene	100	100	100	500	1,000	0.041	J	0.0093	U	**0.017**	J	0.0094	U F1	0.011	U	0.10	J
Total Conc	NA	NA	NA	NA	NA	**0.223**		**0.026**		**0.103**				**0.458**		**0.694**	
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	**0.9**		**0.97**		**78.18**		**0.74**		**7.25**		**0.72**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		12/01/2022 11:20:00		12/01/2022 11:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.015	J	0.012	U	0.012	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
1,4-Dioxane	0.1	9.8	13	130	250	0.033	U	0.030	U	0.030	U	0.032	U	0.031	U	0.031	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0068	U	0.0063	U	0.0063	U	0.0066	U	0.0063	U	0.0064	U
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	0.025	U	0.024	U	0.024	U	0.025	U	0.024	U	0.024	U
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	0.038	U	0.035	U	0.035	U	0.037	U	0.036	U	0.036	U
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	0.048	U	0.045	U	0.045	U	0.047	U	0.045	U	0.046	U
2,4-Dichlorophenol	NA	NA	NA	NA	NA	0.024	U	0.022	U	0.022	U	0.023	U	0.022	U	0.023	U
2,4-Dimethylphenol	NA	NA	NA	NA	NA	0.045	U	0.041	U	0.042	U	0.043	U	0.042	U	0.042	U
2,4-Dinitrophenol	NA	NA	NA	NA	NA	0.18	U *+	0.17	U *+	0.17	U *+	0.18	U	0.17	U	0.17	U
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	0.040	U	0.037	U	0.038	U	0.039	U	0.038	U	0.038	U
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	0.027	U	0.025	U	0.025	U	0.026	U	0.025	U	0.026	U
2-Chloronaphthalene	NA	NA	NA	NA	NA	0.017	U	0.016	U	0.016	U	0.017	U	0.016	U	0.016	U
2-Chlorophenol	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.013	U	0.012	U	0.013	U
2-Methylnaphthalene	NA	NA	NA	NA	NA	**0.010**	U	**0.0097**	U	0.0097	U	**0.037**	J	0.0098	U	0.042	J
2-Methylphenol	0.33	100	100	500	1,000	0.014	U	0.013	U	0.013	U	0.014	U	0.013	U	0.013	U
2-Nitroaniline	NA	NA	NA	NA	NA	0.028	U	0.027	U	0.027	U	0.028	U	0.027	U	0.027	U
2-Nitrophenol	NA	NA	NA	NA	NA	0.037	U	0.035	U	0.035	U	0.036	U	0.035	U	0.036	U
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	0.056	U	0.053	U	0.053	U	0.055	U	0.053	U	0.054	U
3-Nitroaniline	NA	NA	NA	NA	NA	0.089	U	0.083	U	0.083	U	0.086	U	0.083	U	0.084	U
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	0.15	U	0.14	U	0.14	U	0.15	U	0.14	U	0.15	U
4-Bromophenyl phenyl ether	NA	NA	NA	NA	NA	0.015	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
4-Chloroaniline	NA	NA	NA	NA	NA	0.066	U	0.062	U	0.062	U	0.065	U	0.062	U	0.063	U
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.013	U	0.012	U	0.013	U
4-Methylphenol	0.33	34	100	500	1,000	0.023	U	0.022	U	0.022	U	0.023	U	0.022	U	0.022	U
4-Nitroaniline	NA	NA	NA	NA	NA	0.043	U	0.040	U	0.040	U	0.042	U	0.040	U	0.041	U
4-Nitrophenol	NA	NA	NA	NA	NA	0.061	U	0.057	U	0.057	U	0.059	U	0.057	U	0.058	U
Acenaphthene	20	100	100	500	1,000	0.011	U	0.0099	U	0.0099	U	0.099	J	0.010	U	0.010	U
Acenaphthylene	100	100	100	500	1,000	**0.011**	U	**0.0099**	U	0.010	U	**0.021**	J	0.010	U	0.010	U
Acetophenone	NA	NA	NA	NA	NA	0.018	U	0.017	U	0.017	U	0.018	U	0.017	U	0.020	J
Anthracene	100	100	100	500	1,000	**0.011**	U	**0.011**	U	0.011	U	**0.23**	J	0.011	J	0.014	J
Atrazine	NA	NA	NA	NA	NA	0.022	U	0.020	U	0.021	U	0.021	U	0.021	U	0.021	U
Benzaldehyde	NA	NA	NA	NA	NA	0.062	U	0.057	U	0.058	U	0.060	U	0.058	U	0.059	U
Benzo[a]anthracene	1	1	1	5.6	11	**0.036**	J	**0.012**	U	0.012	U	**0.73**		0.032	J	0.044	
Benzo[a]pyrene	1	1	1	1	1.1	**0.034**	J	**0.0093**	U	0.0093	U	**0.63**		0.027	J	0.028	J
Benzo[b]fluoranthene	1	1	1	5.6	11	**0.039**		**0.0090**	U	0.0090	U	**0.77**		0.033	J	0.048	
Benzo[g,h,i]perylene	100	100	100	500	1,000	**0.027**	J	**0.010**	U	0.010	U	**0.44**		0.025	J	0.036	J
Benzo[k]fluoranthene	0.8	1	3.9	56	110	**0.019**	J	**0.0068**	U	0.0068	U	**0.32**		0.016	J	0.021	J
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA	0.029	U	0.027	U	0.027	U	0.028	U	0.027	U	0.028	U

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		12/01/2022 11:20:00		12/01/2022 11:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.015	J	0.012	U	0.012	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
1,4-Dioxane	0.1	9.8	13	130	250	0.033	U	0.030	U	0.030	U	0.032	U	0.031	U	0.031	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0068	U	0.0063	U	0.0063	U	0.0066	U	0.0063	U	0.0064	U
Bis(2-chloroethyl)ether	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.013	U	0.012	U	0.012	U
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	**0.020**	U	**0.018**	U	**0.018**	U	**0.25**	J	**0.12**	J	**0.72**	
Butyl benzyl phthalate	NA	NA	NA	NA	NA	0.018	U	0.016	U	0.016	U	0.017	U	0.024	J	0.14	J
Caprolactam	NA	NA	NA	NA	NA	0.058	U	0.054	U	0.054	U	0.057	U	0.054	U	0.055	U
Carbazole	NA	NA	NA	NA	NA	0.014	U	0.013	U	0.013	U	0.096	J	0.013	U	0.014	J
Chrysene	1	1	3.9	56	110	**0.038**	J	**0.0059**	U	0.0059	U	**0.82**		0.031	J	0.055	J
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.016	U	0.015	U	0.015	U	0.11		0.015	U	0.015	U
Dibenzofuran	7	14	59	350	1,000	0.012	U	0.012	U	0.012	U	0.059	J	0.012	U	0.012	U
Diethyl phthalate	NA	NA	NA	NA	NA	0.012	U	0.011	U	0.011	U	0.012	U	0.011	U	0.011	U
Dimethyl phthalate	NA	NA	NA	NA	NA	0.085	U	0.079	U	0.079	U	0.083	U	0.079	U	0.081	U
Di-n-butyl phthalate	NA	NA	NA	NA	NA	0.014	U	0.013	U	0.013	U	0.014	U	0.013	U	0.030	J
Di-n-octyl phthalate	NA	NA	NA	NA	NA	0.020	U	0.018	U	0.018	U	0.019	U	0.019	U	0.019	U
Fluoranthene	100	100	100	500	1,000	**0.051**	J	**0.012**	U	0.012	U	**1.5**		0.059	J	0.10	J
Fluorene	30	100	100	500	1,000	**0.011**	U	**0.010**	U	0.010	U	**0.078**	J	0.010	U	0.010	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.018	U	0.017	U	0.017	U	0.017	U	0.017	U	0.017	U
Hexachlorobutadiene	NA	NA	NA	NA	NA	0.0079	U	0.0074	U	0.0074	U	0.0077	U	0.0074	U	0.0076	U
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	0.033	U	0.031	U	0.031	U	0.032	U	0.031	U	0.031	U
Hexachloroethane	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.032	J	0.014	U	0.014	U	0.46		0.024	J	0.030	J
Isophorone	NA	NA	NA	NA	NA	0.11	U	0.10	U	0.10	U	0.11	U	0.10	U	0.10	U
Naphthalene	12	100	100	500	1,000	**0.0065**	U	**0.0060**	U	0.0060	U	**0.048**	J	0.0071	J	0.078	J
Nitrobenzene	NA	NA	NA	NA	NA	0.021	U	0.019	U	0.019	U	0.020	U	0.019	U	0.020	U
N-Nitrosodi-n-propylamine	NA	NA	NA	NA	NA	0.027	U	0.025	U	0.025	U	0.026	U	0.025	U	0.026	U
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	0.031	U	0.029	U	0.029	U	0.030	U	0.029	U	0.029	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.077	U	0.071	U	0.071	U	0.075	U	0.072	U	0.073	U
Phenanthrene	100	100	100	500	1,000	**0.026**	J	**0.0061**	U	0.0061	U	**1.5**		0.067	J	0.11	J
Phenol	0.33	100	100	500	1,000	0.014	U	0.013	U	0.013	U	0.013	U	0.013	U	0.035	J
Pyrene	100	100	100	500	1,000	**0.050**	J	**0.0086**	U	0.0087	U	**1.8**		0.055	J	0.11	J
Total Conc	NA	NA	NA	NA	NA	**0.352**						**10.013**		**0.5311**		**1.675**	
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	**0.6**		**0.77**		**0.9**		**21.69**		**0.81**		**14.53**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-7 (0-2)		SB-8 (8-9)		SB-9 (8-9)		SB-9 (9-10)		SB-10 (0-2)		SB-10 (6-8)	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.014	U	0.013	U	0.014	U	0.016	J	0.013	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.013	U	0.011	U	0.012	U	0.014	U	0.012	U
1,4-Dioxane	0.1	9.8	13	130	250	0.034	U	0.036	U	0.032	U	0.034	U	0.038	U	0.033	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0070	U *+	0.0074	U	0.0066	U	0.0071	U	0.0080	U	0.0069	U
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	0.026	U	0.028	U	0.025	U	0.027	U	0.030	U	0.026	U
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	0.039	U	0.041	U	0.037	U	0.040	U	0.045	U	0.039	U
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	0.049	U	0.052	U	0.047	U	0.050	U	0.056	U	0.049	U
2,4-Dichlorophenol	NA	NA	NA	NA	NA	0.025	U	0.026	U	0.023	U	0.025	U	0.028	U	0.025	U
2,4-Dimethylphenol	NA	NA	NA	NA	NA	0.046	U	0.049	U	0.044	U	0.047	U	0.052	U	0.046	U
2,4-Dinitrophenol	NA	NA	NA	NA	NA	0.19	U	0.20	U	0.18	U *+	0.19	U *+	0.22	U *+	0.19	U *+
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	0.041	U	0.044	U	0.039	U	0.042	U	0.047	U	0.041	U
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	0.028	U	0.029	U	0.026	U	0.028	U	0.032	U	0.028	U
2-Chloronaphthalene	NA	NA	NA	NA	NA	0.018	U	0.019	U	0.017	U	0.018	U	0.020	U	0.018	U
2-Chlorophenol	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.013	U	0.014	U	0.016	U	0.014	U
2-Methylnaphthalene	NA	NA	NA	NA	NA	0.011	U	0.011	U	0.010	U	0.015	J	0.21	J	0.076	J
2-Methylphenol	0.33	100	100	500	1,000	0.014	U	0.015	U	0.014	U	0.015	U	0.016	U	0.014	U
2-Nitroaniline	NA	NA	NA	NA	NA	0.029	U *+	0.031	U	0.028	U	0.030	U	0.033	U	0.029	U
2-Nitrophenol	NA	NA	NA	NA	NA	0.039	U	0.041	U	0.037	U	0.039	U	0.044	U	0.038	U
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	0.058	U	0.061	U	0.055	U	0.059	U	0.066	U	0.058	U
3-Nitroaniline	NA	NA	NA	NA	NA	0.091	U	0.097	U	0.087	U	0.093	U	0.10	U	0.091	U
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	0.16	U	0.17	U	0.15	U	0.16	U	0.18	U	0.16	U
4-Bromophenyl phenyl ether	NA	NA	NA	NA	NA	0.015	U	0.016	U	0.014	U	0.016	U	0.017	U	0.015	U
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	0.022	U	0.023	U	0.020	U	0.022	U	0.025	U	0.021	U
4-Chloroaniline	NA	NA	NA	NA	NA	0.068	U	0.072	U	0.065	U	0.070	U	0.078	U	0.068	U
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.013	U	0.014	U	0.016	U	0.013	U
4-Methylphenol	0.33	34	100	500	1,000	0.024	U	0.025	U	0.023	U	0.025	U	0.027	U	0.024	U
4-Nitroaniline	NA	NA	NA	NA	NA	0.044	U	0.047	U	0.042	U	0.045	U	0.050	U	0.044	U
4-Nitrophenol	NA	NA	NA	NA	NA	0.063	U	0.066	U	0.060	U	0.064	U	0.072	U	0.062	U
Acenaphthene	20	100	100	500	1,000	0.011	U	0.012	U	0.010	U	0.011	U	0.017	J	0.011	U
Acenaphthylene	100	100	100	500	1,000	0.13	J	0.012	U	0.40		0.086	J	0.029	J	0.011	U
Acetophenone	NA	NA	NA	NA	NA	0.019	U	0.020	U	0.018	U	0.019	U	0.022	U	0.019	U
Anthracene	100	100	100	500	1,000	0.035	J	0.012	U	0.21	J	0.053	J	0.025	J	0.012	U
Atrazine	NA	NA	NA	NA	NA	0.023	U	0.024	U	0.021	U	0.023	U	0.026	U	0.023	U
Benzaldehyde	NA	NA	NA	NA	NA	0.064	U	0.067	U	0.060	U	0.065	U	0.073	U	0.063	U
Benzo[a]anthracene	1	1	1	5.6	11	0.80		0.022	J	2.6		0.36		0.031	J	0.019	J
Benzo[a]pyrene	1	1	1	1	1.1	0.82		0.011	U	2.3		0.32		0.015	J	0.010	U
Benzo[b]fluoranthene	1	1	1	5.6	11	1.1		0.011	U	3.0		0.39		0.026	J	0.012	J
Benzo[g,h,i]perylene	100	100	100	500	1,000	0.45		0.012	U	1.2		0.16	J	0.018	J	0.011	U
Benzo[k]fluoranthene	0.8	1	3.9	56	110	0.46		0.0080	U	1.2		0.20		0.0086	U	0.0075	U
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA	0.030	U	0.032	U	0.028	U	0.031	U	0.034	U	0.030	U

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-7 (0-2)**		**SB-8 (8-9)**		**SB-9 (8-9)**		**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.014	U	0.013	U	0.014	U	0.016	J	0.013	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.013	U	0.011	U	0.012	U	0.014	U	0.012	U
1,4-Dioxane	0.1	9.8	13	130	250	0.034	U	0.036	U	0.032	U	0.034	U	0.038	U	0.033	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0070	U *+	0.0074	U	0.0066	U	0.0071	U	0.0080	U	0.0069	U
Bis(2-chloroethyl)ether	NA	NA	NA	NA	NA	0.013	U	0.014	U	0.013	U	0.014	U	0.015	U	0.013	U
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	**0.048**	J	**0.13**	J	**0.068**	J	**0.023**	J	**0.46**		**0.15**	J
Butyl benzyl phthalate	NA	NA	NA	NA	NA	0.018	U	0.019	U	0.017	U	0.018	U	0.036	J	0.030	J
Caprolactam	NA	NA	NA	NA	NA	0.060	U	0.063	U	0.057	U	0.061	U	0.068	U	0.060	U
Carbazole	NA	NA	NA	NA	NA	0.015	U	0.015	U	0.027	J	0.015	U	0.017	U	0.015	U
Chrysene	1	1	3.9	56	110	0.59		0.014	J	2.1		0.31	J	0.019	J	0.0091	J
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.15		0.018	U	0.43		0.046		0.019	U	0.017	U
Dibenzofuran	7	14	59	350	1,000	0.013	U	0.014	U	0.012	U	0.013	U	0.021	J	0.013	U
Diethyl phthalate	NA	NA	NA	NA	NA	0.012	U	0.013	U	0.012	U	0.013	U	0.014	U	0.012	U
Dimethyl phthalate	NA	NA	NA	NA	NA	0.088	U	0.092	U	0.083	U	0.089	U	0.10	U	0.087	U
Di-n-butyl phthalate	NA	NA	NA	NA	NA	0.015	U	0.015	U	0.014	U	0.015	U	0.024	J	0.014	U
Di-n-octyl phthalate	NA	NA	NA	NA	NA	0.020	U	0.022	U	0.019	U	0.021	U	0.023	U	0.020	U
Fluoranthene	100	100	100	500	1,000	0.74		0.020	J	4.2		0.65		0.033	J	0.018	J
Fluorene	30	100	100	500	1,000	0.011	U	0.019	J	0.011	U	0.011	U	0.013	U	0.011	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.018	U	0.019	U	0.017	U	0.019	U	0.021	U	0.018	U
Hexachlorobutadiene	NA	NA	NA	NA	NA	0.0082	U	0.0087	U	0.0078	U	0.0084	U	0.0094	U	0.0081	U
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	0.034	U	0.036	U	0.032	U	0.034	U	0.039	U	0.034	U
Hexachloroethane	NA	NA	NA	NA	NA	0.013	U	0.014	U	0.013	U	0.013	U	0.015	U	0.013	U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.57		0.016	U	1.6		0.22		0.017	U	0.015	U
Isophorone	NA	NA	NA	NA	NA	0.11	U	0.12	U	0.11	U	0.11	U	0.13	U	0.11	U
Naphthalene	12	100	100	500	1,000	0.026	J	0.0070	U	0.032	J	0.0086	J	0.13	J	0.044	J
Nitrobenzene	NA	NA	NA	NA	NA	0.021	U	0.023	U	0.020	U	0.022	U	0.024	U	0.021	U
N-Nitrosodi-n-propylamine	NA	NA	NA	NA	NA	0.028	U	0.030	U	0.027	U	0.028	U	0.032	U	0.028	U
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	0.032	U	0.033	U	0.030	U	0.032	U	0.036	U	0.031	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.079	U	0.083	U	0.075	U	0.080	U	0.090	U	0.078	U
Phenanthrene	100	100	100	500	1,000	0.039	J	0.013	J	0.14	J	0.027	J	0.029	J	0.017	J
Phenol	0.33	100	100	500	1,000	0.014	U *+	0.015	U	0.013	U	0.014	U	0.016	U	0.014	U
Pyrene	100	100	100	500	1,000	0.98		0.030	J	4.2		0.63		0.042	J	0.020	J
Total Conc	NA	NA	NA	NA	NA	**6.938**		**0.248**		**23.707**		**3.4986**		**1.181**		**0.3951**	
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	**7.06**		**1.45**		**9.46**		**0.96**		**50.8**		**32.96**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
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Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-10 (10-12)		UST-TP-1		UST-TP-2		DUP-01		DUP-02		FB-113022		FB-120122	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																			
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.014	U	1.2	U	1.2	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.011	U	0.011	U	0.011	U	0.011	U	0.013	U	1.2	U	1.2	U
1,4-Dioxane	0.1	9.8	13	130	250	0.032	U	0.032	U	0.032	U	0.031	U	0.036	U	1.6	U	1.6	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0067	U	0.0066	U *+	0.0066	U *+	0.0063	U *+	0.0074	U	0.63	U	0.63	U
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	0.025	U	0.025	U	0.025	U	0.024	U	0.028	U	0.75	U	0.75	U
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	0.038	U	0.037	U	0.037	U	0.036	U	0.042	U	0.88	U	0.88	U
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	0.047	U	0.047	U	0.047	U	0.045	U	0.053	U	0.86	U	0.86	U
2,4-Dichlorophenol	NA	NA	NA	NA	NA	0.024	U	0.023	U	0.024	U	0.022	U	0.026	U	1.1	U	1.1	U
2,4-Dimethylphenol	NA	NA	NA	NA	NA	0.044	U	0.044	U	0.044	U	0.042	U	0.049	U	0.62	U	0.62	U
2,4-Dinitrophenol	NA	NA	NA	NA	NA	0.18	U *+	0.18	U F1 F2	0.18	U	0.17	U	0.20	U	2.6	U	2.6	U
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	0.040	U	0.039	U	0.039	U	0.038	U	0.044	U	1.0	U	1.0	U
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	0.027	U	0.026	U	0.026	U	0.025	U	0.030	U	0.83	U	0.83	U
2-Chloronaphthalene	NA	NA	NA	NA	NA	0.017	U	0.017	U	0.017	U	0.016	U	0.019	U	1.2	U	1.2	U
2-Chlorophenol	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.015	U	0.38	U	0.38	U
2-Methylnaphthalene	NA	NA	NA	NA	NA	0.010	U	0.010	U	0.017	J	0.0098	U	0.011	U	0.53	U	0.53	U
2-Methylphenol	0.33	100	100	500	1,000	0.014	U	0.014	U	0.034	J	0.013	U	0.015	U	0.67	U	0.67	U
2-Nitroaniline	NA	NA	NA	NA	NA	0.028	U	0.028	U F1 *+	0.028	U *+	0.027	U *+	0.031	U	0.47	U	0.47	U
2-Nitrophenol	NA	NA	NA	NA	NA	0.037	U	0.037	U	0.037	U	0.035	U	0.041	U	0.75	U	0.75	U
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	0.056	U	0.055	U	0.055	U	0.053	U	0.062	U	1.4	U	1.4	U
3-Nitroaniline	NA	NA	NA	NA	NA	0.088	U	0.087	U	0.087	U	0.083	U	0.098	U	1.9	U	1.9	U
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	0.15	U	0.15	U F1	0.15	U	0.14	U	0.17	U	3.0	U	3.0	U
4-Bromophenyl phenyl ether	NA	NA	NA	NA	NA	0.015	U	0.015	U	0.015	U	0.014	U	0.016	U	0.75	U	0.75	U
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	0.021	U	0.021	U	0.021	U	0.020	U	0.023	U	0.58	U	0.58	U
4-Chloroaniline	NA	NA	NA	NA	NA	0.065	U	0.065	U	0.065	U	0.062	U	0.073	U	1.9	U	1.9	U
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.015	U	1.3	U	1.3	U
4-Methylphenol	0.33	34	100	500	1,000	0.023	U	0.023	U	0.023	U	0.022	U	0.026	U	0.65	U	0.65	U
4-Nitroaniline	NA	NA	NA	NA	NA	0.042	U	0.042	U	0.042	U	0.040	U	0.047	U	1.2	U	1.2	U
4-Nitrophenol	NA	NA	NA	NA	NA	0.060	U	0.060	U	0.060	U	0.057	U	0.067	U	4.0	U	4.0	U
Acenaphthene	20	100	100	500	1,000	0.011	U	0.010	U	0.010	U	0.010	U	0.012	U	1.1	U	1.1	U
Acenaphthylene	100	100	100	500	1,000	0.011	U	0.010	U	0.010	U	0.010	U	0.012	U	0.82	U	0.82	U
Acetophenone	NA	NA	NA	NA	NA	0.018	U	0.018	U	0.018	U	0.017	U	0.020	U	2.3	U	2.3	U
Anthracene	100	100	100	500	1,000	0.011	U	0.014	J	0.021	J	0.011	U	0.013	U	1.3	U	1.3	U
Atrazine	NA	NA	NA	NA	NA	0.022	U	0.022	U	0.022	U	0.021	U	0.024	U	1.3	U	1.3	U
Benzaldehyde	NA	NA	NA	NA	NA	0.061	U	0.060	U	0.061	U	0.058	U	0.068	U	2.1	U	2.1	U
Benzo[a]anthracene	1	1	1	5.6	11	0.013	U	0.17	F1 F2	0.11		0.012	U	0.014	U	0.59	U	0.59	U
Benzo[a]pyrene	1	1	1	1	1.1	0.0098	U	0.16	F2	0.094		0.0093	U	0.011	U	0.41	U	0.41	U
Benzo[b]fluoranthene	1	1	1	5.6	11	0.0095	U	0.21	F1 F2	0.11		0.0091	U	0.011	U	0.68	U	0.68	U
Benzo[g,h,i]perylene	100	100	100	500	1,000	0.011	U	0.10	J F1	0.067	J	0.010	U	0.012	U	0.70	U	0.70	U
Benzo[k]fluoranthene	0.8	1	3.9	56	110	0.0072	U	0.084	F2	0.051		0.0069	U	0.0081	U	0.67	U	0.67	U
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA	0.029	U	0.028	U	0.029	U	0.027	U	0.032	U	0.59	U	0.59	U

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-10 (10-12)**		**UST-TP-1**		**UST-TP-2**		**DUP-01**		**DUP-02**		**FB-113022**		**FB-120122**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																			
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.014	U	1.2	U	1.2	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.011	U	0.011	U	0.011	U	0.011	U	0.013	U	1.2	U	1.2	U
1,4-Dioxane	0.1	9.8	13	130	250	0.032	U	0.032	U	0.032	U	0.031	U	0.036	U	1.6	U	1.6	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0067	U	0.0066	U *+	0.0066	U *+	0.0063	U *+	0.0074	U	0.63	U	0.63	U
Bis(2-chloroethyl)ether	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.014	U	0.63	U	0.63	U
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	**0.020**	U	**0.019**	U	**0.019**	U	**0.019**	U	**0.022**	U	**0.80**	U	**0.80**	U
Butyl benzyl phthalate	NA	NA	NA	NA	NA	0.017	U	0.017	U	0.017	U	0.016	U	0.019	U	0.85	U	0.85	U
Caprolactam	NA	NA	NA	NA	NA	0.057	U	0.057	U	0.057	U	0.054	U	0.064	U	2.2	U	2.2	U
Carbazole	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.014	U	0.013	U	0.016	U	0.68	U	0.68	U
Chrysene	1	1	3.9	56	110	0.0062	U	0.20	J F1 F2	0.11	J	0.0059	U	0.0069	U	0.91	U	0.91	U
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.016	U	0.031	J	0.020	J	0.015	U	0.018	U	0.72	U	0.72	U
Dibenzofuran	7	14	59	350	1,000	0.012	U	0.012	U	0.012	U	0.012	U	0.014	U	1.1	U	1.1	U
Diethyl phthalate	NA	NA	NA	NA	NA	0.012	U	0.012	U	0.012	U	0.011	U	0.013	U	0.98	U	0.98	U
Dimethyl phthalate	NA	NA	NA	NA	NA	0.084	U	0.083	U	0.083	U	0.080	U	0.093	U	0.77	U	0.77	U
Di-n-butyl phthalate	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.014	J	0.013	U	0.015	U	0.84	U	0.84	U
Di-n-octyl phthalate	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.019	U	0.019	U	0.022	U	0.75	U	0.75	U
Fluoranthene	100	100	100	500	1,000	0.013	U	0.23	J F1 F2	0.15	J	0.012	U	0.014	U	0.84	U	0.84	U
Fluorene	30	100	100	500	1,000	0.011	U	0.011	U	0.011	U	0.010	U	0.012	U	0.91	U	0.91	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.018	U	0.017	U	0.017	U	0.017	U	0.020	U	0.40	U	0.40	U
Hexachlorobutadiene	NA	NA	NA	NA	NA	0.0078	U	0.0078	U	0.0078	U	0.0074	U	0.0087	U	0.78	U	0.78	U
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	0.032	U	0.032	U	0.032	U	0.031	U	0.036	U	3.6	U	3.6	U
Hexachloroethane	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.014	U	0.80	U	0.80	U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.014	U	0.12		0.071		0.014	U	0.016	U	0.94	U	0.94	U
Isophorone	NA	NA	NA	NA	NA	0.11	U	0.11	U	0.11	U	0.10	U	0.12	U	0.80	U	0.80	U
Naphthalene	12	100	100	500	1,000	0.0075	J	0.016	J	0.021	J	0.0060	U	0.0071	U	0.54	U	0.54	U
Nitrobenzene	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.020	U	0.019	U	0.023	U	0.57	U	0.57	U
N-Nitrosodi-n-propylamine	NA	NA	NA	NA	NA	0.027	U	0.027	U	0.027	U	0.025	U	0.030	U	0.43	U	0.43	U
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	0.030	U	0.030	U	0.030	U	0.029	U	0.034	U	0.89	U	0.89	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.076	U	0.075	U	0.075	U	0.072	U	0.084	U	1.4	U	1.4	U
Phenanthrene	100	100	100	500	1,000	0.0065	U	0.090	J F1 F2	0.086	J	0.0061	U	0.0072	U	1.3	U	1.3	U
Phenol	0.33	100	100	500	1,000	0.014	U	0.013	U *+	0.013	U *+	0.013	U *+	0.015	U	0.29	U	0.29	U
Pyrene	100	100	100	500	1,000	0.0092	U	0.32	J F1 F2	0.20	J	0.0087	U	0.010	U	1.6	U	1.6	U
Total Conc	NA	NA	NA	NA	NA	**0.0075**		**1.745**		**1.176**									
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	**2.05**		**1.76**		**2.3**		**1.1**		**0.78**		**0.0*T**		**0.0*T**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0015	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00090	U	0.00089	U	0.00085	U	0.00090	U	0.0011	U
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0014	U	0.0014	U	0.0013	U	0.0014	U	0.0017	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0014	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00078	U	0.00076	U	0.00073	U	0.00077	U	0.00092	U
beta-BHC	0.036	0.072	0.36	3	14	0.00086	U	0.00084	U	0.00081	U	0.00085	U	0.0010	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.019	U	0.018	U	0.017	U	0.018	U	0.022	U
delta-BHC	0.04	100	100	500	1000	0.00047	U	0.00046	U	0.00044	U	0.00046	U	0.00056	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.0010	U	0.00097	U	0.00094	U	0.00099	U	0.0012	U
Endosulfan I	2.4	4.8	24	200	920	0.0012	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U
Endosulfan II	2.4	4.8	24	200	920	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0023	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00096	U	0.00094	U	0.00090	U	0.00095	U	0.0011	U
Endrin	0.014	2.2	11	89	410	0.0011	U	0.0011	U	0.0010	U	0.0011	U	0.0013	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0021	U
Endrin ketone	NA	NA	NA	NA	NA	0.0015	U	0.0015	U	0.0014	U	0.0015	U	0.0018	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00071	U	0.00069	U	0.00067	U	0.00070	U	0.00084	U
Heptachlor	0.042	0.42	2.1	15	29	0.00090	U	0.00089	U	0.00085	U	0.00090	U	0.0011	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0014	U
Methoxychlor	NA	NA	NA	NA	NA	0.0018	U	0.0017	U	0.0016	U	0.0017	U	0.0021	U
Toxaphene	NA	NA	NA	NA	NA	0.028	U	0.027	U	0.026	U	0.027	U	0.033	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-3 (0-2)**		**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	12/01/2022 10:30:00		11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0013	U	0.0013	U	0.0012	U	0.0012	U	0.0013	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00093	U	0.00089	U	0.00083	U	0.00083	U	0.0037	J
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0014	U	0.0014	U	0.0013	U	0.0013	U	0.0014	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00080	U	0.00077	U	0.00071	U	0.00072	U	0.00075	U
beta-BHC	0.036	0.072	0.36	3	14	0.00088	U	0.00084	U	0.00079	U	0.00079	U	0.00083	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.019	U	0.018	U	0.017	U	0.017	U	0.018	U
delta-BHC	0.04	100	100	500	1000	0.00048	U	0.00046	U	0.00043	U	0.00043	U	0.00045	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.0010	U	0.00098	U	0.00091	U	0.00092	U	0.00096	U
Endosulfan I	2.4	4.8	24	200	920	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Endosulfan II	2.4	4.8	24	200	920	0.0020	U	0.0019	U	0.0018	U	0.0018	U	0.0019	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00098	U	0.00095	U	0.00088	U	0.00088	U	0.00092	U
Endrin	0.014	2.2	11	89	410	0.0011	U	0.0011	U	0.0010	U	0.0010	U	0.0011	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0019	U	0.0018	U	0.0017	U	0.0017	U	0.0017	U
Endrin ketone	NA	NA	NA	NA	NA	0.0015	U	0.0015	U	0.0014	U	0.0014	U	0.0014	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00073	U	0.00070	U	0.00065	U	0.00065	U	0.00068	U
Heptachlor	0.042	0.42	2.1	15	29	0.00093	U	0.00089	U	0.00083	U	0.00083	U	0.00087	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0012	U	0.0011	U	0.0010	U	0.0011	U	0.0011	U
Methoxychlor	NA	NA	NA	NA	NA	0.0018	U	0.0017	U	0.0016	U	0.0016	U	0.0017	U
Toxaphene	NA	NA	NA	NA	NA	0.028	U	0.027	U	0.025	U	0.025	U	0.027	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-6 (0-2)**		**SB-6 (10-12)**		**SB-7 (0-2)**		**SB-8 (8-9)**		**SB-9 (8-9)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	12/01/2022 11:20:00		12/01/2022 11:30:00		11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0012	U	0.0012	U	0.0013	U	0.0014	U	0.0013	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00083	U	0.00085	U	0.00092	U	0.00097	U	0.00087	U
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0013	U	0.0013	U	0.0014	U	0.0015	U	0.0014	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00072	U	0.00073	U	0.00079	U	0.00084	U	0.00075	U
beta-BHC	0.036	0.072	0.36	3	14	0.00079	U	0.00081	U	0.00087	U	0.00092	U	0.00083	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.017	U	0.017	U	0.019	U	0.020	U	0.018	U
delta-BHC	0.04	100	100	500	1000	0.00043	U	0.00044	U	0.00048	U	0.00050	U	0.00045	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.00092	U	0.00094	U	0.0010	U	0.0011	U	0.00096	U
Endosulfan I	2.4	4.8	24	200	920	0.0011	U	0.0011	U	0.0012	U	0.0013	U	0.0011	U
Endosulfan II	2.4	4.8	24	200	920	0.0018	U	0.0019	U	0.0020	U	0.0021	U	0.0019	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00089	U	0.00090	U	0.00098	U	0.0010	U	0.00092	U
Endrin	0.014	2.2	11	89	410	0.0010	U	0.0010	U	0.0011	U	0.0012	U	0.0011	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0017	U	0.0017	U	0.0018	U	0.0019	U	0.0017	U
Endrin ketone	NA	NA	NA	NA	NA	0.0014	U	0.0014	U	0.0015	U	0.0016	U	0.0014	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00065	U	0.00067	U	0.00072	U	0.00076	U	0.00068	U
Heptachlor	0.042	0.42	2.1	15	29	0.00083	U	0.00085	U	0.00092	U	0.00097	U	0.00087	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
Methoxychlor	NA	NA	NA	NA	NA	0.0016	U	0.0016	U	0.0018	U	0.0019	U	0.0017	U
Toxaphene	NA	NA	NA	NA	NA	0.026	U	0.026	U	0.028	U	0.030	U	0.027	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**		**SB-10 (10-12)**		**UST-TP-1**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00		11/28/2022 08:27:00		11/30/2022 12:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0013	U	0.0015	U	0.0013	U	0.0013	U	0.0013	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00093	U	0.0010	U	0.00091	U	0.00088	U	0.00087	U
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0015	U	0.0016	U	0.0014	U	0.0014	U	0.0014	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0012	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00080	U	0.00090	U	0.00079	U	0.00076	U	0.00075	U
beta-BHC	0.036	0.072	0.36	3	14	0.00088	U	0.00099	U	0.00087	U	0.00084	U	0.00083	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.019	U	0.021	U	0.019	U	0.018	U	0.018	U
delta-BHC	0.04	100	100	500	1000	0.00048	U	0.00054	U	0.00047	U	0.00046	U	0.00045	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.0010	U	0.0012	U	0.0010	U	0.00097	U	0.00096	U
Endosulfan I	2.4	4.8	24	200	920	0.0012	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U
Endosulfan II	2.4	4.8	24	200	920	0.0020	U	0.0023	U	0.0020	U	0.0019	U	0.0019	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00099	U	0.0011	U	0.00097	U	0.00094	U	0.00093	U
Endrin	0.014	2.2	11	89	410	0.0011	U	0.0013	U	0.0011	U	0.0011	U	0.0011	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0019	U	0.0021	U	0.0018	U	0.0018	U	0.0017	U
Endrin ketone	NA	NA	NA	NA	NA	0.0015	U	0.0017	U	0.0015	U	0.0015	U	0.0014	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00073	U	0.00082	U	0.00072	U	0.00069	U	0.00068	U
Heptachlor	0.042	0.42	2.1	15	29	0.00093	U	0.0010	U	0.00091	U	0.00088	U	0.00087	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0012	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U
Methoxychlor	NA	NA	NA	NA	NA	0.0018	U	0.0020	U	0.0018	U	0.0017	U	0.0017	U
Toxaphene	NA	NA	NA	NA	NA	0.029	U	0.032	U	0.028	U	0.027	U	0.027	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**UST-TP-2**		**DUP-01**		**DUP-02**		**FB-113022**		**FB-120122**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0013	U	0.0012	U	0.0014	U	0.0060	U	0.0060	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00087	U	0.00084	U	0.00098	U	0.0020	U	0.0020	U
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0014	U	0.0013	U	0.0015	U	0.0040	U	0.0040	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0011	U	0.0011	U	0.0013	U	0.0030	U	0.0030	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00075	U	0.00072	U	0.00084	U	0.0070	U	0.0070	U
beta-BHC	0.036	0.072	0.36	3	14	0.00083	U	0.00079	U	0.00093	U	0.015	U	0.015	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.018	U	0.017	U	0.020	U	0.055	U	0.055	U
delta-BHC	0.04	100	100	500	1000	0.00045	U	0.00043	U	0.00051	U	0.0050	U	0.0050	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.00096	U	0.00092	U	0.0011	U	0.0030	U	0.0030	U
Endosulfan I	2.4	4.8	24	200	920	0.0011	U	0.0011	U	0.0013	U	0.0020	U	0.0020	U
Endosulfan II	2.4	4.8	24	200	920	0.0019	U	0.0018	U	0.0021	U	0.0040	U	0.0040	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00093	U	0.00089	U	0.0010	U	0.0060	U	0.0060	U
Endrin	0.014	2.2	11	89	410	0.0011	U	0.0010	U	0.0012	U	0.0040	U	0.0040	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0017	U	0.0017	U	0.0020	U	0.0080	U	0.0080	U
Endrin ketone	NA	NA	NA	NA	NA	0.0014	U	0.0014	U	0.0016	U	0.0080	U	0.0080	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00069	U	0.00066	U	0.00077	U	0.012	U	0.012	U
Heptachlor	0.042	0.42	2.1	15	29	0.00087	U	0.00084	U	0.00098	U	0.0030	U	0.0030	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0011	U	0.0011	U	0.0012	U	0.0050	U	0.0050	U
Methoxychlor	NA	NA	NA	NA	NA	0.0017	U	0.0016	U	0.0019	U	0.0040	U	0.0040	U
Toxaphene	NA	NA	NA	NA	NA	0.027	U	0.026	U	0.030	U	0.11	U	0.11	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1221	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1232	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1242	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1248	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1254	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1260	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1268	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor-1262	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Total PCBs	0.1	1	1	1	25	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-3 (0-2)**		**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	12/01/2022 10:30:00		11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1221	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1232	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1242	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1248	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1254	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1260	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1268	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor-1262	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Total PCBs	0.1	1	1	1	25	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-6 (0-2)**		**SB-6 (10-12)**		**SB-7 (0-2)**		**SB-8 (8-9)**		**SB-9 (8-9)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	12/01/2022 11:20:00		12/01/2022 11:30:00		11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1221	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1232	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1242	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1248	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1254	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1260	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1268	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor-1262	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Total PCBs	0.1	1	1	1	25	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**		**SB-10 (10-12)**		**UST-TP-1**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00		11/28/2022 08:27:00		11/30/2022 12:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1221	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1232	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1242	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1248	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1254	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1260	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1268	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor-1262	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Total PCBs	0.1	1	1	1	25	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**UST-TP-2**		**DUP-01**		**DUP-02**		**FB-113022**		**FB-120122**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1221	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1232	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1242	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1248	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1254	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.11	U	0.11	U
Aroclor 1260	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.11	U	0.11	U
Aroclor 1268	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.11	U	0.11	U
Aroclor-1262	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.11	U	0.11	U
Total PCBs	0.1	1	1	1	25	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1e. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-1 (0-2)		SB-1 (6-8)		SB-1 (10-12)		SB-2 (0-2)		SB-2 (8-10)		SB-3 (0-2)	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 6020B(MG/KG)																	
Aluminum	NA	NA	NA	NA	NA	**14,600**		**9,630**		**7,540**		**14,000**		**9,350**		**7,360**	
Antimony	NA	NA	NA	NA	NA	0.14	U	0.13	U	0.16	U F1	0.13	U	0.16	U	0.15	J
Arsenic	13	16	16	16	16	**1.3**		**1.2**		**1.0**	J	**2.1**		**7.4**		**3.4**	
Barium	350	350	400	400	10000	**95.7**		**90.1**		**73.0**		**94.1**		**68.8**		**51.7**	
Beryllium	7.2	14	72	590	2700	**0.96**		**0.33**	J	**0.32**	J	**0.74**		**0.41**	J	**0.39**	
Cadmium	2.5	2.5	4.3	9.3	60	0.11	U	0.097	U	0.12	U	0.13	J	0.43	J	0.099	U
Calcium	NA	NA	NA	NA	NA	**13,200**		**3,210**		**9,460**		**6,830**	F2	**2,720**		**53,800**	
Chromium	NA	NA	NA	NA	NA	**29.1**		**37.3**		**36.9**		**34.4**		**31.3**		**21.2**	
Cobalt	NA	NA	NA	NA	NA	**8.3**		**9.1**		**6.1**		**10.8**		**15.1**		**5.7**	
Copper	50	270	270	270	10000	**8.7**		**24.6**		**16.7**		**19.1**		**21.4**		**17.2**	F1
Iron	NA	NA	NA	NA	NA	**16,900**		**14,300**		**11,800**		**20,400**		**17,700**		**13,600**	
Lead	63	400	400	1000	3900	**6.9**		**4.9**		**4.7**		**14.7**		**5.4**		**11.9**	F1
Magnesium	NA	NA	NA	NA	NA	**13,500**		**3860**		**4,390**		**7,050**		**5020**		**33,800**	
Manganese	1,600	2,000	2,000	10,000	10,000	**374**		**123**		**128**		**339**		**194**		**213**	
Nickel	30	140	310	310	10000	**15.3**		**19.5**		**13.7**		**21.3**		**32.2**		**11.9**	
Potassium	NA	NA	NA	NA	NA	**556**		**1710**		**1640**	F1	**1800**		**951**		**919**	
Selenium	3.9	36	180	1500	6800	**0.44**	J	**0.21**	J	**0.18**	J	**0.90**	J	**2.1**		**0.73**	J
Silver	2	36	180	1500	6800	0.083	U	0.076	U	0.096	U	0.082	U	0.095	U	0.078	U
Sodium	NA	NA	NA	NA	NA	**187**		**500**		**351**		**126**		**124**		**147**	
Thallium	NA	NA	NA	NA	NA	**0.17**	J	**0.16**	J	**0.15**	J	**0.22**	J	**0.22**	J	**0.13**	J
Vanadium	NA	NA	NA	NA	NA	**38.0**		**45.9**		**31.1**		**39.2**		**48.9**		**28.4**	
Zinc	109	2200	10000	10000	10000	**43.9**		**38.0**		**29.7**		**56.5**		**76.0**		**38.9**	
SOIL BY 7471B(MG/KG)																	
Mercury	0.18	0.81	0.81	2.8	5.7	**0.027**		**0.0079**	U	**0.012**	J	**0.064**	F1	**0.023**		**0.031**	
SOIL BY 7196A																	
Cr (VI) (mg/kg)	1	22	110	400	800	0.98	U	0.95	U	0.93	U	0.96	U	1.1	U	0.99	U
SOIL BY 9012B																	
Cyanide, Total (mg/kg)	27	27	27	27	10000	0.15	U	0.15	U	0.13	U	0.21	J	0.18	J	0.15	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1e. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		44896.47222		44896.47222	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 6020B(MG/KG)																	
Aluminum	NA	NA	NA	NA	NA	**13,100**		**5,040**		**5,340**		**8,080**		**9,760**		**8,910**	
Antimony	NA	NA	NA	NA	NA	0.16	U	0.15	U	0.14	U	0.90		0.21	J	0.26	J
Arsenic	13	16	16	16	16	**2.0**		**0.36**	J	**2.0**		**1.4**		**1.6**		**1.9**	
Barium	350	350	400	400	10000	**63.1**		**38.2**		**40.6**		**42.1**		**56.2**		**57.9**	
Beryllium	7.2	14	72	590	2700	**1.0**		**0.16**	J	**0.20**	J	**0.38**		**0.37**		**0.35**	
Cadmium	2.5	2.5	4.3	9.3	60	0.13	J	0.11	U	0.11	U	0.15	J	0.15	J	0.19	J
Calcium	NA	NA	NA	NA	NA	**23,500**		**722**		**31,000**		**54,500**		**7,840**		**7,870**	
Chromium	NA	NA	NA	NA	NA	**20.6**		**15.2**		**16.5**		**19.1**		**30.0**		**40.4**	
Cobalt	NA	NA	NA	NA	NA	**8.0**		**3.5**		**2.6**		**4.9**		**7.9**		**9.3**	
Copper	50	270	270	270	10000	**17.3**		**4.2**		**8.4**		**10.8**		**21.1**		**32.4**	
Iron	NA	NA	NA	NA	NA	**19,800**		**5,300**		**6,970**		**11,500**		**16,000**		**17,000**	
Lead	63	400	400	1000	3900	**23.2**		**1.8**		**4.7**		**20.5**		**31.7**		**25.8**	
Magnesium	NA	NA	NA	NA	NA	**19,800**		**1,660**		**2,190**		**31,200**		**5,600**		**4,590**	
Manganese	1,600	2,000	2,000	10,000	10,000	**588**		**46.0**		**114**		**217**		**211**		**224**	
Nickel	30	140	310	310	10000	**15.2**		**7.9**		**6.8**		**11.9**		**19.2**		**18.5**	
Potassium	NA	NA	NA	NA	NA	**1240**		**439**		**1290**		**758**		**1660**		**1210**	
Selenium	3.9	36	180	1500	6800	**0.16**	J	**0.13**	U	**0.22**	J	**0.17**	J	**0.11**	U	**0.11**	U
Silver	2	36	180	1500	6800	0.095	U	0.089	U	0.086	U	0.077	U	0.075	U	0.074	U
Sodium	NA	NA	NA	NA	NA	**279**		**234**		**725**		**181**		**432**		**321**	
Thallium	NA	NA	NA	NA	NA	**0.18**	J	**0.049**	J	**0.070**	J	**0.10**	J	**0.15**	J	**0.12**	J
Vanadium	NA	NA	NA	NA	NA	**28.6**		**10.3**		**12.5**		**20.3**		**30.7**		**28.3**	
Zinc	109	2200	10000	10000	10000	**71.4**		**16.1**		**16.5**		**34.7**		**73.5**		**83.3**	
SOIL BY 7471B(MG/KG)																	
Mercury	0.18	0.81	0.81	2.8	5.7	**0.086**		**0.011**	J	**0.012**	J	**0.043**		**0.027**		**0.039**	
SOIL BY 7196A																	
Cr (VI) (mg/kg)	1	22	110	400	800	0.97	U	0.89	U	0.88	U	0.92	U	0.90	U	0.90	U
SOIL BY 9012B																	
Cyanide, Total (mg/kg)	27	27	27	27	10000	0.14	U	0.14	U	0.12	U	0.52		0.14	U	0.40	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1e. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-7 (0-2)		SB-8 (8-9)		SB-9 (8-9)		SB-9 (9-10)		SB-10 (0-2)		SB-10 (6-8)	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 6020B(MG/KG)																	
Aluminum	NA	NA	NA	NA	NA	**10,700**		**5,460**		**3,690**		**2,740**		**18,100**		**7,130**	
Antimony	NA	NA	NA	NA	NA	0.17	U	0.21	J	0.15	U	0.17	U	0.18	U	0.16	U
Arsenic	13	16	16	16	16	**4.1**		**1.8**		**1.4**		**0.65**	J	**1.4**		**1.6**	
Barium	350	350	400	400	10000	**62.3**		**50.3**		**29.4**		**20.6**		**59.3**		**50.1**	
Beryllium	7.2	14	72	590	2700	**0.48**		**0.21**	J	**0.16**	J	**0.10**	J	**0.54**		**0.30**	J
Cadmium	2.5	2.5	4.3	9.3	60	0.13	U	0.48	J	0.11	U	0.13	U	0.14	U	0.12	U
Calcium	NA	NA	NA	NA	NA	**7,520**		**15,400**		**11,800**		**10,800**		**1,700**		**1,090**	
Chromium	NA	NA	NA	NA	NA	**23.0**		**16.5**		**12.0**		**9.9**		**26.2**		**20.9**	
Cobalt	NA	NA	NA	NA	NA	**6.6**		**5.0**		**3.7**		**2.7**		**6.6**		**5.5**	
Copper	50	270	270	270	10000	**14.4**		**20.2**		**10.8**		**7.6**		**16.3**		**12.9**	
Iron	NA	NA	NA	NA	NA	**16,900**		**10,500**		**7,420**		**6,080**		**14,800**		**13,900**	
Lead	63	400	400	1000	3900	**62.1**		**18.6**		**14.0**		**2.7**		**9.2**		**3.1**	
Magnesium	NA	NA	NA	NA	NA	**4,230**		**7,240**		**3,270**		**7,030**		**4,050**		**2,950**	
Manganese	1,600	2,000	2,000	10,000	10,000	**127**		**278**		**168**		**152**		**96.2**		**112**	
Nickel	30	140	310	310	10000	**16.6**		**18.1**		**8.6**		**7.4**		**14.7**		**13.4**	
Potassium	NA	NA	NA	NA	NA	**787**		**1370**		**1100**		**714**		**888**		**941**	
Selenium	3.9	36	180	1500	6800	**0.37**	J	**0.12**	J	**0.13**	U	**0.15**	U	**0.16**	J	**0.14**	U
Silver	2	36	180	1500	6800	0.10	U	0.082	U	0.090	U	0.10	U	0.11	U	0.097	U
Sodium	NA	NA	NA	NA	NA	**468**		**188**		**145**		**145**		**860**		**257**	
Thallium	NA	NA	NA	NA	NA	**0.19**	J	**0.11**	J	**0.078**	J	**0.059**	J	**0.19**	J	**0.12**	J
Vanadium	NA	NA	NA	NA	NA	**63.5**		**21.3**		**13.0**		**9.7**		**30.1**		**23.5**	
Zinc	109	2200	10000	10000	10000	**142**		**58.0**		**23.0**		**14.8**		**53.0**		**35.4**	
SOIL BY 7471B(MG/KG)																	
Mercury	0.18	0.81	0.81	2.8	5.7	**0.045**		**0.013**	J	**0.034**		**0.011**	J	**0.030**		**0.012**	J
SOIL BY 7196A																	
Cr (VI) (mg/kg)	1	22	110	400	800	0.99	U	1.0	U	0.94	U	1.0	U	1.1	U	0.98	U
SOIL BY 9012B																	
Cyanide, Total (mg/kg)	27	27	27	27	10000	0.15	U	0.16	U	0.14	U	0.14	U	0.17	U	0.15	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1e. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-10 (10-12)		UST-TP-1		UST-TP-2		DUP-01		DUP-02		FB-113022		FB-120122	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 6020B(MG/KG)																			
Aluminum	NA	NA	NA	NA	NA	**4,450**		**9,250**		**6,720**		**9,140**		**3,050**		**19.5**	U	**19.5**	U
Antimony	NA	NA	NA	NA	NA	0.15	U	0.16	U	0.16	U	0.14	U	0.13	U	0.76	U	0.76	U
Arsenic	13	16	16	16	16	**1.0**		**1.4**		**1.4**		**1.9**		**0.83**	J	**0.89**	U	**0.89**	U
Barium	350	350	400	400	10000	**28.7**		**57.0**		**49.8**		**74.9**		**23.1**		**0.91**	U	**0.91**	U
Beryllium	7.2	14	72	590	2700	**0.15**	J	**0.38**	J	**0.17**	J	**0.41**		**0.13**	J	**0.13**	U	**0.13**	U
Cadmium	2.5	2.5	4.3	9.3	60	0.12	U	0.38	J	0.25	J	0.11	U	0.10	U	0.39	U	0.39	U
Calcium	NA	NA	NA	NA	NA	**11,500**		**3,350**		**599**		**2,180**		**14,000**		**53.6**	U	**53.6**	U
Chromium	NA	NA	NA	NA	NA	**14.7**		**23.0**		**21.7**		**35.0**		**11.5**		**2.5**	U	**2.5**	U
Cobalt	NA	NA	NA	NA	NA	**4.0**		**7.2**		**4.3**		**8.0**		**3.2**		**0.71**	U	**0.71**	U
Copper	50	270	270	270	10000	**11.8**		**18.1**		**12.2**		**18.4**		**8.6**		**2.5**	U	**2.5**	U
Iron	NA	NA	NA	NA	NA	**8,820**		**16,700**		**40,600**		**15,100**		**8,100**		**58.2**	U	**58.2**	U
Lead	63	400	400	1000	3900	**2.6**		**20.6**		**17.1**		**5.3**		**3.7**		**0.84**	U	**0.84**	U
Magnesium	NA	NA	NA	NA	NA	**6,970**		**4,810**		**3360**		**5,230**		**9,240**		**46.9**	U	**46.9**	U
Manganese	1,600	2,000	2,000	10,000	10,000	**175**		**179**		**98.5**		**119**		**284**		**1.5**	U	**1.5**	U
Nickel	30	140	310	310	10000	**10.1**		**17.2**		**10.8**		**19.7**		**8.8**		**0.91**	U	**0.91**	U
Potassium	NA	NA	NA	NA	NA	**1530**		**1520**		**977**		**1550**		**783**		**112**	U	**112**	U
Selenium	3.9	36	180	1500	6800	**0.13**	U	**0.16**	J	**0.17**	J	**0.34**	J	**0.12**	U	**0.59**	U	**0.59**	U
Silver	2	36	180	1500	6800	0.093	U	0.095	U	0.096	U	0.087	U	0.082	U	0.29	U	0.29	U
Sodium	NA	NA	NA	NA	NA	**195**		**674**		**94.4**	J	**322**		**156**		**163**	U	**163**	U
Thallium	NA	NA	NA	NA	NA	**0.084**	J	**0.14**	J	**0.12**	J	**0.15**	J	**0.076**	J	**0.21**	U	**0.21**	U
Vanadium	NA	NA	NA	NA	NA	**16.2**		**29.1**		**26.3**		**34.7**		**14.5**		**0.68**	U	**0.68**	U
Zinc	109	2200	10000	10000	10000	**24.1**		**347**		**327**		**55.6**		**19.6**		**6.5**	U	**6.5**	U
SOIL BY 7471B(MG/KG)																			
Mercury	0.18	0.81	0.81	2.8	5.7	**0.012**	J	**0.033**		**0.0090**	J	**0.0082**	U	**0.015**	J	**0.091**	U	**0.091**	U
SOIL BY 7196A																			
Cr (VI) (mg/kg)	1	22	110	400	800	0.95	U	0.93	U	0.95	U	0.89	U	1.0	U	8.1	U	8.1	U
SOIL BY 9012B																			
Cyanide, Total (mg/kg)	27	27	27	27	10000	0.15	U	3.0		0.15	U	0.14	U	0.16	U	4.0	U	4.0	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 2a. VOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		**TB-120622**		
Sample Date/Time	Standards and	12/6/2022 10:30		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		12/06/2022 00:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		1		
Unit		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8260D																
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31
1,1,2-Trichloroethane	1	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26
1,1-Dichloroethene	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26
1,2,3-Trichlorobenzene	NA	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36
1,2,4-Trichlorobenzene	NA	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37
1,2-Dibromo-3-Chloropropane	0.04	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38
1,2-Dichlorobenzene	3	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35
1,3-Dichlorobenzene	3	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34
1,4-Dichlorobenzene	3	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1
4-Methyl-2-pentanone (MIBK)	NA	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3
Acetone	50	4.4	U	4.4	U	4.4	U	4.4	U	**5.1**		4.4	U	4.4	U	4.4
Benzene	1	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54
Bromomethane	5	0.55	U	0.55	U *1	0.55	U *1	0.55	U *1	0.55	U *1	0.55	U	0.55	U	0.55
Carbon disulfide	NA	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41
Chlorodibromomethane	50	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32

Table 2a. VOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		**TB-120622**		
Sample Date/Time	Standards and	12/6/2022 10:30		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		12/06/2022 00:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		1		
Unit		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8260D																
Chloroform	7	**3.2**		**1.1**		0.33	U	0.33	U	**3.0**		0.33	U	0.33	U	0.33
Chloromethane	5	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40
cis-1,2-Dichloroethene	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22
cis-1,3-Dichloropropene	NA	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22
Cyclohexane	NA	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32
Dichlorobromomethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34
Dichlorodifluoromethane	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31
Ethylbenzene	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30
Ethylene Dibromide	0.0006	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50
Isopropylbenzene	5	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34
Methyl acetate	NA	0.79	U	0.79	U *+	0.79	U *+	0.79	U *+	0.79	U *+	0.79	U	0.79	U	0.79
Methyl tert-butyl ether	NA	0.22	U	0.22	J F1 *-	0.22	U *-	0.22	U *-	0.22	U *-	0.22	U	0.22	U	0.22
Methylcyclohexane	NA	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71
Methylene Chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32
m-Xylene & p-Xylene	NA	0.30	U	0.30	U	0.30	U	**0.47**	J	0.30	U	0.30	U	0.30	U	0.30
o-Xylene	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36
Styrene	930	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42
Tetrachloroethene	5	0.25	U	0.25	U	**0.62**	J	0.25	U	0.25	U	0.25	U	0.25	U	0.25
Toluene	5	0.38	U	0.38	U	**0.39**	J	**0.59**	J	0.38	U	0.38	U	0.38	U	0.38
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24
trans-1,3-Dichloropropene	NA	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22
Trichloroethene	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31
Trichlorofluoromethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17
WATER BY 8015D																
GRO	NA	25	U	25	U	25	U	25	U	25	U	25	U			

Notes:
*: Division of Water Technical Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*T There are no TICs reported for the sample.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values
NA: No Applicable Guidance Value.

Table 2b. SVOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8270E														
1,1'-Biphenyl	5	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,2,4,5-Tetrachlorobenzene	NA	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,4-Dioxane	NA	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6
2,2'-oxybis[1-chloropropane]	10	0.63	U	0.63	U F2	0.63	U	0.63	U	0.63	U	0.63	U	0.63
2,3,4,6-Tetrachlorophenol	NA	0.75	U	0.75	U F1	0.75	U	0.75	U	0.75	U	0.75	U	0.75
2,4,5-Trichlorophenol	NA	0.88	U	0.88	U F1	0.88	U	0.88	U	0.88	U	0.88	U	0.88
2,4,6-Trichlorophenol	NA	0.86	U	0.86	U F1	0.86	U	0.86	U	0.86	U	0.86	U	0.86
2,4-Dichlorophenol	5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1
2,4-Dimethylphenol	NA	0.62	U	0.62	U	0.62	U	0.62	U	0.62	U	0.62	U	0.62
2,4-Dinitrophenol	5	2.6	U	2.6	U F1	2.6	U	2.6	U	2.6	U	2.6	U	2.6
2,4-Dinitrotoluene	NA	1.0	U	1.0	U F1	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,6-Dinitrotoluene	NA	0.83	U	0.83	U F1	0.83	U	0.83	U	0.83	U	0.83	U	0.83
2-Chloronaphthalene	NA	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
2-Chlorophenol	NA	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38
2-Methylnaphthalene	5	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53
2-Methylphenol	NA	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67
2-Nitroaniline	NA	0.47	U	0.47	U F1	0.47	U	0.47	U	0.47	U	0.47	U	0.47
2-Nitrophenol	5	0.75	U	0.75	U F2	0.75	U	0.75	U	0.75	U	0.75	U	0.75
3,3'-Dichlorobenzidine	5	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4
3-Nitroaniline	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9
4,6-Dinitro-2-methylphenol	NA	3.0	U	3.0	U F2 F1	3.0	U	3.0	U	3.0	U	3.0	U	3.0
4-Bromophenyl phenyl ether	NA	0.75	U	0.75	U F1	0.75	U	0.75	U	0.75	U	0.75	U	0.75
4-Chloro-3-methylphenol	5	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58
4-Chloroaniline	NA	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9
4-Chlorophenyl phenyl ether	NA	1.3	U	1.3	U F1	1.3	U	1.3	U	1.3	U	1.3	U	1.3
4-Methylphenol	5	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65
4-Nitroaniline	NA	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2
4-Nitrophenol	NA	4.0	U	4.0	U F2 F1	4.0	U	4.0	U	4.0	U	4.0	U	4.0
Acenaphthene	20	1.1	U	1.1	U F1	1.1	U	1.1	U	1.1	U	1.1	U	1.1
Acenaphthylene	NA	0.82	U	0.82	U F1	0.82	U	0.82	U	0.82	U	0.82	U	0.82
Acetophenone	NA	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3
Anthracene	50	1.3	U	1.3	U F1	1.3	U	1.3	U	1.3	U	1.3	U	1.3
Atrazine	7.5	1.3	U	1.3	U F1	1.3	U	1.3	U	1.3	U	1.3	U	1.3
Benzaldehyde	NA	2.1	U	2.1	U F1	2.1	U	2.1	U	2.1	U	2.1	U	2.1
Benzo[a]anthracene	0.002	0.59	U	0.59	U F1	0.59	U	0.59	U	0.59	U	0.59	U	0.59
Benzo[a]pyrene	NA	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41
Benzo[b]fluoranthene	0.002	0.68	U	0.68	U F1	0.68	U	0.68	U	0.68	U	0.68	U	0.68

Table 2b. SVOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8270E														
1,1'-Biphenyl	5	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,2,4,5-Tetrachlorobenzene	NA	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,4-Dioxane	NA	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6
Benzo[g,h,i]perylene	NA	0.70	U	0.70	U F1	0.70	U	0.70	U	0.70	U	0.70	U	0.70
Benzo[k]fluoranthene	0.002	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67
Bis(2-chloroethoxy)methane	5	0.59	U	0.59	U F1	0.59	U	0.59	U	0.59	U	0.59	U	0.59
Bis(2-chloroethyl)ether	1	0.63	U	0.63	U F1	0.63	U	0.63	U	0.63	U	0.63	U	0.63
Bis(2-ethylhexyl) phthalate	5	0.80	U	0.80	U F1	0.80	U	0.80	U	0.80	U	0.80	U	0.80
Butyl benzyl phthalate	50	0.85	U	0.85	U F1	0.85	U	0.85	U	0.85	U	0.85	U	0.85
Caprolactam	NA	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2
Carbazole	NA	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68
Chrysene	0.002	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.91
Dibenz(a,h)anthracene	50	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72
Dibenzofuran	50	1.1	U	1.1	U F1	1.1	U	1.1	U	1.1	U	1.1	U	1.1
Diethyl phthalate	NA	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98
Dimethyl phthalate	NA	0.77	U	0.77	U F1	0.77	U	0.77	U	0.77	U	0.77	U	0.77
Di-n-butyl phthalate	50	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84
Di-n-octyl phthalate	50	0.75	U	0.75	U F2	0.75	U	0.75	U	0.75	U	0.75	U	0.75
Fluoranthene	50	0.84	U	0.84	U F1	0.84	U	0.84	U	0.84	U	0.84	U	0.84
Fluorene	50	0.91	U	0.91	U F1	0.91	U	0.91	U	0.91	U	0.91	U	0.91
Hexachlorobenzene	0.04	0.40	U	0.40	U F1	0.40	U	0.40	U	0.40	U	0.40	U	0.40
Hexachlorobutadiene	0.5	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78
Hexachlorocyclopentadiene	5	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6
Hexachloroethane	5	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80
Indeno[1,2,3-cd]pyrene	0.002	0.94	U	0.94	U F1	0.94	U	0.94	U	0.94	U	0.94	U	0.94
Isophorone	50	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80
Naphthalene	NA	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54
Nitrobenzene	50	0.57	U	0.57	U F1	0.57	U	0.57	U	0.57	U	0.57	U	0.57
N-Nitrosodi-n-propylamine	10	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43
N-Nitrosodiphenylamine	0.4	0.89	U	0.89	U F1	0.89	U	0.89	U	0.89	U	0.89	U	0.89
Pentachlorophenol	NA	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4
Phenanthrene	50	1.3	U	1.3	U F1	1.3	U	1.3	U	1.3	U	1.3	U	1.3
Phenol	NA	0.29	U	0.29	U F2	0.29	U	0.29	U	0.29	U	0.29	U	0.29
Pyrene	50	1.6	U *+	1.6	U F2 F1 *+	1.6	U *+	1.6	U *+	1.6	U *+	1.6	U *+	1.6
Total Conc														
Total Estimated Conc. (TICs)	NA	0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		

Notes:
*: Division of Water Technical Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*T There are no TICs reported for the sample.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values
NA: No Applicable Guidance Value.

Table 2c. Pesticides Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8081B														
4,4'-DDD	0.3	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060
4,4'-DDE	0.2	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020
4,4'-DDT	0.2	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040
Aldrin	NA	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030
alpha-BHC	0.01	0.0070	U	0.0070	U	0.0070	U	0.0070	U	0.0070	U	0.0070	U	0.0070
beta-BHC	0.04	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015
Chlordane (technical)	0.05	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055
delta-BHC	0.04	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050
Dieldrin	0.004	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030
Endosulfan I	NA	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020
Endosulfan II	NA	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040
Endosulfan sulfate	NA	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060
Endrin	NA	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040
Endrin aldehyde	5	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080
Endrin ketone	5	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080
gamma-BHC (Lindane)	0.05	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012
Heptachlor	0.04	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030
Heptachlor epoxide	0.03	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050
Methoxychlor	35	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040
Toxaphene	0.06	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11

Notes:
*: Division of Water Technical Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*T There are no TICs reported for the sample.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values
NA: No Applicable Guidance Value.

Table 2d. PCBs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8082A														
Aroclor 1016	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1221	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1232	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1242	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1248	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1254	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11
Aroclor 1260	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11
Aroclor 1268	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11
Aroclor-1262	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11
Total PCBs	0.09	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12

Notes:
*: Division of Water Technical Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*T There are no TICs reported for the sample.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

Table 2e. Metals Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Unit	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 6020B														
Aluminum	NA	**14,700**		**13,900**		**9,350**		**69,200**		**40,600**		19.5	U	19.5
Aluminum, Dissolved	NA	19.5	U	19.5	U	19.5	U	19.5	U	19.5	U	**71.9**		19.5
Antimony	3	0.76	U	0.76	U	0.76	U	0.76	U	0.76	U	0.76	U	0.76
Antimony, Dissolved	3	**1.1**	J	**1.3**	J	0.76	U	0.76	U	0.76	U	0.76	U	0.76
Arsenic	25	**8.3**		**6.2**		**4.1**		**30.2**		**14.5**		0.89	U	0.89
Arsenic, Dissolved	25	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U	0.89
Barium	1,000	**231**		**278**		**331**		**728**		**517**		0.91	U	0.91
Barium, Dissolved	1,000	**48.0**		**50.7**		**80.5**		**75.0**		**49.5**		0.91	U	0.91
Beryllium	3	**0.56**	J	**0.55**	J	**0.42**	J	**3.5**		**1.6**		0.13	U	0.13
Beryllium, Dissolved	3	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13
Cadmium	5	**0.54**	J	**0.53**	J	**0.64**	J	**1.4**	J	**1.1**	J	0.39	U	0.39
Cadmium, Dissolved	5	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39
Calcium	NA	**90,500**		**118,000**	F2	**110,000**		**99,900**		**119,000**		53.6	U	53.6
Calcium, Dissolved	NA	**64,000**		**69,600**		**77,900**		**81,100**		**65,000**		53.6	U	53.6
Chromium	50	**72.7**		**74.4**	F1	**32.3**		**467**		**196**		2.5	U	2.5
Chromium, Dissolved	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5
Cobalt	NA	**22.1**		**19.5**	F1	**20.0**		**81.0**		**55.1**		0.71	U	0.71
Cobalt, Dissolved	NA	0.71	U	0.71	U	0.71	U	**1.6**	J	0.71	U	0.71	U	0.71
Copper	200	**87.3**		**144**	F1	**60.7**		**339**		**201**		2.5	U	2.5
Copper, Dissolved	200	2.5	U	**2.9**	J	2.5	U	**5.9**		2.5	U	2.5	U	2.5
Iron	300	**44,900**		**32,200**		**25,600**		**163,000**		**108,000**		58.2	U	58.2
Iron, Dissolved	300	58.2	U	58.2	U	58.2	U	58.2	U	58.2	U	58.2	U	58.2
Lead	25	**56.4**		**39.1**	F1	**33.8**		**128**		**79.0**		0.84	U	0.84
Lead, Dissolved	25	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84
Magnesium	35,000	**41,000**		**53,300**	F2	**41,000**		**62,100**		**69,600**		46.9	U	46.9
Magnesium, Dissolved	35,000	**20,100**		**21,500**		**20,800**		**16,800**		**20,400**		46.9	U	46.9
Manganese	300	**2,220**		**2,540**	F2	**3,280**		**4,730**		**4,610**		1.5	U	1.5

Table 2e. Metals Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Unit	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 6020B														
Aluminum	NA	**14,700**		**13,900**		**9,350**		**69,200**		**40,600**		19.5	U	19.5
Aluminum, Dissolved	NA	19.5	U	19.5	U	19.5	U	19.5	U	19.5	U	**71.9**		19.5
Manganese, Dissolved	300	**68.4**		**17.7**		**3.5**	J	**498**		**110**		1.5	U	1.5
Nickel	100	**46.9**		**50.9**	F1	**39.3**		**210**		**128**		0.91	U	0.91
Nickel, Dissolved	100	**1.7**	J	**2.2**	J	**1.7**	J	**3.7**	J	**2.0**	J	0.91	U	0.91
Potassium	NA	**7,360**		**8,210**	F1	**6,120**		**25,000**		**15,000**		112	U	112
Potassium, Dissolved	NA	**4,000**		**4,680**		**3,520**		**5,160**		**4,120**		112	U	112
Selenium	10	**2.7**		**3.0**		**0.71**	J	**1.2**	J	**3.5**		0.59	U	0.59
Selenium, Dissolved	10	**2.6**		**2.6**		**0.82**	J	**0.75**	J	**2.3**	J	0.59	U	0.59
Silver	50	0.29	U	0.29	U	0.29	U	**0.43**	J	**0.48**	J	0.29	U	0.29
Silver, Dissolved	50	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29
Sodium	20,000	**65,000**		**56,300**		**83,700**		**81,200**		**76,200**		163	U	163
Sodium, Dissolved	20,000	**66,000**		**54,000**		**83,300**		**94,600**		**67,300**		**49,100**		163
Thallium	0.5	0.21	U	0.21	U	0.21	U	**1.7**		**1.0**		0.21	U	0.21
Thallium, Dissolved	0.5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21
Vanadium	NA	**72.6**		**57.5**	F1	**41.6**		**272**		**190**		0.68	U	0.68
Vanadium, Dissolved	NA	**1.5**	J	**1.3**	J	**1.3**	J	0.68	U	**0.94**	J	0.68	U	0.68
Zinc	2,000	**119**		**109**		**78.2**		**413**		**287**		6.5	U	6.5
Zinc, Dissolved	2,000	6.5	U	6.5	U	6.5	U	6.5	U	6.5	U	6.5	U	6.5
WATER BY 7470A(UG/L)														
Mercury	0.7	0.091	U	0.091	U F2	0.091	U	**0.096**	J	0.091	U	0.091	U	0.091
Mercury, Dissolved	0.7	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091
WATER BY 7196A														
Cr (VI)	100	81.4	U	40.7	U	8.1	U	81.4	U	81.4	U	8.1	U	8.1
WATER BY 9012B														
Cyanide, Total	400	4.0	U	4.0	J F1 F2	4.0	U	4.0	U	4.0	U	4.0	U	4.0

Notes:
*: Division of Water Technical Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*T There are no TICs reported for the sample.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values
NA: No Applicable Guidance Value.

Table 3. Soil Vapor Analytical Results
1099 Webster Avenue
Bronx, New York 10456

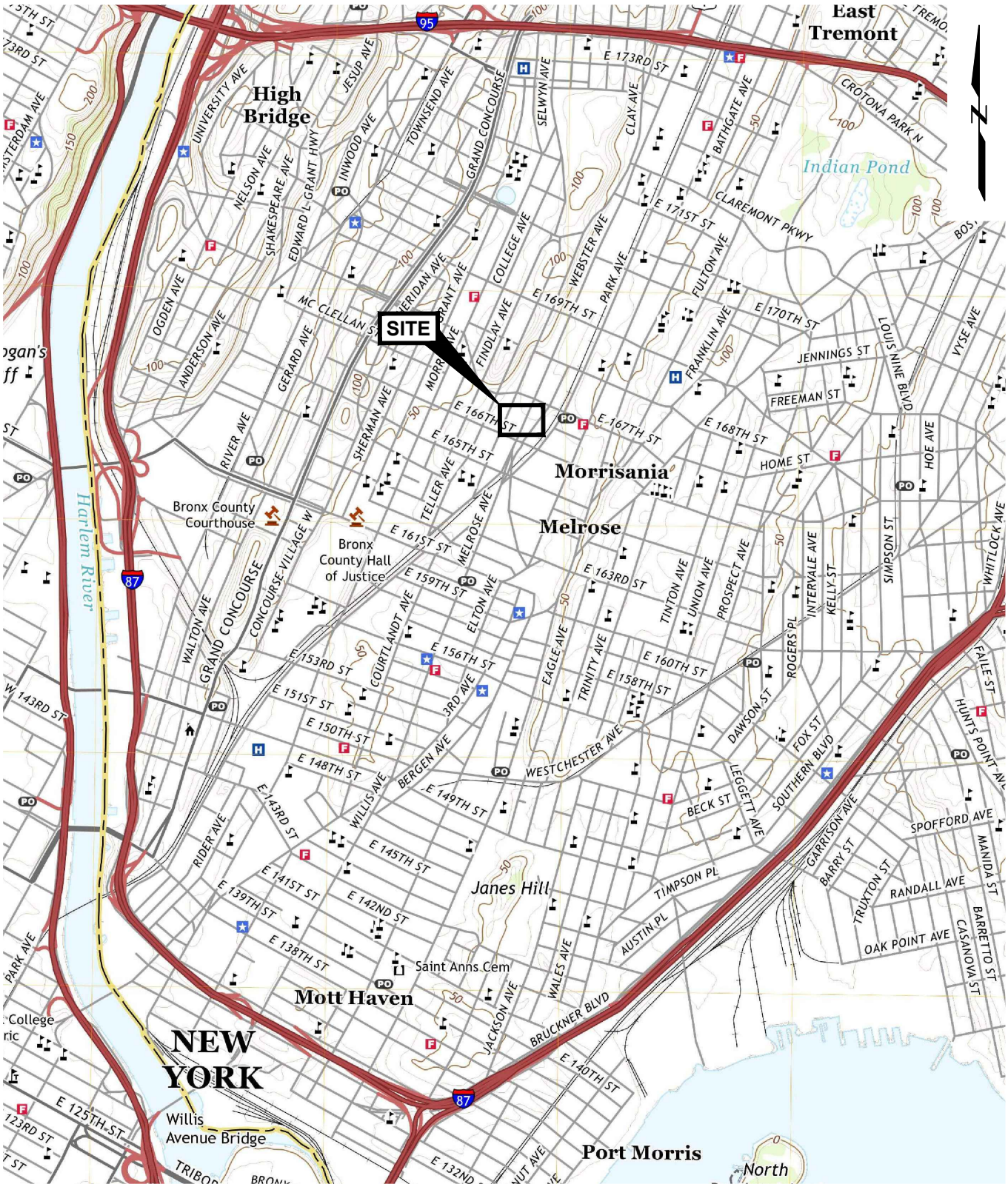
Sample ID	NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State (October 2006) and Intrusion in New York State (October 2006) and Decision Matrix - Mitigate for Sub-Slab Conc.	**SV-1**		**SV-2**		**SV-3**		**SV-4**		**SV-5**		
Sample Date/Time		12/01/2022 13:50:00		12/01/2022 13:52:00		12/01/2022 14:00:00		12/06/2022 11:40:00		12/06/2022 11:42:00		
Matrix		Air		Air		Air		Air		Air		
Dilution Factor		1		1		1		1		1		
Unit	ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
AIR BY TO-15												
1,1,1-Trichloroethane	1,000 and above	1.1	U	1.1	U	**6.7**		1.1	U	1.1	U	0.24
1,1,2,2-Tetrachloroethane	NA	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.30
1,1,2-Trichloroethane	NA	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	0.40
1,1,2-Trichlorotrifluoroethane	NA	**0.44**	J	**0.49**	J	**0.54**	J	**0.47**	J	**0.59**	J	0.41
1,1-Dichloroethane	NA	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U	0.10
1,1-Dichloroethene	60 and above	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.10
1,2,4-Trichlorobenzene	NA	3.7	U	3.7	U	3.7	U	3.7	U	3.7	U	2.4
1,2,4-Trimethylbenzene	NA	0.98	U	**1.9**		**180**		**1.5**		**3.9**		0.39
1,2-Dibromoethane	NA	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.32
1,2-Dichlorobenzene	NA	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	0.40
1,2-Dichloroethane	NA	0.81	U	**7.0**		0.81	U	0.81	U	0.81	U	0.38
1,2-Dichloroethene, Total	NA	1.6	U	1.6	U	**1.4**	J	1.6	U	**0.95**	J	0.40
1,2-Dichloropropane	NA	0.92	U	0.92	U	0.92	U	0.92	U	0.92	U	0.43
1,2-Dichlorotetrafluoroethane	NA	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.34
1,3,5-Trimethylbenzene	NA	0.98	U	**1.1**		**87**		**0.29**	J	**0.94**	J	0.23
1,3-Butadiene	NA	0.44	U	**5.2**		**0.60**		**0.17**	J	**0.25**	J	0.086
1,3-Dichlorobenzene	NA	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	0.44
1,4-Dichlorobenzene	NA	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	0.54
1,4-Dioxane	NA	18	U	18	U	18	U	18	U	18	U	4.7
2,2,4-Trimethylpentane	NA	**0.33**	J	**47**		**35**		**1.0**		**0.83**	J	0.18
2-Chlorotoluene	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.24
3-Chloropropene	NA	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.38
4-Ethyltoluene	NA	0.98	U	**0.89**	J	**91**		**0.36**	J	**1.1**		0.24
4-Isopropyltoluene	NA	1.1	U	1.1	U	**3.8**		**0.81**	J	**0.45**	J	0.33
Acetone	NA	**23**		**99**	**E	**71**		**38**		**26**		3.8
Benzene	NA	**0.61**	J	**83**		**19**		**1.8**		**1.1**		0.14
Benzyl chloride	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.46
Bromodichloromethane	NA	**1.9**		1.3	U	1.3	U	1.3	U	1.3	U	0.34
Bromoethene(Vinyl Bromide)	NA	0.87	U	0.87	U	0.87	U	0.87	U	0.87	U	0.22
Bromoform	NA	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	1.2
Bromomethane	NA	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	0.28
Carbon disulfide	NA	**8.4**		**5.7**		**0.84**	J	1.6	U	**0.75**	J	0.40
Carbon tetrachloride	60 and above	0.22	U	0.22	U	**0.52**		**0.31**		0.22	U	0.14
Chlorobenzene	NA	0.92	U	0.92	U	0.92	U	0.92	U	0.92	U	0.20
Chlorodifluoromethane	NA	**0.72**	J	**0.69**	J	**2.3**		**1.1**	J	**0.97**	J	0.42
Chloroethane	NA	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.47
Chloroform	NA	**260**	*E	**56**		**9.4**		0.98	U	**1.3**		0.20
Chloromethane	NA	1.0	U	1.0	U	**0.59**	J	**1.1**		**3.1**		0.31
cis-1,2-Dichloroethene	60 and above	**0.34**	J	2.0	U	**1.4**	J	2.0	U	2.0	U	0.083
cis-1,3-Dichloropropene	NA	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.20

Table 3. Soil Vapor Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State (October 2006) and Intrusion in New York State (October 2006) and Decision Matrix - Mitigate for Sub-Slab Conc.	**SV-1**		**SV-2**		**SV-3**		**SV-4**		**SV-5**		
Sample Date/Time		12/01/2022 13:50:00		12/01/2022 13:52:00		12/01/2022 14:00:00		12/06/2022 11:40:00		12/06/2022 11:42:00		
Matrix		Air		Air		Air		Air		Air		
Dilution Factor		1		1		1		1		1		
Unit	ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
AIR BY TO-15												
Cumene	NA	0.98	U	**1.5**		**190**		**0.33**	J	**0.95**	J	0.20
Cyclohexane	NA	**0.20**	J	**12**		**12**		**0.52**	J	**0.45**	J	0.20
Dibromochloromethane	NA	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.54
Dichlorodifluoromethane	NA	**1.8**	J	**1.9**	J	**1.9**	J	**1.8**	J	**2.0**	J	0.54
Ethylbenzene	NA	**0.47**	J	**9.2**		**170**		**1.2**	B	**1.7**	B	0.23
Hexachlorobutadiene	NA	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	1.2
Isopropyl alcohol	NA	12	U *+	12	U *+	12	U	**9.0**	J	12	U	3.9
m,p-Xylene	NA	**0.47**	J	**30**		**810**	**D	**3.1**		**4.7**		0.41
Methyl Butyl Ketone (2-Hexanone)	NA	**0.75**	J	2.0	U	**38**	D	**0.73**	J	2.0	U	0.61
Methyl Ethyl Ketone	NA	**9.9**		**19**		**4.0**	D	**8.0**		**6.9**		1.4
methyl isobutyl ketone	NA	**7.0**		**2.7**		**2.0**	D	**0.84**	J	**3.3**		0.53
Methyl methacrylate	NA	2.0	U	2.0	U	**110**	D	2.0	U	2.0	U	0.57
Methyl tert-butyl ether	NA	0.72	U	0.72	U	**0.72**	D	0.72	U	0.72	U	0.13
Methylene Chloride	1,000 and above	1.7	U	1.7	U	**1.7**	D	**4.7**		**3.5**		0.63
Naphthalene	NA	2.6	U	2.6	U	**2.6**	D	2.6	U	2.6	U	1.6
n-Butane	NA	**1.9**		**470**	*D	**230**	**D	**10**		**4.3**		0.48
n-Butylbenzene	NA	1.1	U	1.1	U	**1.1**	D	1.1	U	1.1	U	0.60
n-Heptane	NA	0.82	U	**45**		**32**	D	**1.3**		**1.4**		0.23
n-Hexane	NA	**1.1**	J	**140**		**41**	D	**1.7**	J	**1.4**	J	0.39
n-Propylbenzene	NA	0.98	U	**0.71**	J	**86**	D	0.98	U	**0.84**	J	0.23
sec-Butylbenzene	NA	1.1	U	1.1	U	**9.3**	D	1.1	U	**0.50**	J	0.25
Styrene	NA	0.85	U	0.85	U	**0.85**	D	0.85	U	0.85	U	0.25
tert-Butyl alcohol	NA	15	U	**4.9**	J	**5.2**	D	15	U	15	U	3.6
tert-Butylbenzene	NA	1.1	U	1.1	U	**1.1**	D	1.1	U	1.1	U	0.26
Tetrachloroethene	1,000 and above	**28**		**200**		**680**	**D	**1.0**	J	**45**		0.14
Tetrahydrofuran	NA	15	U	15	U	**15**	D	15	U	15	U	3.8
Toluene	NA	**2.4**		**150**	**E	**140**	D	**6.4**		**5.1**		0.16
trans-1,2-Dichloroethene	NA	0.79	U	0.79	U	**0.79**	D	0.79	U	**0.96**		0.091
trans-1,3-Dichloropropene	NA	0.91	U	0.91	U	**0.91**	D	0.91	U	0.91	U	0.25
Trichloroethene	60 and above	**42**		**96**		**56**	D	0.19	U	**1.0**		0.13
Trichlorofluoromethane	NA	**0.92**	J	**1.4**		**1.4**	D	**0.93**	J	**0.89**	J	0.28
Vinyl chloride	60 and above	0.20	U	0.20	U	**0.20**	D	0.20	U	0.20	U	0.054
Xylene (total)	NA	**0.77**	J	**40**		**870**	D	**4.4**		**7.0**		0.48
Xylene, o-	NA	**0.29**	J	**9.6**		**410**	**D	**1.3**		**2.3**		0.23

*+ : LCS and/or LCSD is outside acceptance limits, high biased.
D : Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E : Result exceeded calibration range.
*E and *D : Secondary dilution factor of 5.
**E : Secondary dilution factor of 1.
**D : Secondary dilution factor of 4.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.
Exeeds NYSDOH Guidance for Evaluating Soil Vapor May 2017 Upated Soil Vapor / Indoor Air Decision Matrix - Mitigate for Sub-Slab Concentrations.
NA: Not Applicable.

Figures



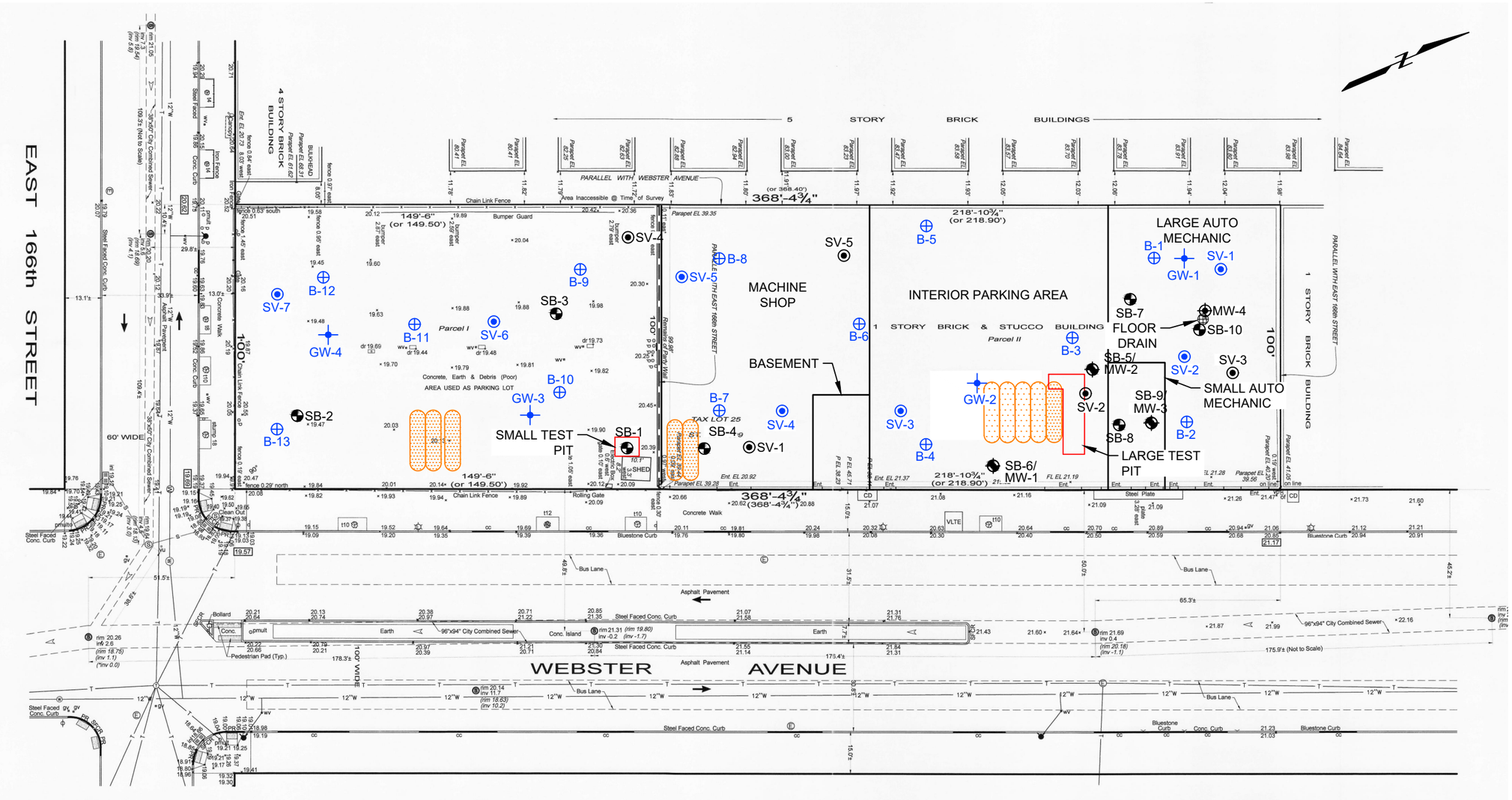
0 2000 4000

SCALE: 1" = 2000'

SOURCE: USGS TOPOGRAPHICAL MAP OF CENTRAL PARK, NY NJ 2019
(www.ngmdb.usgs.gov/topoview)

Supplemental Investigation 1099 Webster Avenue Bronx, New York	GEI Consultants	SITE LOCATION MAP
Mega Development Group Long Island City, New York	Project 2203948	March 2023 Fig. 1

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LEGEND:

- GROUNDWATER MONITORING WELL (GEI)
- SOIL BORING (GEI)
- SOIL VAPOR SAMPLE (GEI)
- FLOOR DRAIN
- TEST PIT (GEI)
- SOIL BORING (2018)
- GROUNDWATER SAMPLE (2018)
- SOIL VAPOR SAMPLE (2018)
- UST ANOMALY

NOTE: TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
2. SAMPLE LOCATIONS FROM *FIGURE 1: SAMPLE COLLECTION LOCATIONS, PROPERTY LOCATED AT 1099-1135 WEBSTER AVENUE, BRONX, NEW YORK*, PREPARED BY ENVIRONMENTAL STUDIES CORPORATION, SCALE: 1" = 50'.
3. UST ANOMALIES FROM FROM *FIGURE 2: GEOPHYSICAL SURVEY POTENTIAL USTs, PROPERTY LOCATED AT 1099-1135 WEBSTER AVENUE, BRONX, NEW YORK*, PREPARED BY ENVIRONMENTAL STUDIES CORPORATION, SCALE: 1" = 50'.

0 40 80

SCALE: 1" = 40'

Supplemental Investigation 1099 Webster Avenue Bronx, New York	GEI Consultants	SAMPLE LOCATION PLAN
Mega Development Group Long Island City, New York	Project 2203948	March 2023 Fig. 2

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LEGEND:

- SOIL BORING (2022)
- SOIL BORING (2018)
- FLOOR DRAIN
- UST ANOMALY (2018)
- TEST PIT (GEI)

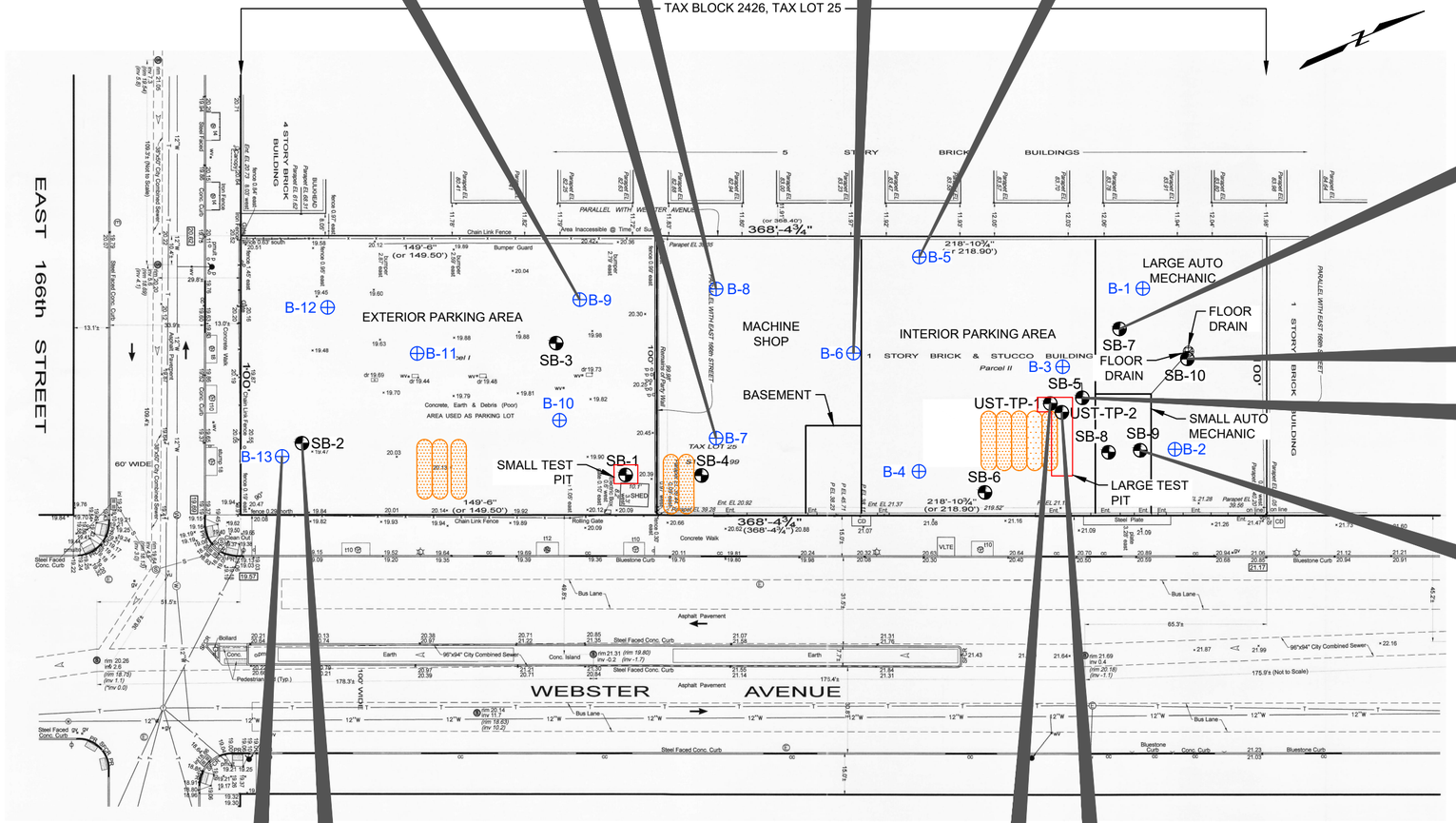
Location:	B-9 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
SVOCs (mg/Kg)	
Benzo(a)anthracene	7.79
Benzo(a)pyrene	6.63
Benzo(b)fluoranthene	6.63
Benzo(k)fluoranthene	5.62
Chrysene	6.72
Dibenzo(a,h)anthracene	1.56
Indeno(1,2,3-cd)pyrene	4.17

Location:	B-7 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
Metals (mg/Kg)	
Arsenic	68
Lead	69.9

Location:	B-8 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
Metals (mg/Kg)	
Arsenic	113
Lead	166
Zinc	200

Location:	B-6 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
VOCs (mg/Kg)	
Acetone	0.14
Pesticides (mg/Kg)	
4,4'-DDT	0.00613
Metals (mg/Kg)	
Lead	156

Location:	B-5 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
Metals (mg/Kg)	
Copper	56
Lead	198
Zinc	142



Location:	SB-7 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	11/30/2022
SVOCs (mg/Kg)	
Benzo[b]fluoranthene	1.1
Indeno[1,2,3-cd]pyrene	0.57
Metals (mg/Kg)	
Zinc	142

Location:	SB-10 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	11/28/2022
VOCs (mg/Kg)	
1,2-Dichlorobenzene	3.4
cis-1,2-Dichloroethene	1.0
Ethylbenzene	1.7
Tetrachloroethene	18
Toluene	2.7
Trichloroethene	1.1

Location:	SB-5 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	12/1/2022
Pestides (mg/Kg)	
4,4'-DDE	0.0037 J

Location:	SB-9 (8-9)
Sample Depth (ft.):	8-9
Sample Date:	11/28/2022
SVOCs (mg/Kg)	
Benzo[a]anthracene	2.6
Benzo[a]pyrene	2.3
Benzo[b]fluoranthene	3.0
Benzo[k]fluoranthene	1.2
Chrysene	2.1
Dibenz(a,h)anthracene	0.43
Indeno[1,2,3-cd]pyrene	1.6

Analyte	NYSDEC Unrestricted Use SCO	NYSDEC - Residential Use SCO	NYSDEC - Restricted Residential Use SCO	NYSDEC - Commercial Use SCO	NYSDEC - Industrial Use SCO
VOCs (mg/Kg)					
1,2-Dichlorobenzene	1.1	100	100	500	1,000
Acetone	0.05	100	100	500	1,000
cis-1,2-Dichloroethene	0.25	59	100	500	1,000
Ethylbenzene	1	30	41	390	780
Tetrachloroethene	1.3	5.5	19	150	300
Toluene	0.7	100	100	500	1,000
Trichlorethene	0.47	10	21	200	400
SVOCs (mg/Kg)					
Benzo[a]anthracene	1	1	1	5.6	11
Benzo[a]pyrene	1	1	1	1	1.1
Benzo[b]fluoranthene	1	1	1	5.6	11
Benzo[k]fluoranthene	0.8	1	3.9	56	110
Chrysene	1	1	3.9	56	110
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11
Pesticides (mg/Kg)					
4,4'-DDE	0.0033	1.8	8.9	62	120
4,4'-DDT	0.0033	1.7	7.9	47	94
Metals (mg/Kg)					
Arsenic	13	16	16	16	16
Copper	50	270	270	270	10,000
Lead	63	400	400	1,000	3,900
Mercury	0.18	0.81	0.81	2.8	5.7
Nickel	30	140	310	310	10,000
Zinc	109	2,200	10,000	10,000	10,000

NOTES:

TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

mg/Kg = MILLIGRAMS/KILOGRAM OR PARTS PER MILLION (ppm)

VOC = VOLATILE ORGANIC COMPOUND

SVOC = SEMI-VOLATILE ORGANIC COMPOUND

NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SCO = SOIL CLEANUP OBJECTIVES

EXCEEDS NYSDEC PART 375 INDUSTRIAL USE SCO

EXCEEDS NYSDEC PART 375 COMMERCIAL USE SCO

EXCEEDS NYSDEC PART 375 RESTRICTED RESIDENTIAL USE SCO

EXCEEDS NYSDEC PART 375 RESIDENTIAL USE SCO

EXCEEDS NYSDEC PART 375 UNRESTRICTED USE SCO

Location:	B-13 (0-2)	B-13 (12-14)
Sample Depth (ft.):	0-2	12-14
Sample Date:	5/21/2018	5/21/2018
VOCs (mg/Kg)		
Acetone	0.072	0.26
Metals (mg/Kg)		
Copper	57.5	27.6
Lead	242	4.21
Mercury	0.401	0.046

Location:	SB-2 (8-10)
Sample Depth (ft.):	8-10
Sample Date:	12/1/2022
VOCs (mg/Kg)	
Acetone	0.14
Metals (mg/Kg)	
Nickel	32.2

Location:	UST-TP-1
Sample Date:	11/30/2022
Metals (mg/Kg)	
Zinc	347

Location:	UST-TP-2
Sample Date:	11/30/2022
Metals (mg/Kg)	
Zinc	327

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
2. SAMPLE LOCATIONS FROM *FIGURE 1: SAMPLE COLLECTION LOCATIONS, PROPERTY LOCATED AT 1099-1135 WEBSTER AVENUE, BRONX, NEW YORK,* PREPARED BY ENVIRONMENTAL STUDIES CORPORATION, SCALE: 1" = 50'.
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0 40 80

SCALE: 1" = 40'

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JULY 2018 AND DECEMBER 2022 SOIL EXCEEDANCE SUMMARY

Project 2203948 | March 2023 | Fig. 3

LROBERTSON B:\Working\MEGA DEVELOPMENT\2203948 Ten 99 Development Project NYSDEC BCP\00_CAD\Figures\BCPPA\2203948_BCPPA_SBDAT LR.dwg - 2/28/2023

LEGEND:

- GROUNDWATER MONITORING WELL (2022)
- GROUNDWATER SAMPLE (2018)
- FLOOR DRAIN
- UST ANOMALY (2018)

Analyte	NYSDEC TOGS Class GA Standards and Guidance Values
SVOCs (ug/L)	
Benzo(a)antrhacene	0.002
Benzo(a)pyrene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Pesticides (ug/L)	
Chlordane, Total	0.05
PCBs (ug/L)	
Total PCBS	0.09
Metals (ug/L)	
Arsenic	25
Barium	1,000
Beryllium	3
Chromium	50
Copper	200
Iron	300
Lead	25
Magnesium	35,000
Manganese	300
Nickel	100
Selenium	10
Sodium	20,000
Thallium	0.50

NOTES:

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ug/L = MICROGRAMS/LITER OR PARTS PER BILLION (ppb)

PCBs = POLYCHLORINATED BIPHENYLS

SVOC = SEMI-VOLATILE ORGANIC COMPOUND

NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

TOGS = TECHNICAL AND OPERATIONAL GUIDANCE SERIES

SCO = SOIL CLEANUP OBJECTIVES

EXCEEDS NYSDEC TOGS CLASS GA STANDARDS AND GUIDANCE VALUES

Location: / Sample Date:	GW-1 5/21/2018
Pesticides (ug/L)	
Chlordane, Total	0.0682
Total Metals (ug/L)	
Barium	3,660
Chromium	688
Arsenic	35.4
Copper	574
Lead	150
Magnesium	395,000
Manganese	25,900
Nickel	465
Sodium	134,000
Selenium	42.8
Dissolved Metals (ug/L)	
Manganese	1,020
Sodium	109,000
PCBs (ug/L)	
Total PCBs	3.74

Location: / Sample Date:	MW-2 12/6/2022
Total Metals (ug/L)	
Chromium	74.4
Iron	32,200
Lead	39.1
Magnesium	53,300
Manganese	2,540
Sodium	56,300
Dissolved Metals (ug/L)	
Sodium	54,000

Location: / Sample Date:	GW-4 5/22/2018
Total Metals (ug/L)	
Manganese	2,180
Sodium	52,500
Dissolved Metals (ug/L)	
Manganese	655
Sodium	48,600
PCBs (ug/L)	
Total PCBs	4.44 D

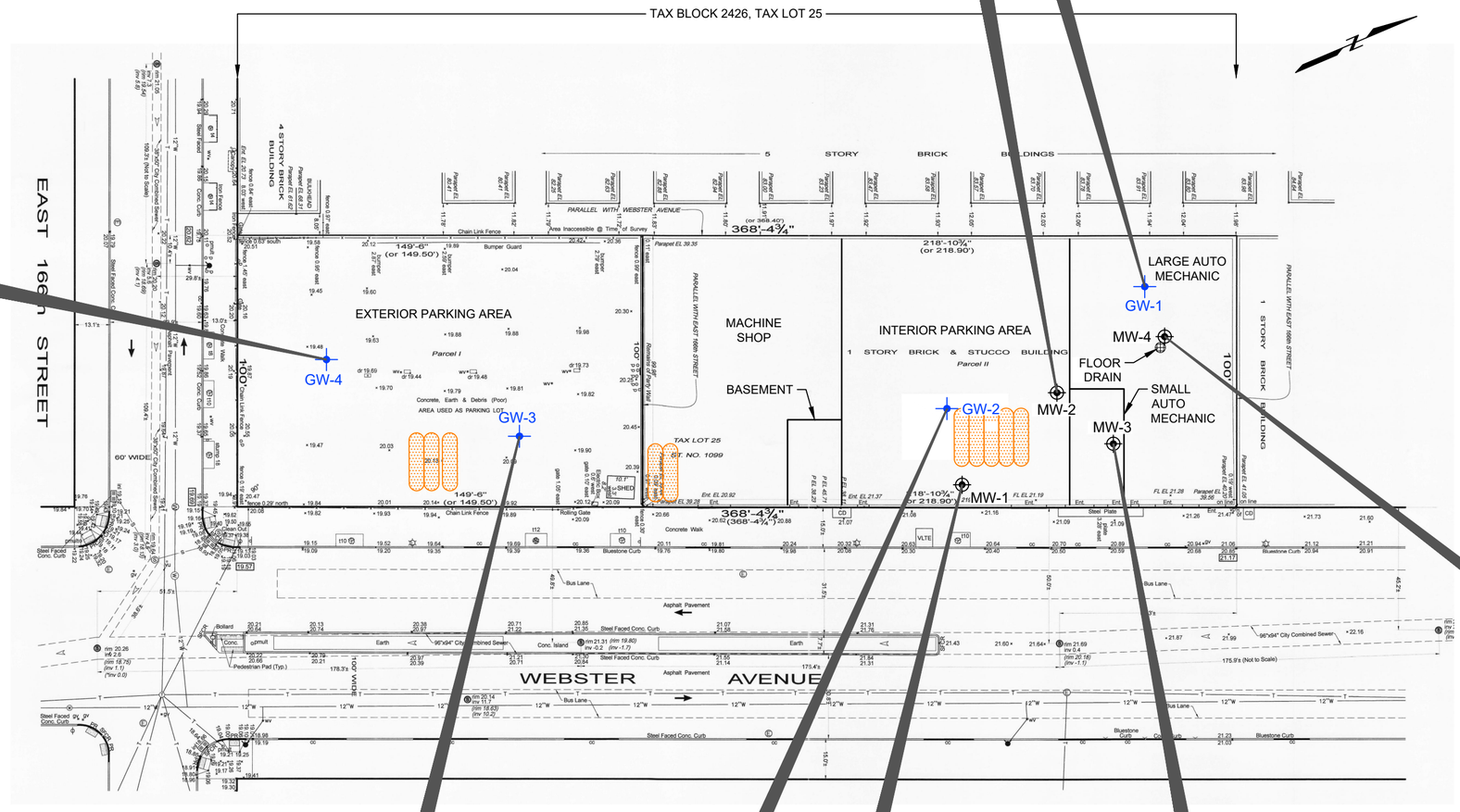
Location: / Sample Date:	MW-4 12/6/2022
Total Metals (ug/L)	
Arsenic	30.2
Beryllium	3.5
Chromium	467
Copper	339
Lead	128
Magnesium	62,100
Manganese	4,730
Nickel	210
Sodium	81,200
Thallium	1.7
Dissolved Metals (ug/L)	
Sodium	94,600
Manganese	498

Location: / Sample Date:	GW-3 5/22/2018
Total Metals (ug/L)	
Manganese	825
Sodium	65,500
Dissolved Metals (ug/L)	
Manganese	554
Sodium	65,200
PCBs (ug/L)	
Total PCBs	5.44 D

Location: / Sample Date:	GW-2 5/21/2018
SVOCs (ug/L)	
Benzo(a)anthracene	0.295
Benzo(a)pyrene	0.411
Benzo(b)fluoranthene	0.295
Benzo(k)fluoranthene	0.337
Total Metals (ug/L)	
Chromium	69.3
Copper	208
Lead	805
Manganese	1,130
Selenium	32.8
Sodium	99,200
Dissolved Metals (ug/L)	
Sodium	91,500
Selenium	39.5
PCBs (ug/L)	
Total PCBs	7.76 D

Location: / Sample Date:	MW-1 12/6/2022
Total Metals (ug/L)	
Chromium	72.7
Iron	44,900
Lead	56.4
Magnesium	41,000
Manganese	2,220
Sodium	65,000
Dissolved Metals (ug/L)	
Sodium	66,000

Location: / Sample Date:	MW-3 12/6/2022
Total Metals (ug/L)	
Iron	25,600
Lead	33.8
Magnesium	41,000
Manganese	3,280
Sodium	83,700
Dissolved Metals (ug/L)	
Sodium	83,300



0 40 80

SCALE: 1" = 40'

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
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JULY 2018 AND DECEMBER 2022 GROUNDWATER EXCEEDANCE SUMMARY

March 2023 Fig. 4

LEGEND:

- SOIL VAPOR PROBE (2022)
- SOIL VAPOR PROBE (2018)
- FLOOR DRAIN
- UST ANOMALY (2018)

Analyte	NYSDOH May 2017 Updated Soil Vapor / Indoor Air Decision Matrix Guidance
CVOCs (µg/m³)	
Tetrachloroethene	1,000 and above
Trichloroethene	60 and above

NOTES:

TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

(µg/m³): MICROGRAMS PER CUBIC METER AIR (ppb)

CVOCs: CHLORINATED VOLATILE ORGANIC COMPOUNDS.

BTEX: TOTAL BENZENE, TOLUENE, ETHYLBENZENE & XYLENE.

EXCEEDS GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN NEW YORK STATE (OCTOBER 2006) AND MAY 2017 UPDATED SOIL VAPOR / INDOOR AIR DECISION MATRIX

Sample ID:	SV-4
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	1.8
Ethylbenzene	1.2
Toluene	6.4
Xylene (total)	4.4
Total BTEX	13.8
CVOCs (µg/m³)	
Tetrachloroethene	1.0
Trichloroethene	0.19

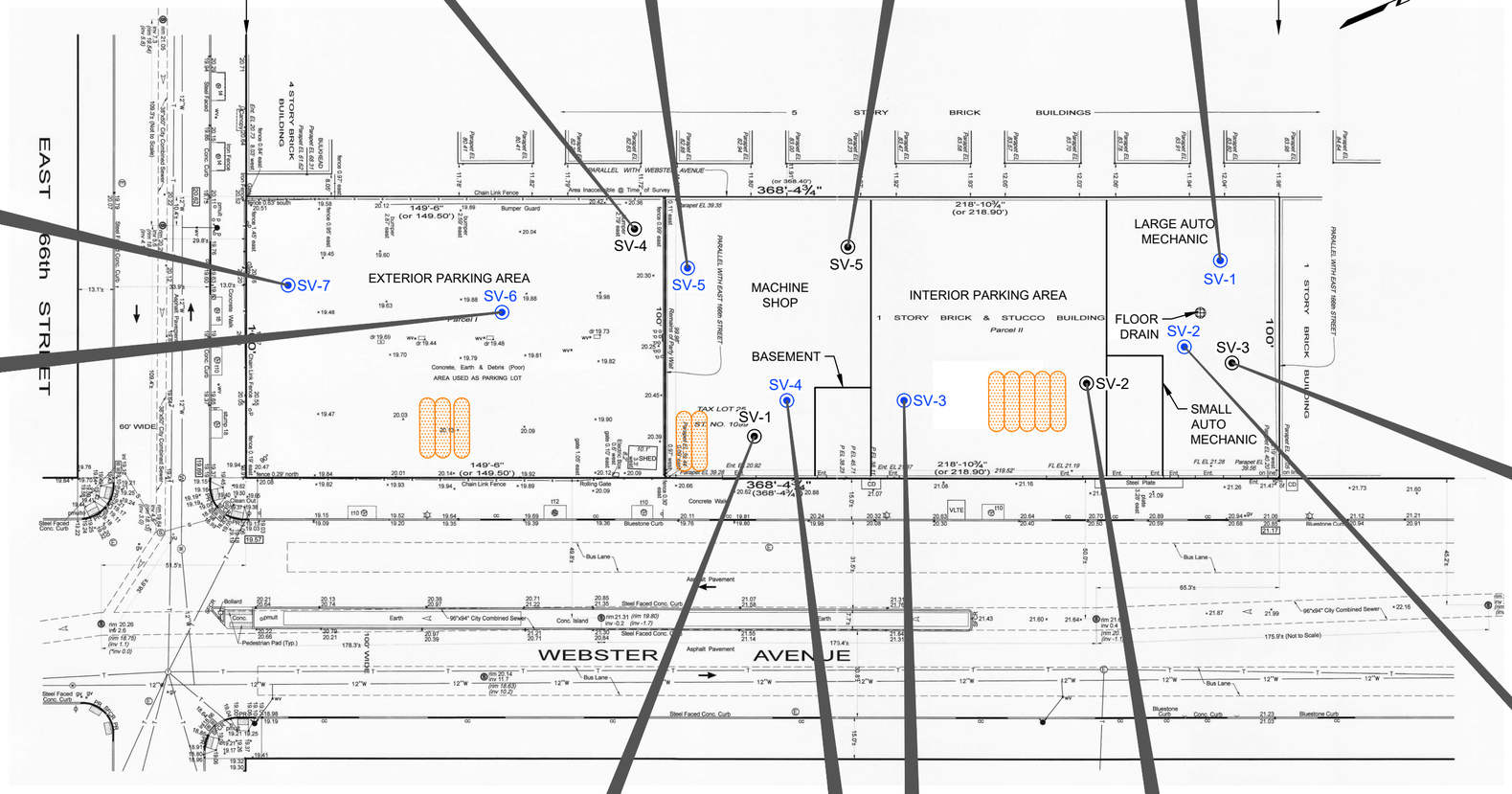
Sample ID:	SV-5
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	20
Ethylbenzene	86
Toluene	150
Xylene (total)	560
Total BTEX	816
CVOCs (µg/m³)	
Tetrachloroethene	20
Trichloroethene	12

Sample ID:	SV-5
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	1.1
Ethylbenzene	1.7
Toluene	5.1
Xylene (total)	7.0
Total BTEX	14.9
CVOCs (µg/m³)	
Tetrachloroethene	45
Trichloroethene	1.0

Sample ID:	SV-1
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	38
Ethylbenzene	100
Toluene	230
Xylene (total)	620
Total BTEX	988
CVOCs (µg/m³)	
Tetrachloroethene	200
Trichloroethene	11

Sample ID:	SV-7
Sample Matrix:	Soil Vapor
Sample Date:	5/22/2018
BTEX (µg/m³)	
Benzene	15
Ethylbenzene	88
Toluene	150
Xylene (total)	600
Total BTEX	853
CVOCs (µg/m³)	
Tetrachloroethene	62
Trichloroethene	34

Sample ID:	SV-6
Sample Matrix:	Soil Vapor
Sample Date:	5/22/2018
BTEX (µg/m³)	
Benzene	68
Ethylbenzene	58
Toluene	190
Xylene (total)	263
Total BTEX	579
CVOCs (µg/m³)	
Tetrachloroethene	1.4
Trichloroethene	1.3



Sample ID:	SV-1
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	0.61
Ethylbenzene	0.47
Toluene	2.4
Xylene (total)	0.77
Total BTEX	4.25
CVOCs (µg/m³)	
Tetrachloroethene	28
Trichloroethene	42

Sample ID:	SV-4
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	73
Ethylbenzene	140
Toluene	340
Xylene (total)	970
Total BTEX	1523
CVOCs (µg/m³)	
Tetrachloroethene	380
Trichloroethene	180

Sample ID:	SV-3
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	27
Ethylbenzene	99
Toluene	180
Xylene (total)	650
Total BTEX	956
CVOCs (µg/m³)	
Tetrachloroethene	200
Trichloroethene	390

Sample ID:	SV-2
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	83
Ethylbenzene	9.2
Toluene	150
Xylene (total)	40
Total BTEX	282.2
CVOCs (µg/m³)	
Tetrachloroethene	200
Trichloroethene	96

Sample ID:	SV-3
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	19
Ethylbenzene	170
Toluene	140
Xylene (total)	870
Total BTEX	1,199
CVOCs (µg/m³)	
Tetrachloroethene	680
Trichloroethene	56

Sample ID:	SV-2
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	22
Ethylbenzene	85
Toluene	150
Xylene (total)	570
Total BTEX	827
CVOCs (µg/m³)	
Tetrachloroethene	1,200
Trichloroethene	12

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
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0 40 80
SCALE: 1" = 40'

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JULY 2018 AND DECEMBER 2022 SOIL VAPOR BTEX, TCE, AND PCE CONCENTRATIONS AND EXEEDANCE SUMMARY

Project 2203948 | March 2023 | Fig. 5

Appendix E

Citizen Participation Plan

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Brownfield Cleanup Program

Citizen Participation Plan
for
1099 Webster Ave Redevelopment Site

December 2023

C203167
1099-1135 Webster Avenue
Bronx, NY 10456

Contents

Section	Page Number
1. What is New York's Brownfield Cleanup Program?.....	3
2. Citizen Participation Activities	3
3. Major Issues of Public Concern	9
4. Site Information	9
5. Investigation and Cleanup Process	11
Appendix A - Project Contacts and Locations of Reports and Information	15
Appendix B - Site Contact List	17
Appendix C - Site Location Map	19
Appendix D - Brownfield Cleanup Program Process.....	21

* * * * *

Note: The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site's investigation and cleanup process.

Applicant: **Webster 1099 Realty LLC ("Applicant")**
Site Name: **1099 Webster Ave Redevelopment Site ("Site")**
Site Address: **1099-1135 Webster Avenue**
Site County: **Bronx**
Site Number: **C203167**

1. What is New York's Brownfield Cleanup Program?

New York's Brownfield Cleanup Program (BCP) works with private developers to encourage the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and developed. These uses include recreation, housing, and business.

A *brownfield* is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. A brownfield, typically, is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal, and financial burdens on a community. If a brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The BCP is administered by the New York State Department of Environmental Conservation (NYSDEC) which oversees Applicants who conduct brownfield site investigation and cleanup activities. An Applicant is a person who has requested to participate in the BCP and has been accepted by NYSDEC. The BCP contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. When NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, go online at:
http://www.dec.ny.gov/chemical/8450.html .

2. Citizen Participation Activities

Why NYSDEC Involves the Public and Why It Is Important

NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites, and to enable citizens to participate more fully in decisions that affect their health, environment, and social well-being. NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision-makers form or adopt final positions.

Involving citizens affected and interested in site investigation and cleanup programs is important for many reasons. These include:

- Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment.
- Improving public access to, and understanding of, issues and information related to a particular site and that site's investigation and cleanup process.
- Providing citizens with early and continuing opportunities to participate in NYSDEC's site investigation and cleanup process.
- Ensuring that NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community.
- Encouraging dialogue to promote the exchange of information among the affected/interested public, State agencies, and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision-making.

This Citizen Participation (CP) Plan provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the site identified above.

The public information and involvement program will be carried out with assistance, as appropriate, from the Applicant.

Project Contacts

Appendix A identifies NYSDEC project contact(s) to whom the public should address questions or request information about the site's investigation and cleanup program. The public's suggestions about this CP Plan and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Locations of Reports and Information

The locations of the reports and information related to the site's investigation and cleanup program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC web-site. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

Site Contact List

Appendix B contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods.

The site contact list includes, at a minimum:

- Chief executive officer and planning board chairperson of each county, city, town, and village in which the site is located.
- Residents, owners, and occupants of the site and properties adjacent to the site.
- The public water supplier which services the area in which the site is located.
- Any person who has requested to be placed on the site contact list.
- The administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility.
- Location(s) of reports and information.

The site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

Note: The first site fact sheet (usually related to the draft Remedial Investigation (RI) Work Plan) is distributed both by paper mailing through the postal service and through DEC Delivers, its email listserv service. The fact sheet includes instructions for signing up with the appropriate county listserv to receive future notifications about the site. See http://www.dec.ny.gov/chemical/61092.html .

Subsequent fact sheets about the site will be distributed exclusively through the listserv, except for households without internet access that have indicated the need to continue to receive site information in paper form. Please advise the NYSDEC site project manager identified in Appendix A if that is the case. Paper mailings may continue during the investigation and cleanup process for some sites, based on public interest and need.

CP Activities

The table at the end of this section identifies the CP activities, at a minimum, that have been and will be conducted during the site's investigation and cleanup program. The flowchart in Appendix D shows how these CP activities integrate with the site investigation and cleanup process. The public is informed about these CP activities through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 5.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a site, and the nature and progress of efforts to investigate and clean up a site.
- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a site's investigation and cleanup.

The public is encouraged to contact project staff at any time during the site's investigation and cleanup process with questions, comments, or requests for information.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of investigation and cleanup activities. Modifications may include additions to the site contact list and changes in planned CP activities.

Technical Assistance Grant (TAG)

NYSDEC must determine if the site poses a significant threat to public health or the environment. This determination, generally, is made using information developed during the investigation of the site, as described in Section 5.

If the site is determined to be a significant threat, a qualifying community group may apply for a TAG. The purpose of a TAG is to provide funds to the qualifying group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being or enjoyment of the environment may be affected by a release or threatened

release of contamination at the site.

As of the date the declaration (page 2) was signed by the NYSDEC project manager, the significant threat determination for the site had not yet been made.

To verify the significant threat status of the site, the interested public may contact the NYSDEC project manager identified in Appendix A.

For more information about TAGs, go online at:
http://www.dec.ny.gov/regulations/2590.html

Note: The table identifying the CP activities related to the site's investigation and cleanup program follows on the next page:

Citizen Participation Activities	Timing of CP Activity(ies)
Application Process:	
• Prepare site contact list • Establish document repository(ies)	At time of preparation of application to participate in the BCP.
• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day public comment period • Publish above ENB content in local newspaper • Mail above ENB content to site contact list • Conduct 30-day public comment period	When NYSDEC determines that BCP application is complete. The 30-day public comment period begins on date of publication of notice in ENB. End date of public comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice, and notice to the site contact list should be provided to the public at the same time.
After Execution of Brownfield Site Cleanup Agreement (BCA):	
• Prepare CP Plan	Before start of RI **Note:** Applicant must submit CP Plan to NYSDEC for review and approval within 20 days of the effective date of the BCA.
Before NYSDEC Approves RI Work Plan:	
• Distribute fact sheet to site contact list about proposed RI activities and announcing 30-day public comment period about draft RI Work Plan • Conduct 30-day public comment period	Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, public comment periods will be combined, and public notice will include fact sheet. Thirty-day public comment period begins/ends as per dates identified in fact sheet.
After Applicant Completes RI:	
• Distribute fact sheet to site contact list that describes RI results	Before NYSDEC approves RI Report
Before NYSDEC Approves Remedial Work Plan (RWP):	
• Distribute fact sheet to site contact list about draft RWP and announcing 45-day public comment period • Public meeting by NYSDEC about proposed RWP (if requested by affected community or at discretion of NYSDEC project manager) • Conduct 45-day public comment period	Before NYSDEC approves RWP. Forty-five day public comment period begins/ends as per dates identified in fact sheet. Public meeting would be held within the 45-day public comment period.
Before Applicant Starts Cleanup Action:	
• Distribute fact sheet to site contact list that describes upcoming cleanup action	Before the start of cleanup action.
After Applicant Completes Cleanup Action:	
• Distribute fact sheet to site contact list that announces that cleanup action has been completed and that NYSDEC is reviewing the Final Engineering Report • Distribute fact sheet to site contact list announcing NYSDEC approval of Final Engineering Report and issuance of Certificate of Completion (COC)	At the time the cleanup action has been completed. **Note:** The two fact sheets are combined when possible if there is not a delay in issuing the COC.

3. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern that relate to the site. Additional major issues of public concern may be identified during the course of the site's investigation and cleanup process.

There are no currently identified major issues of public concern for the site, aside from contamination detected in soil, groundwater, and soil vapor during previous environmental investigations. Potable water in the area is supplied through New York City's public distribution system and the site is currently 100 percent covered with concrete and asphalt pavement. There are no water supply wells connected to the groundwater aquifer underlying or within the neighboring or general vicinity of the subject property. Therefore, the contamination to the soil and groundwater at this Site poses no significant threat to the public.

Major issues of public concern may be identified during the course of the site's investigation and cleanup process. The Site is located within an Environmental Justice Area in which a significant portion of the residents are Latin American or African-American. Furthermore, the Applicant has identified in its Scoping Sheet that the community has a large number of Spanish-speaking residents. Therefore, all fact sheets will be translated into Spanish.

For additional information, visit: https://statisticalatlas.com/tract/New-York/Bronx-County/014300/Race-and-Ethnicity

As part of the clean-up process, the Site may experience concerns from the residents regarding truck traffic on/off the Site, odor, and noise issues emanating from the Site.

4. Site Information

Appendix C contains a map identifying the location of the site.

Site Description

The 1099 Webster Ave Brownfield Redevelopment Site consists of one tax lot (Block 2426, Lot 25) and is located in an urban area of the East Concourse section of Bronx, New York. The project site is located on the western side of Webster Avenue, between East 166th Street and East 167th Street.

The project site comprises approximately 36,840 square feet. There are two single-story connected buildings on the project site encompassing approximately 21,800 gross square feet, with the balance of the lot occupied by an open-air commercial parking lot.

The site is located in an R7X residential district, with a C2-4 commercial overlay. The

surrounding uses include residential, commercial, and light industrial/manufacturing uses including offices, automotive and autobody repair and parking lots.

The property is currently utilized for commercial purposes, with tenants including an

auto garage/machine shop, an auto dealer/auto, mechanic/transmission rebuilding facility, an auto mechanic/muffler and transmission repair shop. All tenancies are on a month-to-month basis. The surrounding properties to the north, south and west are also comprised of residential districts with varying commercial overlays along Webster Avenue and East 167th Street. To the east, across Webster Avenue, there is an M1-1 district which is comprised of various mixed-use buildings, office buildings, auto-body/collision and auto repair, light industrial/manufacturing uses, and parking lots. The project site is also located within a NYS Environmental (EN) Zone (Census Tract 139), and an Empire Zone (Port Morris).

History of Site Use, Investigation, and Cleanup

Site History

Sanborn Fire Insurance Maps from 1891, 1903 and 1909 indicate the project site was undeveloped, and it is considered unlikely that the project site was developed prior to 1891. Site history indicates the current site building was constructed in the 1920s, and originally encompassed the entire lot. The southern 1/3 of the building was destroyed by fire and subsequently demolished in the late 1990s and had been used as parking lot since that time. The identified uses at the property since the early 1920s include auto repair garages, automotive machine shops, auto body repair shops, Sheffield Farms Dairy (garage, storage, and fleet repair), a retail auto parts store, restaurants, and retail stores. The Circle Dyeing and Finishing Corp., the Gotham Dyeing and Finishing Corp. and Rome Knitting Mills were identified as former owners of the project site in the New York City Department of Finance deed records reviewed.

Impacts Present or Suspected

Overall, historical usage of the site (industrial and manufacturing operations, auto repair operations, etc.) and petroleum underground storage tanks (USTs) were found to have impacted subsurface soil, groundwater, and soil vapor at the site. Widespread impacts to soil are primarily limited to metals in shallow soil. Localized soil impacts include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) (primarily polycyclic aromatic hydrocarbons [PAHs]), metals, and pesticides. VOCs and SVOCs are commonly found in fossil fuels such as gasoline, and other greases, lubricants, and solvents (used for parts cleaning in automotive work and industrial/manufacturing operations). Metals and pesticides can also be present from use at the site (such as lead from former leaded gasoline stored in USTs at the site), and sometimes from fill material used to grade the site prior to construction. Some of these chemicals have also been detected in the groundwater and soil vapor beneath the site.

Previous Environmental Activities

Previous investigations performed at the site include a *Phase I Environmental Site*

Assessment (ESA) (January 2018), a *Phase II ESA* (July 2018), and a S*upplemental Investigation* (December 2022).

The *Phase I ESA* performed in January 2018 identified past uses at the site including industrial and manufacturing operations, auto repair operations, etc.as well as known and potentially unknown petroleum USTs that have the potential to impact the soil, groundwater, and soil vapor at the site.

Based on the *Phase I ESA* findings, a *Phase II ESA* was performed in July 2018, and a *Supplemental Investigation* in December 2022, where environmental samples were collected to evaluate soil, groundwater, and soil vapor quality at the site. Results of this sampling showed that there were exceedances of petroleum compounds, solvents, metals, and pesticides over regulatory limits in soil, groundwater, and soil vapor.

To address these detections and proceed with redevelopment of the site, the site owners decided to apply to the BCP.

5. Investigation and Cleanup Process

Application

The Applicant has applied for and has been accepted into New York's BCP as a Participant. This means that the Applicant was the owner of the site at the time of the disposal or discharge of contaminants or was otherwise liable for the disposal or discharge of the contaminants. The Participant must fully characterize the nature and extent of contamination on-site, as well as the nature and extent of contamination that has migrated from the site. The Participant also must conduct a "qualitative exposure assessment," a process that characterizes the actual or potential exposures of people, fish and wildlife to contaminants on the site and to contamination that has migrated from the site.

The Applicant proposes that the site will be used for unrestricted use on the majority of the site, and restricted purposes in limited areas of the site.

To achieve this goal, the Applicant will conduct investigation and cleanup activities at the site with oversight provided by NYSDEC. The Brownfield Cleanup Agreement executed by NYSDEC and the Applicant sets forth the responsibilities of each party in conducting these activities at the site.

Investigation

The Applicant has completed a partial site investigation before it entered into the BCP. For the partial investigation, NYSDEC will determine if the data is useable.
A RI will be conducted. The site investigation has several goals:

1) Define the nature and extent of contamination in soil, groundwater, and any

other parts of the environment that may be affected.

2) Identify the source(s) of the contamination.
3) Assess the impact of the contamination on public health and the environment.
4) Provide information to support the development of a proposed remedy to address the contamination or the determination that cleanup is not necessary.

The Applicant submits a draft "Remedial Investigation Work Plan" to NYSDEC for review and approval. NYSDEC makes the draft plan available to the public review during a 30-day public comment period.

When the remedial investigation is complete, the Applicant will prepare and submit a report that summarizes the results. This report also will recommend whether cleanup action is needed to address site-related contamination. The investigation report is subject to review and approval by NYSDEC.

NYSDEC will use the information in the investigation report to determine if the site poses a significant threat to public health or the environment. If the site is a "significant threat," it must be cleaned up using a remedy selected by NYSDEC from an analysis of alternatives prepared by the Applicant and approved by NYSDEC. If the site does not pose a significant threat, the Applicant may select the remedy from the approved analysis of alternatives.

Interim Remedial Measures

An Interim Remedial Measure (IRM) is an action that can be undertaken at a site when a source of contamination or exposure pathway can be effectively addressed before the site investigation and analysis of alternatives are completed. If an IRM is likely to represent all or a significant part of the final remedy, NYSDEC will require a 30-day public comment period.

Remedy Selection

When the investigation of the site has been determined to be complete, the project likely would proceed in one of two directions:

1. The Applicant may recommend in its investigation report that no action is necessary at the site. In this case, NYSDEC would make the investigation report available for

public comment for 45 days. NYSDEC then would complete its review, make any necessary revisions, and, if appropriate, approve the investigation report. NYSDEC would then issue a "Certificate of Completion" (described below) to the Applicant.

or

The Applicant may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the Applicant may then develop a cleanup plan, officially called a "Remedial Work Plan". The Remedial Work Plan describes the Applicant's proposed remedy for addressing contamination related to the site. When the Applicant submits a draft Remedial Work Plan for approval, NYSDEC would announce the availability of the draft plan for public review during a 45-day public comment period.

Cleanup Action

NYSDEC will consider public comments, and revise the draft cleanup plan, if necessary, before approving the proposed remedy. The New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The selected remedy is formalized in the site Decision Document.

The Applicant may then design and perform the cleanup action to address the site contamination. NYSDEC and NYSDOH oversee the activities. When the Applicant completes cleanup activities, it will prepare a final engineering report that certifies that cleanup requirements have been achieved or will be achieved within a specific time frame. NYSDEC will review the report to be certain that the cleanup is protective of public health and the environment for the intended use of the site.

Certificate of Completion (COC)

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the Final Engineering Report (FER). NYSDEC then will issue a COC to the Applicant. The COC states that cleanup goals have been achieved and relieves the Applicant from future liability for site-related contamination, subject to certain conditions. The Applicant would be eligible to redevelop the site after it receives a COC.

Site Management

The purpose of site management is to ensure the safe reuse of the property if contamination will remain in-place. Site management is the last phase of the site cleanup program. This phase begins when the COC is issued. Site management incorporates any institutional and engineering controls required to ensure that the

remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction, that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses.

An *engineering control* is a physical barrier or method to manage contamination. Examples include caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that pumps and treats groundwater. Site management continues until NYSDEC determines that it is no longer needed.

Appendix A

Project Contacts and Locations of Reports and Information

Project Contacts

For information about the site's investigation and cleanup program, the public may contact any of the following project staff:

New York State Department of Environmental Conservation:

Shawn Roberts
Project Manager
NYSDEC Region 3
Division of Environmental Remediation
625 Broadway
Albany, NY
12233
518-402-9799
Shawn.roberts@d
ec.ny.gov

Thomas Panzone
Public Participation Specialist
Division of Communications
Education and Engagement
NYSDEC Region 2
Hunter's Point Plaza
47-40 21st Street
Long Island City, NY 11101 718-
482-4953
Thomas.panzone@dec.ny.gov

New York State Department of Health:
Christine Vooris
Project Manager NYSDOH
Bureau of Environmental Exposure
Investigation Empire State Plaza Corning
Tower Room 1787
Albany, NY 12237
Phone: (518) 402-7860
E-mail: beei@health.ny.gov

Locations of Reports and Information

The facilities identified below are being used to provide the public with convenient access to important project documents:

Morrisania Library
The New York Public Library
610 East 169th Street
Bronx, New York 10456
Attn: Colbert Nembhard
morrisanialibrary@nypl.org
Phone: 718-589-9268

Hours:
Monday 10 AM–7 PM
Tuesday 10 AM–7 PM
Wednesday 10 AM–7 PM
Thursday 10 AM–7 PM
Friday 10 AM–5 PM
Saturday 10 AM–5 PM
Sunday Closed

Bronx Community Board 4
1650 Selwyn Avenue, Suite 11A
Bronx, New York 10457
718 299-0800

Office Hours:
9:00 AM to 5:00 PM | Mon.-Fri.
Email: bx04@cb.nyc.gov
Thomas Alexander - District Manager
Mr. Jackson Strong - Housing & Land Use Committee Chairperson
Chairperson: Robert Garmendiz

For the NYSDEC Info Locator Site, go online at: https://gisservices.dec.ny.gov/gis/dil/

Appendix B

Site Contact List

	A	B	C	D	E	F	G	H	I	J
1										
2	Site Contact List									
3	Site #: C203167		Site Address: 1099 Webster Avenue							
4	Site Name: 1099 Webster Avenue Redevelopment Site			List Last Updated: 12-1-23						
5		Name, Title	Address 1	Address 2	Address 3	Street Address	City	State	Zip	Site Name (County)
6	Local Government Officials	Hon. Eric Adams	NYC Mayor			City Hall	New York	NY	10007	1099 Webster Avenue Redevelopment Site (Bronx)
7		Hon. Brad Lander	NYC Comptroller			1 Centre Street	New York	NY	10007	1099 Webster Avenue Redevelopment Site (Bronx)
8		Hon. Jumaane Williams	Public Advocate			1 Centre Street 15th Floor North	New York	NY	10007	1099 Webster Avenue Redevelopment Site (Bronx)
9		David Gold, Esq.	Commissioner, NYC Dept. of City Planning			120 Broadway, 31st Floor	New York	NY	10271	1099 Webster Avenue Redevelopment Site (Bronx)
10	Public Water Supplier	Rohit Aggarwala	Commissioner, NYC Dept. of Environmental Protection			59-17 Junction Boulevard	Flushing	NY	11373	1099 Webster Avenue Redevelopment Site (Bronx)
11		Mark McIntyre, Acting Director/General Counsel	NYC Office of Environmental Remediation			100 Gold Street - 2nd Floor	New York	NY	10038	1099 Webster Avenue Redevelopment Site (Bronx)
12		Hon. Vanessa L. Gibson	Bronx Borough President			851 Grand Concourse, 301,	Bronx	NY	10451	1099 Webster Avenue Redevelopment Site (Bronx)
13		Shawn Roberts	NYSDEC Project Manager			625 Broadway	Albany	NY	12233	1099 Webster Avenue Redevelopment Site (Bronx)
14		Thomas V. Panzone	NYSDEC Public Participation Specialist			47-40 21st Street	Long Island City	NY	11101	1099 Webster Avenue Redevelopment Site (Bronx)
15		Christine Vooris	NYSDOH Public Health Specialist		Empire State Plaza	Corning Tower, Room 1787	Albany	NY	12237	1099 Webster Avenue Redevelopment Site (Bronx)
16		Hon Charles Schumer	U.S. Senator			780 Third Avenue, Suite 2301	New York	NY	10017	1099 Webster Avenue Redevelopment Site (Bronx)
17		Hon. Kirsten Gillibrand	U.S. Senator			780 Third Avenue, Suite 2601	New York	NY	10017	1099 Webster Avenue Redevelopment Site (Bronx)
18		Hon. Richie Torres	U.S. House of Representatives			540 East Fordham Road Suite 2A	Bronx	NY	10458	1099 Webster Avenue Redevelopment Site (Bronx)
19		Hon. Althea Stevens	NYC Councilmember			1377 Jerome Avenue	Bronx	NY	10452	1099 Webster Avenue Redevelopment Site (Bronx)
20		Hon. Luis Sepulveda	NYS Senator			900 Rogers Place	Bronx	NY	10459	1099 Webster Avenue Redevelopment Site (Bronx)
21		Hon. Latoya Joyner	NYS Assemblymember			910 Grand Concourse Suite 1JK	Bronx	NY	10451	1099 Webster Avenue Redevelopment Site (Bronx)
22	Community Board	District Manager: Thomas Alexander	Bronx Community Board 4			1650 Selwyn Avenue, Suite 11A	Bronx	NY	10457	1099 Webster Avenue Redevelopment Site (Bronx)
23		Chairperson: Mr. Robert Garmendiz	Bronx Community Board 4			1650 Selwyn Avenue, Suite 11A	Bronx	NY	10457	1099 Webster Avenue Redevelopment Site (Bronx)
24		Housing & Land Use Committee Chairperson - Mr. Jackson Strong	Bronx Community Board 4			1650 Selwyn Avenue, Suite 11A	Bronx	NY	10457	1099 Webster Avenue Redevelopment Site (Bronx)
25	County Clerk	Ischia Bravo	Bronx County Clerk			851 Grand Concourse Room 118	Bronx	NY	10451	1099 Webster Avenue Redevelopment Site (Bronx)
26	Consolidated Edison	Evelyn Oliver	Consolidated Edison Corporate Affairs			511 Theodore Fremd Avenue	Rye	NY	10580	1099 Webster Avenue Redevelopment Site (Bronx)
27	NYPD	Mrs. Mildred James, President	44th NYPD Police Precinct Community Council			2 East 169 Street	Bronx	NY	10452	1099 Webster Avenue Redevelopment Site (Bronx)
28	FDNY	Engine 92/Ladder 44/Battalion 17	FDNY			1259 Morris Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
29	FDNY	Engine 50, Ladder 19, Battalion 26	FDNY			1155 Washington Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
30	Local Media Outlets	New York Daily News				PO Box 7180	New York	NY	10008	1099 Webster Avenue Redevelopment Site (Bronx)
31		New York Post				1211 Avenue of the Americas	New York	NY	10036	1099 Webster Avenue Redevelopment Site (Bronx)
32		Spectrum NY 1 News				75 Ninth Avenue	New York	NY	10011	1099 Webster Avenue Redevelopment Site (Bronx)
33		Bronx Times				3602 East Tremont Avenue, Suite 205	Bronx	NY	10465	1099 Webster Avenue Redevelopment Site (Bronx)
34		Hoy Nueva York				Impremedia, 41 Flatbush Avenue 1st Floor	Brooklyn	NY	11217	1099 Webster Avenue Redevelopment Site (Bronx)
35		El Diario La Prensa				Impremedia, 41 Flatbush Avenue 1st Floor	Brooklyn	NY	11217	1099 Webster Avenue Redevelopment Site (Bronx)
36	School and Daycare Facilities	P.S. 53 The Basheer Qusim School	President/Executive Director/Principal	https://www.ps53.org/	718-681-7276	360 E 168th St	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
37		X443 The Family School	President/Executive Director/Principal	https://ps443.org/	718-538-3266	1116 Sheridan Ave Suite 211	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
38		Grant Avenue Elementary School	President/Executive Director/Principal		718) 681-6288	250 E 164th St	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
39		Success Academy Charter School Bronx 2 Middle School	President/Executive Director/Principal	https://www.successacademies.org/school/bronx-2-middle-school/	646-558-0038	270 E 167th St 2nd Floor	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
40		I.S. 339	President/Executive Director/Principal	https://is339.org/	718-583-6767 ext. 2463	1600 Webster Avenue	Bronx	NY	10457	1099 Webster Avenue Redevelopment Site (Bronx)
41		I.S. 313 School of Leadership Development	President/Executive Director/Principal			1600 Webster Avenue	Bronx	NY	10457	1099 Webster Avenue Redevelopment Site (Bronx)
42		I.S. 219 New Venture School @ Charles Drew Educational Campus	President/Executive Director/Principal			3630 3rd Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
43		Bronx Early College Academy	President/Executive Director/Principal	https://www.beca324.org/	718-681-8287	250 East 164th Street	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
44		Ready Set Learn Childcare Center	President/Executive Director/Principal	https://readysetlearn.nyc/	718-665-1234	3467 3rd Ave	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
45		South Bronx Classical Charter School III	President/Executive Director/Principal	https://classicalcharterschools.org/schools/south-bronx-classical-iii/	929-285-3025	3458 Third Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
46		Choose Happiness Daycare	President/Executive Director/Principal	https://choose-happiness-daycare.business.site/	718-293-3134	1052 Findlay Avenue #2B	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
47		Family Life Academy Charter School Middle School	President/Executive Director/Principal	https://www.flacsnyc.com/	718-588-0679	316 East 165th Street	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
48		Harriet Tubman Charter School Elementary School	President/Executive Director/Principal	https://www.htcsbronx.org/	718-537-9912	3565 3rd Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
49		Harriet Tubman Charter School Junior Academy School	President/Executive Director/Principal	https://www.htcsbronx.org/	718-991-4181	1176 Franklin Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
50		South Bronx Community Charter School	President/Executive Director/Principal	https://southbronxcommunity.org/	929-579-0025	1110 Washington Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
51		X404 School for Excellence	President/Executive Director/Principal	https://schoolforexcellence.net/	718-860-1385	1110 Boston Road	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
52		Success Academy Charter School - Bronx 3 Elementary	President/Executive Director/Principal			1000 Teller Ave	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
53		New Pathways Academy	President/Executive Director/Principal	https://newpathwaysacademy.org/	718-588-8263	1000 Teller Ave 3rd Floor	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
54		New Millennium Bronx Academy of the Arts	President/Executive Director/Principal	https://www.bronxacademyofthearts.com/	718-588-8308	1000 Teller Ave	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
55	Community, Civic, Religious and Other Environmental Organizations									
56		The Universal Church				1227 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
57		La Iglesia Del Bronx, La Hermosa				1099 Morris Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
58		Missionary Church of Christ				937 Teller Avenue	Bronx	NY	10451	1099 Webster Avenue Redevelopment Site (Bronx)
59		Community Church of Morrisania				1325 Teller Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
60		Gospel Hill Baptist Church				3265 3rd Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
61		New Seson Christian Center				937 Teller Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
62		Bronx Refuge Church of Christ				1044 Washington Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
63		Nazareth Baptist Church				490 East 165th	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
64		The Redeemed Christian Church of God, Chapel of Restoration				1005 Morris Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
65		Bronx Land Trust	Ramon Andino - President	https://www.bronxlandtrust.org/board-of-directors		972 Sherman Avenue Suite 2G	New York	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
66		Revitalize Claremont Park	https://www.bronxisblooming.org/upcomingevents/revitalize-claremont-park-2-ahc9e-t2yr5-dzwkz-6f36s-dz3hj-8n45n-w9cp	info@bronxisblooming.org	Jennifer Beaugrand - Founder & Executive Director	Andrew Freeman Home 1125 Grand Concourse	Bronx	NY	10452	1099 Webster Avenue Redevelopment Site (Bronx)
67		Islamic Cultural Center of the Bronx				371 East 166th Street	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
68		Evangelical Church of God				1205 Washington Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
69		Pentecostal Church Christ Followers				3291 3rd Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
70		Claremont Homeowners & Tenants Civic Improvement		chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.nyc.gov/assets/bronxcb4/downloads/pdf/cbo_list.pdf		1325 Teller Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
71		Clay Avenue Tenants Association		chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.nyc.gov/assets/bronxcb4/downloads/pdf/cbo_list.pdf		1236 Clay Avenue, Suite 2C	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
72		Bronx Jewish Community Council		chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.nyc.gov/assets/bronxcb4/downloads/pdf/cbo_list.pdf		1175 Findlay Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
73		R.A.I.N. College Avenue Senior Center		chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.nyc.gov/assets/bronxcb4/downloads/pdf/cbo_list.pdf		1020 College Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
74	Adjacent Properties	Webster 1099 Realty LLC				2432 Grand Concourse	Bronx	NY	10458	1099 Webster Avenue Redevelopment Site (Bronx)
75		Five Star Machine Shop				1099-1115 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
76		J&J Machine Shop				1119 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
77		Vicente Amparo				1135 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
78		Resident/Business Owner				1149 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
79		Resident/Business Owner				1155 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
80		Resident/Business Owner				1100-1102 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
81		Resident/Business Owner				1110 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
82		Resident/Business Owner				1135 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
83		Resident/Business Owner				1150 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
84		Resident/Business Owner				1154 Webster Avenue	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
85		Resident/Business Owner				381 E 166th St	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
86		Resident/Business Owner				1100 Clay Ave	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
87		Resident/Business Owner				1104 Clay Ave	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
88		Resident/Business Owner				1120 Clay Ave	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
89		Resident/Business Owner				1124 Clay Ave	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
90		Resident/Business Owner				1132 Clay Ave	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
91		Resident/Business Owner				1140 Clay Ave	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
92		Resident/Business Owner				390 E 167th St	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)
93		Resident/Business Owner				396 E 167th St	Bronx	NY	10456	1099 Webster Avenue Redevelopment Site (Bronx)

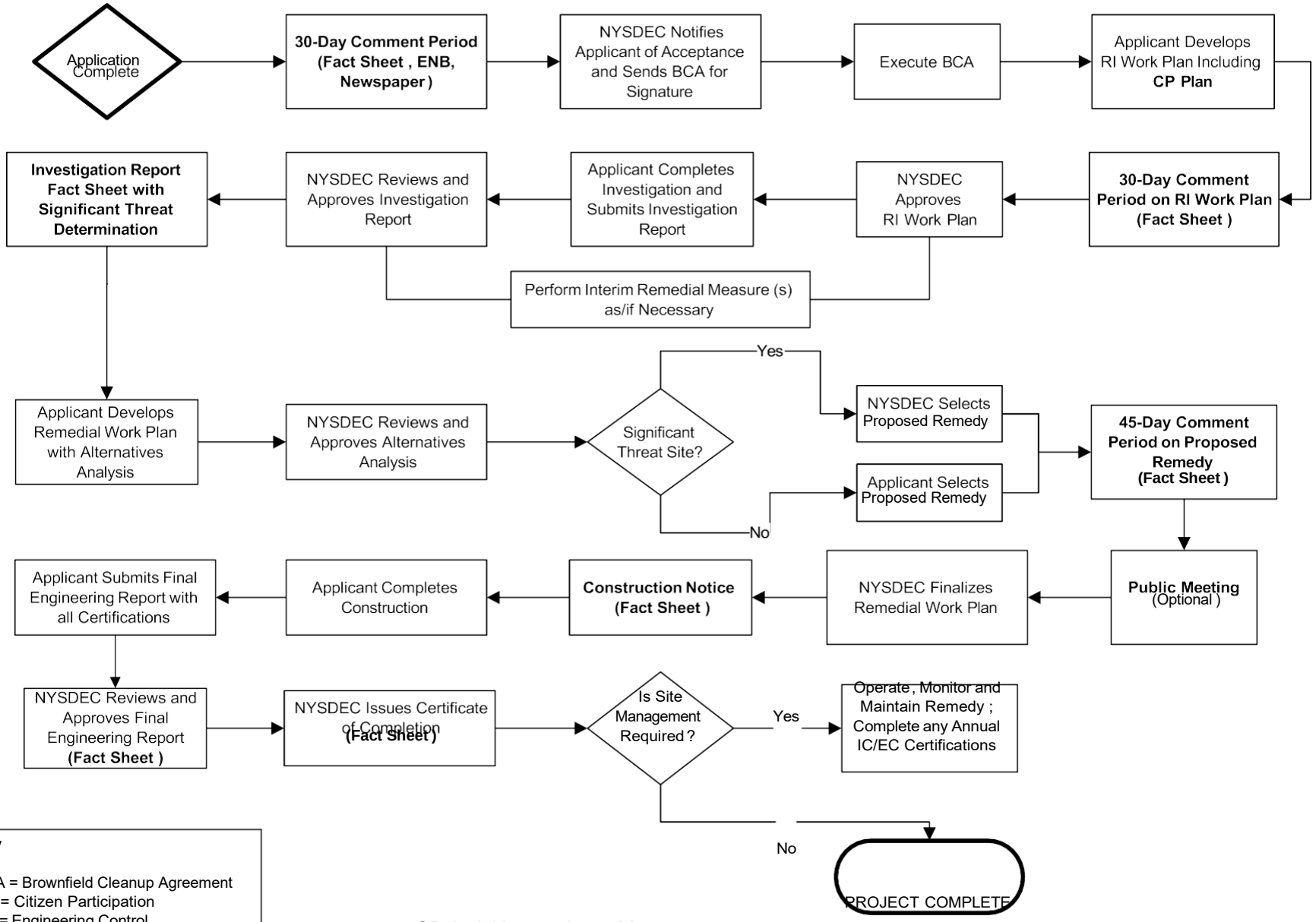
Appendix C

Site Location Map



Figure 1
1099 Webster Ave, Bronx, NY 10456
Block 2426, Lot 25

Appendix D
Brownfield Cleanup Program Process



Key

BCA = Brownfield Cleanup Agreement
CP = Citizen Participation
EC = Engineering Control
ENB = Environmental Notice Bulletin
IC = Institutional Control
RI = Remedial Investigation

Note: CP Activities are in **Bold**

Division of Environmental Remediation

Remedial Programs
Scoping Sheet for Major Issues of Public Concern

Instructions

This Scoping Sheet assesses major issues of public concern; impacts of the site and its remedial program on the community; community interest in the site; information the public needs; and information needed from the public.

The information generated helps to plan and conduct required citizen participation (CP) activities, and to choose and conduct additional CP activities, if appropriate. The scoping sheet can be revisited and updated as appropriate during the site's remedial process to more effectively implement the site's CP program.

Note: Use the information as an aid to prepare and update the Major Issues of Public Concern section of the site CP Plan.

General Instructions

- When to prepare: During preparation of the CP Plan for the site. It can be revisited and updated anytime during the site remedial process.
- Fill in site name and other information as appropriate.
- The Scoping Sheet may be prepared by DEC or a remedial party but must be reviewed and approved by the DER site project manager or his/her designee.

Instructions for Numbered Parts

Consider the bulleted issues and questions below and any others that may be unique or appropriate to the site and the community to help complete the five Parts of this Scoping Sheet. Identify the issue stakeholders in Parts 1 through 3 and adjust the site's contact list accordingly.

Part 1. List Major Issues of Public Concern and Information the Community Wants.

- Is our health being impacted? (e.g., Are there problems with our drinking water or air? Are you going to test our water, yards, sumps, basements? Have health studies been done?)
- There are odors in the neighborhood. Do they come from the site and are they hazardous?
- Are there restrictions on what we may do (e.g., Can our children play outside? Can we garden? Must we avoid certain areas? Can we recreate (fish, hunt, hike, etc. on/around the site?)
- How and when were the site's contamination problems created?
- What contaminants are of concern and why? How will you look for contamination and find out where it is going? What is the schedule for doing that?
- The site is affecting our property values!
- How can we get more information (e.g., who are the project contacts?)
- How will we be kept informed and involved during the site remedial process?
- Who has been contacted in the community about site remedial activities?
- What has been done to this point? What happens next and when?
- The site is going to be cleaned up for restricted use. What does that mean? We don't want redevelopment on a "dirty" site.

Part 2. List Important Information Needed From the Community, if Applicable.

- Can the community supplement knowledge about past/current uses of the site?
- Does the community have knowledge that the site may be significantly impacting nearby people, properties, natural resources, etc.?
- Are activities currently taking place at the site or at nearby properties that may need to be restricted?
- Who may be interested or affected by the site that has not yet been identified?
- Are there unique community characteristics that could affect how information is exchanged?
- Does the community and/or individuals have any concerns they want monitored?
- Does the community have information about other sources in the area for the contamination?

Part 3. List Major Issues and Information That Need to be Communicated to the Community.

- Specific site investigation or remediation activities currently underway, or that will begin in the near future.
- The process and general schedule to investigate, remediate and, if applicable, redevelop the site.
- Current understanding about the site contamination and effects, if any, on public health and the environment.
- Site impacts on the community and any restrictions on the public's use of the site and/or nearby properties.
- Planned CP activities, their schedule, and how they relate to the site's remedial process.
- Ways for the community to obtain/provide information (document repositories, contacts, etc.).

Part 4. Community Characteristics

a. - e. Obtain information from local officials, property owners and residents, site reports, site visits, "windshield surveys," other staff, etc.

f. Has the affected community experienced other **significant** present or past environmental problems unrelated to this site? Such experiences could significantly affect public concerns and perspectives about the site; how the community will relate to project staff; the image and credibility of project staff within the community; and the ways in which project staff communicate with the community.

g. In its remedial programs, DER seeks to integrate, and be consistent with, environmental justice principles set forth in *DEC Commissioner Policy 29 on Environmental Justice* and *DER 23 – Citizen Participation Handbook for Remedial Programs*. Is the site and/or affected community wholly or partly in an Environmental Justice (EJ) Area? Use the Search feature on DEC's public web site for "environmental justice". DEC's EJ pages define an EJ area, and link to county maps to help determine if the site and/or community are in an EJ area.

h. Consider factors such as:

- Is English the primary language of the affected community? If not, provisions should be considered regarding public outreach activities such as fact sheets, meetings, door-to-door visits and other activities to ensure their effectiveness.
- The age demographics of the community. For example, is there a significant number of senior citizens in the community? It may be difficult for some to attend public meetings and use document repositories. This may suggest adopting more direct interaction with the community with activities such as door-to-door visits, additional fact sheets, visits to community and church centers, nursing homes, etc.
- How do people travel about the community? Would most people drive to a public meeting or document repository? Is there adequate public transportation?

Part 5. Affected/Interested Public.

Individuals and organizations who need or want information and input can change during the site's remedial process. This need is influenced by real, potential, or perceived impacts of the site or the remedial process. Some people may want information and input throughout the remedial process. Others may participate only during specific remedial stages, or may only be interested in particular issues.

It is important to revisit this question when reviewing this scoping sheet. Knowing who is interested in the site – and the issues that are important to them – will help to select and conduct appropriate outreach activities, and to identify their timing and the information to be exchanged.

Check all affected/interested parties that apply to the site. **Note: Adjust the site's contact list appropriately.** The following are some ways to identify affected/interested parties:

- Tax maps of adjacent property owners
- Attendees at public meetings
- Telephone discussions
- Letters and e-mails to DER, the remedial party, and other agencies
- Political jurisdictions and boundaries
- Media coverage
- Current/proposed uses of site and/or nearby properties (recreational, commercial, industrial)
- Discussions with community organizations: grass roots organizations, local environmental groups, environmental justice groups, churches, and neighborhood advisory groups

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Division of Environmental Remediation

Remedial Programs
Scoping Sheet for Major Issues of Public Concern (see instructions)

Site Name: 1099 Webster Avenue Redevelopment Site

Site Number: C203167

Site Address and County: 1099-1135 Webster Avenue, Bronx, New York

Remedial Party(ies): Webster 1099 Realty LLC

Note: For Parts 1. – 3., the individuals, groups, organizations, businesses and units of government identified should be added to the site contact list as appropriate.

Part 1. List major issues of public concern and information the community wants. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and information needs. **Use this information as an aid to prepare or update the Major Issues of Public Concern section of the site Citizen Participation Plan.**

To ensure that contamination beneath the site is not migrating offsite through groundwater or soil vapor and potentially exposing members of the community.
To ensure that contamination beneath the site is addressed and will not impact the community members who seek to utilize the newly developed building and amenities.
Other major issues of public concern may be identified during the course of the site's cleanup process. As part of the clean-up process, the site may experience concerns from the residents regarding truck traffic on/off the site, odor, and noise issues emanating from the site.

How were these issues and/or information needs identified?

Phase II Environmental Site Assessment and Supplemental Site Investigation were performed to identify major issues of public concern.

Part 2. List important information needed **from** the community, if applicable. Identify individuals, groups, organizations, businesses and/or units of government related to the information needed.

N/A

How were these information needs identified?

N/A

Part 3. List major issues and information that need to be communicated **to** the community. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and/or information.

The NYC Public Library-Morrisania Branch and the Bronx Community Board District 4 are the established document repositories for this project and will have documents available to the community for review throughout the project's timeline. Major issues will be proper disposal of contaminated soil and treatment of site groundwater.

How were these issues and/or information needs identified?

These issues were identified during the Phase II Environmental Site Assessment and Supplemental Site Investigation and will be further refined as needed during the Remedial Investigation.

Part 4. Identify the following characteristics of the affected/interested community. This knowledge will help to identify and understand issues and information important to the community, and ways to effectively develop and implement the site citizen participation plan (mark all that apply):

a. Land use/zoning at and around site:
X **Residential** ☐ **Agricultural** ☐ **Recreational** X **Commercial** X **Industrial**

b. Residential type around site:
X **Urban** ☐ **Suburban** ☐ **Rural**

c. Population density around site:
X **High** ☐ **Medium** ☐ **Low**

d. Water supply of nearby residences:
X **Public** ☐ **Private Wells** ☐ **Mixed**

e. Is part or all of the water supply of the affected/interested community currently impacted by the site?
☐ **Yes** X **No**
Provide details if appropriate:
The site and future construction will continue to be served by the municipal water supply.

f. Other environmental issues significantly impacted/impacting the affected community?
☐ **Yes** X **No**
Provide details if appropriate:
None known.

g. Is the site and/or the affected/interested community wholly or partly in an Environmental Justice Area?
X **Yes** ☐ **No**

h. Special considerations:
X **Language** ☐ **Age** ☐ **Transportation** ☐ **Other**
Explain any marked categories in **h:**
Fact Sheets will be translated into Spanish.

Part 5. The site contact list must include, at a minimum, the individuals, groups, and organizations identified in the instructions for **Part 5.** Are other individuals, groups, organizations, and units of government affected by, or interested in, the site, or its remedial program? (Mark and identify all that apply, then adjust the site contact list as appropriate.)

☐ **XNon-Adjacent Residents/Property Owners:** None currently identified.
☐ **XLocal Officials:** Included in contact lis.t
☐ **XMedia:** Local media included in contact list.
☐ **Business/Commercial Interests:** None currently identified.
☐ **Labor Group(s)/Employees:** None currently identified.
☐ **Indian Nation:** None currently identified.
☐ **XCitizens/Community Group(s):** None currently identified.
☐ **Environmental Justice Group(s):** None currently identified.
☐ **XEnvironmental Group(s):** None currently identified.
☐ **XCivic Group(s):** None currently identified.
☐ **Recreational Group(s):** None currently identified.
☐ **Other(s):** None currently identified.

Prepared/Updated By: Wendy Monterosso. **Date:** 8/10/2023.

Reviewed/Approved By: Thomas V. Panzone **Date: 12-1-23**.

Appendix F

SEFA Analysis

Environmental Footprint Summary

Core Element	Metric		Unit of Measure	Footprint	
				Soil Excavation	Total
Materials & Waste	M&W-1	Refined materials used on-site	Tons	0.0	0.0
	M&W-2	% of refined materials from recycled or reused material	%		
	M&W-3	Unrefined materials used on-site	Tons	0.000	0.0
	M&W-4	% of unrefined materials from recycled or reused material	%		
	M&W-5	On-site hazardous waste disposed of off-site	Tons	0.0	0.0
	M&W-6	On-site non-hazardous waste disposed of off-site	Tons	6,000.0	6,000.0
	M&W-7	Recycled or reused waste	Tons	0.0	0.0
	M&W-8	% of total potential waste recycled or reused	%	0.0%	0.0%
Water (used on-site)	W-1	Public water use	MG	0.0	0.0
	W-2	Groundwater use	MG	0.0	0.0
	W-3	Surface water use	MG	0.0	0.0
	W-4	Reclaimed water use	MG	0.0	0.0
	W-5	Storm water use	MG	0.0	0.0
	W-6	User-defined water resource #1	MG	0.0	0.0
	W-7	User-defined water resource #2	MG	0.0	0.0
	W-8	Wastewater generated	MG	0.0	0.0
Energy	E-1	Total energy used (on-site and off-site)	MMBtu	3,084.2	3,084.2
	E-2	Energy voluntarily derived from renewable resources			
	E-2A	On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	0.0	0.0
	E-2B	Voluntary purchase of renewable electricity	MWh	0.0	0.0
	E-3	Voluntary purchase of RECs	MWh	0.0	0.0
	E-4	On-site grid electricity use	MWh	0.000	0.0
Air	A-1	On-site NOx, SOx, and PM emissions	Pounds	2,011.5	2,011.5
	A-2	On-site HAP emissions	Pounds	0.1	0.1
	A-3	Total NOx, SOx, and PM emissions	Pounds	6,501.2	6,501.2
	A-3A	Total NOx emissions	Pounds	3,205.9	3,205.9
	A-3B	Total SOx emissions	Pounds	797.9	797.9
	A-3C	Total PM emissions	Pounds	2,497.3	2,497.3
	A-4	Total HAP emissions	Pounds	47.5	47.5
	A-5	Total greenhouse gas emissions	Tons CO2e*	247.3	247.3
Land & Ecosystems	Qualitative Description				

** Total greenhouse gases emissions (in CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.*
"MMBtu" = millions of Btus
"MG" = millions of gallons
"CO2e" = carbon dioxide equivalents of global warming potential
"MWh" = megawatt hours (i.e., thousands of kilowatt-hours or millions of Watt-hours)
"Tons" = short tons (2,000 pounds)

metrics are consistent with

Notes:

Environmental Footprint Summary

Core Element	Metric		Unit of Measure	Footprint			
				Soil Excavation	SSDS Installation	SVE Installation	Total
Materials & Waste	M&W-1	Refined materials used on-site	Tons	0.0	0.2	0.1	0.2
	M&W-2	% of refined materials from recycled or reused material	%		33.3%	33.3%	33.3%
	M&W-3	Unrefined materials used on-site	Tons	0.000	0.000	0.000	0.0
	M&W-4	% of unrefined materials from recycled or reused material	%				
	M&W-5	On-site hazardous waste disposed of off-site	Tons	0.0	0.0	0.0	0.0
	M&W-6	On-site non-hazardous waste disposed of off-site	Tons	6,000.0	0.0	0.0	6,000.0
	M&W-7	Recycled or reused waste	Tons	0.0	0.0	0.0	0.0
	M&W-8	% of total potential waste recycled or reused	%	0.0%			0.0%
Water (used on-site)	W-1	Public water use	MG	0.0	0.0	0.0	0.0
	W-2	Groundwater use	MG	0.0	0.0	0.0	0.0
	W-3	Surface water use	MG	0.0	0.0	0.0	0.0
	W-4	Reclaimed water use	MG	0.0	0.0	0.0	0.0
	W-5	Storm water use	MG	0.0	0.0	0.0	0.0
	W-6	User-defined water resource #1	MG	0.0	0.0	0.0	0.0
	W-7	User-defined water resource #2	MG	0.0	0.0	0.0	0.0
	W-8	Wastewater generated	MG	0.0	0.0	0.0	0.0
Energy	E-1	Total energy used (on-site and off-site)	MMBtu	3,084.2	299.5	247.0	3,630.7
	E-2	Energy voluntarily derived from renewable resources					
	E-2A	On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	0.0	0.0	0.0	0.0
	E-2B	Voluntary purchase of renewable electricity	MWh	0.0	0.0	0.0	0.0
	E-3	Voluntary purchase of RECs	MWh	0.0	0.0	0.0	0.0
	E-4	On-site grid electricity use	MWh	0.000	0.000	0.000	0.0
Air	A-1	On-site NOx, SOx, and PM emissions	Pounds	2,011.5	174.3	174.3	2,360.2
	A-2	On-site HAP emissions	Pounds	0.1	0.0	0.0	0.1
	A-3	Total NOx, SOx, and PM emissions	Pounds	6,501.2	538.5	522.1	7,561.7
	A-3A	Total NOx emissions	Pounds	3,205.9	289.7	276.7	3,772.3
	A-3B	Total SOx emissions	Pounds	797.9	211.3	209.4	1,218.6
	A-3C	Total PM emissions	Pounds	2,497.3	37.5	36.0	2,570.8
	A-4	Total HAP emissions	Pounds	47.5	27.3	24.9	99.7
	A-5	Total greenhouse gas emissions	Tons CO2e*	247.3	22.6	18.9	288.7
Land & Ecosystems	Qualitative Description						

** Total greenhouse gases emissions (in CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.*
"MMBtu" = millions of Btus
"MG" = millions of gallons
"CO2e" = carbon dioxide equivalents of global warming potential
"MWh" = megawatt hours (i.e., thousands of kilowatt-hours or millions of Watt-hours)
"Tons" = short tons (2,000 pounds)

for Understanding and Reducing a Project's Environmental Footprint (EPA 542-R-12-002), February

Notes:

Environmental Footprint Summary

Core Element	Metric		Unit of Measure	Footprint			
				Soil Excavation	SSDS Installation	SVE Installation	Total
Materials & Waste	M&W-1	Refined materials used on-site	Tons	0.0	0.2	0.1	0.2
	M&W-2	% of refined materials from recycled or reused material	%		33.3%	33.3%	33.3%
	M&W-3	Unrefined materials used on-site	Tons	0.000	0.000	0.000	0.0
	M&W-4	% of unrefined materials from recycled or reused material	%				
	M&W-5	On-site hazardous waste disposed of off-site	Tons	0.0	0.0	0.0	0.0
	M&W-6	On-site non-hazardous waste disposed of off-site	Tons	5,000.0	0.0	0.0	5,000.0
	M&W-7	Recycled or reused waste	Tons	0.0	0.0	0.0	0.0
	M&W-8	% of total potential waste recycled or reused	%	0.0%			0.0%
Water (used on-site)	W-1	Public water use	MG	0.0	0.0	0.0	0.0
	W-2	Groundwater use	MG	0.0	0.0	0.0	0.0
	W-3	Surface water use	MG	0.0	0.0	0.0	0.0
	W-4	Reclaimed water use	MG	0.0	0.0	0.0	0.0
	W-5	Storm water use	MG	0.0	0.0	0.0	0.0
	W-6	User-defined water resource #1	MG	0.0	0.0	0.0	0.0
	W-7	User-defined water resource #2	MG	0.0	0.0	0.0	0.0
	W-8	Wastewater generated	MG	0.0	0.0	0.0	0.0
Energy	E-1	Total energy used (on-site and off-site)	MMBtu	2,165.5	257.9	226.2	2,649.7
	E-2	Energy voluntarily derived from renewable resources					
	E-2A	On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	0.0	0.0	0.0	0.0
	E-2B	Voluntary purchase of renewable electricity	MWh	0.0	0.0	0.0	0.0
	E-3	Voluntary purchase of RECs	MWh	0.0	0.0	0.0	0.0
	E-4	On-site grid electricity use	MWh	0.000	0.000	0.000	0.0
Air	A-1	On-site NOx, SOx, and PM emissions	Pounds	1,206.9	174.3	174.3	1,555.6
	A-2	On-site HAP emissions	Pounds	0.0	0.0	0.0	0.0
	A-3	Total NOx, SOx, and PM emissions	Pounds	4,967.2	525.4	515.5	6,008.1
	A-3A	Total NOx emissions	Pounds	2,227.5	279.2	271.5	2,778.1
	A-3B	Total SOx emissions	Pounds	667.1	209.9	208.6	1,085.7
	A-3C	Total PM emissions	Pounds	2,072.6	36.3	35.4	2,144.3
	A-4	Total HAP emissions	Pounds	40.1	25.3	23.9	89.3
	A-5	Total greenhouse gas emissions	Tons CO2e*	172.9	19.6	17.4	209.8
Land & Ecosystems	Qualitative Description						

** Total greenhouse gases emissions (in CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.*
"MMBtu" = millions of Btus
"MG" = millions of gallons
"CO2e" = carbon dioxide equivalents of global warming potential
"MWh" = megawatt hours (i.e., thousands of kilowatt-hours or millions of Watt-hours)
"Tons" = short tons (2,000 pounds)

for Understanding and Reducing a Project's Environmental Footprint (EPA 542-R-12-002), February

Notes:

Appendix G

Climate Screening Checklist

Climate Screening Checklist

Background Information

- Project Manager: Shawn Roberts
- Site Name: 1099-1135 Webseter Ave Redevelopment Site
- Site Number: C203167
- Site Location: 11099-1135 Webster Avenue, Bronx, New York
- Site Elevation (average above sea level): 19 ft.
- ClimAID Region (Responding Climate Change in New York State (ClimAID) - NYSERDA): Region 4
- Remedial Stage/site classification:

  Remedial Action

- Contamination - Media Impacted/ Contaminants of Concern:

  Soil, Soil Vapor / CVOCs

- Proposed/Current Remedy:

  active SSDS, active SVE system, composite cover system, vapor barrier system

- What is the predicted timeframe of the remedy? Will components of the remedy still be in place in 10+ years?

  No - expected to be converted to passive within 5 years.

- Is the site in proximity to any sensitive receptors? (e.g. wetlands, waterbodies, residential properties, hospitals, schools, drinking water supplies, etc.)

  No

Is the site in a disadvantaged community (DAC) or potential environmental justice area (PEJA) (Use DECinfolocator: DECinfo Locator (ny.gov))?

Disadvantaged Community and PEJA ☒ **Yes** ☐ **No**

If the site is in a DAC or PEJA, will climate impacts be magnified? If yes, list how and why.

☐ **Yes** ☐ **No**

Should thresholds of concern be lowered to account for magnification of impacts? If yes, indicate how lower thresholds will be used in the screening.

☐ **Yes** ☐ **No**

Climate Screening Table*

Potential Climate Hazards	**Relevant to the Site Location** (Y/N/NA)[1]	**Projected Change** (Reference data source/Model)[3]	**Potential to Impact Remedy** (Y/N)	**Is remedy/site already resilient?** (Y/N)[4]
Precipitation	NA			
Temperature[2] (Extreme Heat or Cold Weather Impacts)	Y	Y	Y	telemetry system installed to provide notifications to any outages
Sea Level Rise	NA			
Flooding	NA			
Storm Surge	NA			
Wildfire	NA			
Drought	NA			
Storm Severity	NA			
Landslides	NA			
Other Hazards:	NA			

* Links to potential data sources can be found on the following page

[1] If the first column is N --> The rest of the columns will be N/A, the hazard is not applicable to the site.

[2] Extreme Heat: periods of three or more days above 90°F- Extreme Cold: Individual days with minimum temperatures at or below 0 degrees F (NYSERDA ClimAID report)

[3] List the projected change in specific terms or units e.g. inches of rain fall, feet of sea level rise, etc.

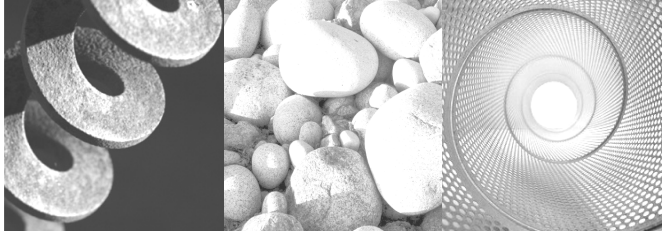
[4] If final column is Y, provide reasoning, if the final column is N --> Climate Vulnerability Assessment (CVA) required.

Required Next Steps (If no further action is required, provide justification):

No further action is required as telemetry has been included to provide notifications in the event of any climate-related power outages.

Appendix H

Construction Quality Assurance Plan



GEI Consultants

Consulting
Engineers and
Scientists

1099 Webster Ave Redevelopment Site

Construction Quality Assurance Plan

1099-1135 Webster Avenue
Bronx, New York
NYSDEC BCP Number: C203167

Prepared on Behalf of:
Mega Development LLC
c/o Webster 1099 Realty LLC
48-02 25th Avenue, Suite 400
Astoria, NY 11103

Submitted by:
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1000 New York Avenue
Huntington Station, NY 11746
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January 2025
Project 2203948



William J. Fitchett
Project Manager

Nicholas J. Recchia, P.G.
Project Manager, Sr. Environmental
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Table of Contents

1. Introduction 1
1.1 Construction Activities 1
1.2 Material Sampling 1

2. Project Organization and Responsibility 3

3. Quality Assurance Objectives 5
3.1 Required Quantification Limit 5
3.2 Accuracy 6
3.3 Precision 6
3.4 Completeness 7
3.5 Representativeness 7
3.6 Comparability 8

4. Sampling Plan 9
4.1 Sample Type, Location, and Frequency 9
4.1.1 Soil Vapor Endpoint Sampling 9
4.1.2 Soil Endpoint Sampling 10
4.1.3 Field QC Sample Collection 10
4.1.3.1 Equipment Blank Samples 10
4.1.3.2 Trip Blank Samples 11
4.1.3.3 Field Duplicate Samples 11
4.1.3.4 MS/MSD Samples 11
4.2 Equipment Decontamination 11

5. Construction Quality Control 13
5.1 Mobilization 13
5.2 Decontamination Plan 13
5.2.1 Personnel Decontamination 14
5.2.2 Heavy Equipment Decontamination 15
5.2.3 Vehicle Decontamination 15
5.2.4 Decontamination Equipment Requirements 15
5.3 Soil and Erosion Control Measures 16
5.4 Support and Protection of Existing Utilities 17

6. Documentation and Chain-of-Custody 18
6.1 Sample Collection Documentation 18
6.1.1 Field Notes 18
6.1.2 Chain-of-Custody (COC) Records 18
6.1.3 Sample Labeling 19

6.2 Sample Custody 19
6.2.1 Field Custody Procedures 20
6.2.2 Laboratory Custody Procedures 21

7. Calibration Procedure 22
7.1 Field Instruments 22
7.2 Laboratory Instruments 22

8. Sample Preparation and Analytical Procedures 23

9. Data Reduction, Validation, and Reporting 24
9.1 Field Data Evaluation 24
9.2 Analytical Data Validation 24

10. Internal Quality Control 25

11. Corrective Action 26
11.1 Immediate Corrective Action 26

Table

1. Analytical Methods/Quality Assurance Summary

WJF:ag
B:\Working\MEGA DEVELOPMENT\2203948 Ten 99 Development Project NYSDEC BCP\02_PM\RAWP\Appendices\Appendix H CQAP\CQAP.Webster Ave.docx

1. Introduction

This Construction Quality Assurance Plan (CQAP) presents the organization, objectives, planned activities, and quality assurance/quality control (QA/QC) procedures associated with the Remedial Action Work Plan (RAWP) remedial activities proposed for the property located at 1099-1135 Webster Avenue, Bronx, New York (Tax Block 2426, Lot 25, referred to as "1099 Webster Avenue Redevelopment Site" or the "Site"). The CQAP will address the following components:

1.1 Construction Activities

The CQAP for the remedial construction activities discusses the QA/QC requirements for each of the project tasks. These tasks include the following:

- Soil Erosion and Sediment Control Measures
- Excavation of contaminated soils to a depth of 3 to 13 feet below ground surface (ft. bgs)
- Traffic Control
- Site Redevelopment.

1.2 Material Sampling

The CQAP describes specific protocols for field testing, material handling, sample handling and storage, chain-of-custody (COC), laboratory analysis, and data handling and management. This CQAP was prepared based upon guidance provided by the United States Environmental Protection Agency (USEPA) and New York State Department of Environmental Conservation (NYSDEC) including:

- *Division of Environmental Remediation (DER)-10, Technical Guidance for Site Investigation and Remediation.* New York State Department of Environmental Conservation. May 3, 2010.
- *Analytical Service Protocol,* New York State Department of Environmental Conservation. July 2005.
- *USEPA Requirements for Quality Assurance Project Plans for Environmental Data Operations (EPA QA/R-5, March 2001).*
- *Guidance for Quality Assurance Project Plans (QAPP) (EPA QA/G-5, December 2002).*

The data generated from the analysis of samples will be used to determine the extent of contamination, identify impacted intervals, and document the remaining concentrations following the remedial actions.

2. Project Organization and Responsibility

The Site Owner and NYSDEC Brownfield Cleanup Program Volunteer is Webster 1099 Realty LLC ("Volunteer"). The Contractor to construction activities is TBD. GEI Consultants, Inc. (GEI), is the environmental consultant and remedial engineer for the Participant. GEI will coordinate and manage, in conjunction with the Volunteer and/or their designee, the site sampling and analysis program, material testing, data reduction, QA/QC, data validation, analysis, and reporting. GEI will direct the sampling activities, and coordinate laboratory and remediation activities.

The project organization and key personnel for GEI are listed below:

In-House Consultant: Gary A. Rozmus, P.E.
Program Manager (PM): Nicholas J. Recchia, P.G.
Project Manager: Stephen Tauss, P.G.
Proposed Field Team Leader: Leif Robertson
GEI Corporate Health & Safety Officer: Steve Hawkins, CSP
Data Manager: Jaimie Wargo

The primary responsibilities of each of these personnel are described in the following table.

Key Project Personnel and Responsibilities		
Position	**GEI Personnel**	**Areas of Responsibilities**
In-House Consultant	Gary A. Rozmus, P.E.	• Provide strategic guidance of project activities • Client contact regarding strategic issues • Review of project deliverables
Program Manager (PM)	Nicholas J. Recchia, P.G.	• Overall program oversight • Project management • Project schedule • Client contact regarding project related issues • Personnel and resource management • Review of project submittals • Budgeting
Project Manager	Stephen Tauss, P.G.	• Client contact regarding project related issues • Coordination of contractors • Technical development and implementation of RAWP and related documents • Personnel and resource management • Preparation and review of project submittals

Key Project Personnel and Responsibilities		
Position	**GEI Personnel**	**Areas of Responsibilities**
		• Budgeting
Proposed Field Team Leader	William J. Fitchett	• Client contact regarding project related issues on day-to-day basis as part of field operations • Coordination of contractors • Implementation of RAWP and Field Sampling • Plan personnel and resource management • Preparation of project submittals
Data Manager	Jaimie Wargo	• Manage raw data from the laboratory • Maintain copies of COCs in the project file

Eurofins Environment Testing (Eurofins), located in Edison, New Jersey, has been selected to perform the following standard analytical chemistry parameters for soil samples.

Eurofins' relevant certifications are summarized in the following table:

Eurofins Environment Testing (Eurofins) and Pace Analytical Laboratories (Pace) – Certifications		
Location	**Responsible Agency**	**Certification**
New York	New York State Department of Health (NYSDOH)	Environmental Laboratory Approval Program (ELAP) for potable water/non-potable water, solid and hazardous waste
	New York State Department of Environmental Conservation	July 2005 Analytical Service Protocol (ASP)

Table 1 provides a summary of quality assurance samples, holding times, and analysis for the media.

3. Quality Assurance Objectives

This section establishes the QA objectives for measurements that are critical to the project. The QA objectives are developed for relevant data quality indicators. These indicators include the method detection limit (MDL), reporting limit (RL), precision, accuracy, completeness, representativeness, and comparability. The data quality objectives (DQOs) are based on project requirements and ensure: (1) that the data generated during the project are of known quality and (2) that the quality is acceptable to achieve the project's technical objectives.

Quantitation Limits are laboratory-specific and reflect those values achievable by the laboratory performing the analyses. However, to ensure that the analytical methodologies are capable of achieving the DQOs, measurement performance criteria have been set for the analytical measurements in terms of accuracy, precision, and completeness. The analytical methods to be used at this site will provide a level of data quality and can be used to evaluate potential impacts to soil, soil vapor, and groundwater compared to New York State Standards, Criteria and Guidance values, and for purposes of risk assessment.

The overall QA objective is to develop and implement procedures for field sampling, COC, laboratory analysis, and reporting which will provide results that are scientifically valid, and the levels of which are sufficient to meet DQOs. Specific procedures for sampling, chain of custody, laboratory instruments calibration, laboratory analysis, reporting of data, internal quality control, and corrective action are described in other sections of the QAPP.

The data quality indicators are presented in subsections 4.1 through 4.6. Procedures to assess the data quality indicators are given below in Section 10.

The DQOs for soil samples for this project include minimum RLs specified within the 2005 NYSDEC ASP, as well as unrestricted use criteria listed in 6 New York Codes, Rules and Regulations (NYCRR) Part 375.

3.1 Required Quantification Limit

The required quantification limit is the quantitative analytical level for individual analytes needed to make decisions relative to the objectives of the project. Quantitative limits may be expressed as the MDL or some quantitative level defined in terms relative to the program. It should be noted that there is some ambiguity in the definitions and use of terms that define quantification limits. The MDL presented herein is a well-defined and accepted entity, although attainable only under ideal laboratory conditions.

Method Detection Limit: The MDL is the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. MDL is determined from analysis of a sample in a given matrix type containing the analyte.

Practical Quantitation Limit (PQL): The PQL (also referred to as the RL) is the concentration in the sample that corresponds to the lowest concentration standard of the calibration curve.

3.2 Accuracy

Accuracy is the closeness of agreement between an observed value and an accepted reference value. The difference between the observed value and the reference value includes components of both systematic error (bias) and random error.

Accuracy in the field is assessed through the adherence to all field instrument calibration procedures, sample handling, preservation, and holding time requirements, and through the collection of equipment blanks prior to the collection of samples for each type of equipment being used (e.g., sample liners, drilling shoe, or stainless–steel sampling implements).

The laboratory will assess the overall accuracy of their instruments and analytical methods (independent of sample or matrix effects) through the measurement of "standards," materials of accepted reference value. Accuracy will vary from analysis to analysis because of individual sample and matrix effects. In an individual analysis, accuracy will be measured in terms of blank results, the percent recovery (%R) of surrogate compounds in organic analyses, or %R of spiked compounds in matrix spikes (MS), matrix spike duplicates (MSD) and/or laboratory control samples (LCS). This gives an indication of expected recovery for analytes tending to behave chemically like the spiked or surrogate compounds.

3.3 Precision

Precision is the agreement among a set of replicate measurements without consideration of the "true" or accurate value: i.e., variability between measurements of the same material for the same analyte. In environmental sampling, precision is the result of field sampling and analytical factors. Precision in the laboratory is easier to measure and control than precision in the field. Replicate laboratory analyses of the same sample provide information on analytical precision; replicate field samples provide data on overall measurement precision. The difference between the overall measurement precision and the analytical precision is attributed to sampling precision. Precision is measured in a variety of ways including statistically, such as calculating variance or standard deviation. The difference between the overall measurement precision and the analytical precision is attributed to sampling precision.

Precision in the field is assessed through the collection and measurement of field duplicates. Field duplicates will be collected at a frequency of one per 20 investigative samples per matrix per analytical parameter, except for the waste characterization parameters. Precision will be measured through the calculation of relative percent differences (RPD) as described in Subsection 13.2. The resulting information will be used to assess sampling and analytical variability.

Precision in the laboratory is assessed through the calculation of RPD for duplicate samples. For organic analyses, laboratory precision will be assessed through the analysis of MS/MSD samples and field duplicates. For the inorganic analyses, laboratory precision will be assessed through the analysis of matrix duplicate pairs and field duplicate pairs. MS/MSD samples or matrix duplicate pairs will be performed at a frequency of one per 20 primary samples per matrix.

Duplicate samples are described in Subsection 5.1.2. Table 1 summarizes the number of duplicates required during completion of the RAWP end-point sampling.

3.4 Completeness

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount that was expected to be obtained under normal conditions. "Normal conditions" are defined as the conditions expected if the sampling plan was implemented as planned. The objective for completeness is a sufficient amount of valid data to achieve a predetermined statistical level of confidence. Critical samples must be identified, and plans must be formulated to secure requisite valid data for these samples.

Field completeness is a measure of the amount of 1) valid measurements obtained from all the measurements taken in the project and 2) valid samples collected. The field completeness objective is greater than 90 percent.

Laboratory completeness is a measure of the number of valid measurements obtained from all valid samples submitted to the laboratory. The laboratory completeness objective is greater than 95 percent.

To ensure that these percentages are met, materials for crucial parameters will be retained if re-sampling is required and strict adherence to holding times will be required.

3.5 Representativeness

Representativeness is a qualitative parameter that expresses the degree to which data accurately and precisely represents either a characteristic of a population, parameter variations at a sampling point, a process condition, or an environmental condition within a defined spatial and/or

temporal boundary. To ensure representativeness, the sampling locations have been selected to provide coverage over a wide area and to highlight potential trends in the data.

Representativeness is dependent upon the proper design of the sampling program and will be satisfied by ensuring that any future work plans are followed, and that proper sampling, sample handling, and sample preservation techniques are used.

Representativeness in the laboratory is ensured by using the proper analytical procedures, appropriate methods, and meeting sample-holding times.

3.6 Comparability

Comparability is a qualitative parameter that expresses the confidence with which one data set can be compared to another. Comparability is dependent upon the proper design of the sampling program and will be satisfied by ensuring that the RAWP is followed and that proper sampling techniques are used. Maximization of comparability with previous data sets is expected because the sampling design and field protocols are consistent with those previously used.

Comparability is dependent on the use of recognized EPA or equivalent analytical methods and the reporting of data in standardized units. To facilitate data comparison, the data-reporting format as presented below will be used:

- Conventions (units reported as): for solids (weight/unit weight [i.e., milligrams per kilogram (mg/Kg)]); for liquids (weight/unit volume [i.e., micrograms per liter (µg/L)]); for air (weight/unit volume [i.e., micrograms per cubic meter (µg/m^3)]).
- Use common chemical name with corresponding chemical abstracts service (CAS) code.
- Report all data for soils on a dry-weight basis.

4. Sampling Plan

Endpoint soil vapor and soil sampling will occur during the remedial action. No groundwater sampling is required to complete the RA.

4.1 Sample Type, Location, and Frequency

4.1.1 Soil Vapor Endpoint Sampling

After reaching the desired excavation depth, eight soil vapor probes will be installed and samples collected in the area contemplated to be serviced by the Soil Vapor Extraction System. All samples will be collected in accordance with the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH October 2006) and associated updates. Conditions in the field may require adjustment to the sampling locations.

The soil vapor points will be installed using a ½-inch diameter steel drill rod advanced using a hand operated hammer drill or direct push drill rig. The soil vapor probe will consist of a prefabricated 2-inch perforated steel vapor probe tip attached to $^{3}/_{8}$-inch diameter low-density polyethylene (LDPE) plastic riser tubing. Once driven to depth, the rods are removed leaving only the tip and the tubing. The vapor probe borehole will be backfilled with #2 Morie well grade gravel. A surface seal will be placed using an impermeable non-VOC containing clay seal installed within the last 6 inches of the probe-hole annulus from surface grade level. The vapor well will be purged using a hand pump or equivalent device after installation.

Samples will be collected in 6-liter Summa canisters which have been individually certified clean by the laboratory and analyzed using USEPA Method TO-15. Flow rate of both purging and sampling will not exceed 0.2 liters per minute (L/min). Sampling will occur for a duration of two hours. A sample log sheet will be maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols. The indoor air samples and the outdoor air sample will be collected concurrently with the soil vapor sampling.

As part of the vapor intrusion evaluation, a tracer gas will be used in accordance with NYSDOH protocols to serve as a QA/QC device to verify the integrity of the soil vapor probe seal. Helium will be used as the tracer gas and a box will serve to keep it in contact with the probe during testing. A portable monitoring device will be used to analyze a sample of soil vapor for the tracer prior to sampling. If the tracer sample results show a 10% presence of the tracer, the probe seals will be adjusted to prevent infiltration. As the conclusion of the sampling round, tracer

monitoring will be performed a second time to confirm the integrity of the probe seals. Samples will be analyzed using TO15 methodology.

4.1.2 Soil Endpoint Sampling

After reaching the desired excavation depth, 41 soil samples will be collected from the surface of the final excavation grade. Additionally, 31 soil samples will be collected from the sidewalls of the excavation. Soil samples will be collected in laboratory supplied bottles and analyzed for the following parameters:

- VOCs by USEPA Method 8260.
- Semivolatile organic compounds (SVOCs) by USEPA Method 8270, including 1,4 dioxane.
- Pesticides and PCBs using USEPA Methods 8081 and 8082.
- Target analyte list (TAL) metals and cyanide.
- Perfluoroalkyl and polyfluoroalkyl substances (PFAS) using modified USEPA Method 1633.

4.1.3 Field QC Sample Collection

Field QC samples are used to monitor the reproducibility and representativeness of field sampling activities. The field QC samples are handled, transported and analyzed in the same manner as the associated field samples. Field QC samples will include equipment blanks, trip blanks, field duplicates, and MS/MSDs. The quantity, field QC sample type and analysis is detailed in Table 1.

4.1.3.1 Equipment Blank Samples

Equipment Blank Samples are used to monitor the adequacy of decontamination procedures and possible sources of contamination such as potential laboratory methodologies. Equipment blanks will consist of laboratory-supplied, distilled or de-ionized water and will be used to check for potential contamination of the equipment which may cause sample contamination. Equipment blanks will be collected by routing the distilled water through a decontaminated piece of sampling equipment or disposable sampling equipment into laboratory supplied bottles. Non-dedicated field equipment will be decontaminated as specified below in Subsection 6.2. Equipment blanks will be submitted to the laboratory at a frequency of one per 20 samples per matrix per type of equipment being used per parameter. Equipment blanks will not be completed for waste characterization sampling activities.

4.1.3.2 Trip Blank Samples

Trip Blank Samples will consist of analyte free water and will be prepared by the laboratory. Trip blanks are used to assess the potential for VOC contamination of samples due to contaminant migration during sample shipment and storage. Trip blanks will be transported to the project location unopened, stored with the site characterization samples, and kept closed until analyzed by the laboratory. Trip blanks will be submitted to the laboratory at a frequency of one per cooler which contains samples submitted for VOC analysis.

4.1.3.3 Field Duplicate Samples

Field Duplicate Samples, also referred to as blind duplicate samples, are two samples that are submitted from the same interval using the same sample procedures. Field duplicates will be used to assess the sampling and analytical reproducibility. Both samples are collected utilizing the same methods and are submitted for the same laboratory analysis however different sample identification numbers are used. Field duplicates will be submitted at a frequency of one per 20 samples for all matrices and all parameters. Field duplicates will not be completed for waste characterization sampling activities.

4.1.3.4 MS/MSD Samples

MS/MSD Samples are two additional aliquots of the same sample submitted for the same parameters as the original sample. However, the additional aliquots are spiked with the compounds of concern. MSs provide information about the effect of the sample matrix on the measurement methodology. MS/MSDs will be submitted at a frequency of one per 20 investigative samples per matrix for organic and inorganic parameters. MS/MSDs will not be completed for waste characterization sampling activities.

Sample Preservation and Containerization

The analytical laboratory will supply the sample containers for the chemical samples. These containers will be cleaned by the manufacturer to meet or exceed all analyte specifications established in the latest EPA's Specifications and Guidance for Contaminant-Free Sample Containers. Certificates of analysis are provided with each bottle lot and maintained on file to document conformance to EPA specifications. The containers will be pre-preserved, where appropriate.

Refer to Table 1 for a summary of QC sample preservation and container requirements.

4.2 Equipment Decontamination

All non-dedicated sampling equipment shall be cleaned between each use in the following manner:

- Wash/scrub with a biodegradable degreaser ("Simple Green") if there is oily residue on equipment surface.
- Tap water rinse.
- Wash and scrub with Alconox (or non-phosphate soap) and water mixture.
- Tap water rinse.
- Equipment will be wrapped in polyethylene plastic or aluminum foil for storage or transportation from the designated decontamination area to the sampling location, where appropriate.

The drilling equipment will be decontaminated by steam cleaning or equivalent.

Decontamination fluids will be containerized into United States Department of Transportation (USDOT)/United Nations (UN)-approved 55-gallon drums or containment vessels and will be characterized and disposed of by an approved disposal facility.

5. Construction Quality Control

All Contractor QA/QC procedures will adhere to industry standards and will follow generally accepted practices as well as complying with applicable ASTM standards.

5.1 Mobilization

Preparation of the Site for remedial activities will involve the setup of temporary support facilities (i.e. electrical power, water, telephone service, security, etc.) and the following mobilization and Site preparation activities:

- Identification and markout of all aboveground and underground utilities.
- De-energizing, turning off and disconnecting existing subsurface utility services known to be present in the work area (e.g., water, gas, electric, and sewer).
- Mobilization of remediation equipment and materials.
- Traffic control measures.
- Work zone demarcation.
- Installation of erosion control devices.
- Installation of perimeter air monitoring system.
- Removal of concrete at or below the surface of the Site.
- Installation of temporary facilities.
- Installation of decontamination facilities.

Topographic Surveys: The Contractor will either utilize the existing site topographic survey or create a new survey prepared by a Professional Surveyor licensed in the State of New York.

5.2 Decontamination Plan

The objective of the decontamination plan at the Site is to provide the procedures and equipment necessary to decontaminate personnel and equipment and prevent cross-contamination from the excavation area to public areas (i.e., highways, roads, support zones, vehicles, etc.). If impacted materials are encountered, the decontamination procedures for personnel and equipment are outlined below.

The Contractor will establish decontamination areas for the following:

- Personnel decontamination
- Equipment decontamination
- Vehicle decontamination

5.2.1 Personnel Decontamination

A personnel decontamination station where employees can drop equipment and remove personal protective equipment (PPE) will be set up by the Contractor. It will be equipped with trash bag(s), or cans for containing disposable PPE and discarded materials. Once personnel have decontaminated at this station and taken off their PPE, they will proceed to an area where they will wash themselves, as necessary, wherever they have potentially been exposed to any contaminants (e.g., hands, face, etc.).

The following specific decontamination procedure will be used as necessary by GEI personnel or subcontractor personnel wearing PPE from Level D through Level C.

- **Step 1:** Equipment drop (respirator, tools, monitoring equipment, etc.). Decontaminate as appropriate (per GEI's field representative's instructions).
- **Step 2:** Boot wash/rinse (wash with non-foaming detergent, rinse with freshwater spray). Remove boots. If inner and outer gloves are worn, wash outer gloves, remove and save for later use, or remove and discard outer gloves and place in trash bag/can provided in the decontamination area.
- **Step 3:** Hard hat removal; wash if visibly contaminated (use same wash as in Step 2).
- **Step 4:** If Tyvek® (or equivalent) suit was worn and is visibly contaminated, remove and place in trash bag/can provided in the decontamination area or decontaminate (wash) and store for reuse. Contaminated washable coveralls should be removed and bagged for washing.
- **Step 5:** Respirator and/or eye protection removal (as applicable). Wash (per Step 2) to remove visible contamination.
- **Step 6:** Remove outer gloves.
- **Step 7:** Wash potentially exposed skin (use water and soap at indoor sink).
- **Step 8:** Disinfect respirator per manufacturer's recommendations.

Contaminated PPE (gloves, suits, etc.) will be decontaminated and stored for reuse or placed in plastic bags (or other appropriate containers) and disposed of in an approved facility.

Decontamination wastewater and used cleaning fluids will be collected and disposed of in accordance with applicable state and federal regulations.

5.2.2 Heavy Equipment Decontamination

Heavy equipment decontamination will be performed by the Contractor within the limits of the Site in accordance with the contract specifications. No heavy equipment will be permitted to leave the Site unless it has been thoroughly decontaminated.

Wastewater from the heavy equipment and personnel decontamination areas will be collected and disposed of in accordance with applicable state and federal regulations. The Contractor will be responsible for ultimate disposal of waste generated by decontamination.

5.2.3 Vehicle Decontamination

Trucks transporting soil off-site for ultimate disposal will enter the Site as described in the Traffic Control Plan. Care will be exercised when loading trucks not to spill material on the outside of the trucks. Before exiting the Site, the trucks will be visually inspected (i.e., box sidewalls, box tailgate, tires, etc.), cleaned and decontaminated as necessary prior to being allowed to leave the Site. In addition, trucks will be required to be tarped prior to departing the Site. All collected soil and decontamination fluids will be collected and managed in accordance with the RAWP.

5.2.4 Decontamination Equipment Requirements

The following equipment, if required, should be in sufficient supply to implement decontamination procedures:

- Buckets
- Alconox™ detergent concentrate
- Hand pump sprayers
- Long handled soft bristle brushes
- Large sponges
- Cleaning wipes for respirators
- Bench or stool(s)
- Methanol and/or Nitric Acid
- Liquid detergent and paper towels
- Plastic trash bags

The Contractor performing decontamination procedures is responsible for verifying that the above materials, as required for their operation, are in sufficient supply.

5.3 Soil and Erosion Control Measures

Soil erosion and sediment control measures for management of storm water will be installed in accordance with the New York Guidelines for Urban Erosion and Sediment Control. Erosion and sediment control measures which will be limited to hay bales, will be installed around the entire perimeter of the remedial construction area and inspected daily and after any significant storm events to ensure that they are operating appropriately. Discharge locations will be inspected to determine whether erosion control measures are effective in preventing significant impacts to receptors. All necessary repairs shall be made immediately. Accumulated sediments will be removed as required to keep the hay bale check functional. The following measures shall be implemented as a component of the erosion and sediment controls:

- Efforts will be made to minimize the amount of soil exposed during construction. Erosion control measures will be implemented during construction to keep soil in place.
- Temporary stabilization measures will immediately be applied on all disturbed areas where work is delayed.
- All disturbed areas, except roadways, which will remain unfinished for more than 30-days shall be temporarily seeded with ½-pound (lb) of rye grass or mulched with 100-lbs of straw or hay per 1,000 sf. Roadways shall be stabilized as rapidly as practicable by the installation of the base course.
- Sediment control measures will be installed at any location where surface runoff from disturbed areas may flow off-site to prevent sediment from being transported out of the designated work areas. Given the proposed sequencing of construction, the project location, width of ground disturbance, and duration of disturbance, significant surface runoff from the project area is not anticipated.
- Sediment tracked onto the roadway will be removed or cleaned as necessary.

Selected erosion and sediment control measures will be installed prior to ground disturbance and maintained through the duration of construction to minimize the discharge of pollutants and prevent a violation of the water quality standards in conformance with the *New York Standards and Specifications for Erosion and Sediment Control* (November 2016). The erosion and sediment controls will be in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control. Details of standard erosion and sediment control measures were included as a component of the Proposed Development Plan Design submittal to New York City Department of Buildings (NYCDOB).

During remedial construction, erosion and sediment control measures will be inspected and maintained on a daily basis. Accumulated sediment will be removed from the erosion and sediment controls as needed. Sediment that originates from the excavated area will be added to the stockpile for off-site disposal. Construction activities shall be carried out so as to minimize erosion and silting in accordance with Soil Erosion and Sediment Control Requirements, and requirements of local and state authorities having jurisdiction.

The Site is exempt from the NYSDEC State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity (Permit No. GP-02-01) requirement as the area disturbed on the site will be less than one acre in size.

5.4 Support and Protection of Existing Utilities

The Volunteer and its contractors are solely responsible for the identification of utilities that might be affected by work under the RAWP and implementation of all required, appropriate, or necessary health and safety measures during performance of work under the RAWP. The Volunteer and its contractors are solely responsible for safe execution of all invasive and other work performed under the RAWP. The Volunteer and its contractors must obtain any local, state, or federal permits or approvals pertinent to such work that may be required to perform work under the RAWP.

The Contractor will protect and support all identified Site features. In addition, the Contractor will repair any damage to protected structures and features during the remedial construction operations in accordance with applicable regulations and as approved by the Volunteer and/or GEI.

6. Documentation and Chain-of-Custody

6.1 Sample Collection Documentation

6.1.1 Field Notes

Field notes documenting field activities will be maintained in a field notebook. Field logbooks will provide the means of recording the chronology of data collection activities performed during the investigation. The logbook will be a bound notebook with water-resistant pages. Logbook entries will be dated, legible, and contain accurate and inclusive documentation of the activity. No erasures or obliterations of field notes will be made. If an incorrect entry is made, the information will be crossed out with a single strike mark, which is signed and dated by the sampler. The correction shall be written adjacent to the error.

Field logbooks will be reviewed at regular intervals by the field team leader, site manager, and project manager for completeness and representativeness. When necessary, logbooks will be supported by daily activity reports.

6.1.2 Chain-of-Custody (COC) Records

Sample custody is discussed in detail below in subsection 7.2. COC records are initiated by the samplers in the field. The field portion of the custody documentation should include:

- The project name.
- Signature(s) of sampler(s) responsible for sample custody.
- Sample ID number.
- Date and time of collection.
- Whether the sample is grab or composite.
- Names of individuals involved in sampling.
- Air bill or other shipping number (if applicable).

On a regular basis (daily or on such a basis that all holding times will be met), samples will be transferred to the custody of the respective laboratories, via third-party commercial carriers or via laboratory courier service. Sample packaging and shipping procedures, and field COC procedures are described below in Subsection 7.2.1 of this Plan. Sample receipt and log-in procedures at the laboratory are described below in Subsection 7.2.2 of this Plan.

6.1.3 Sample Labeling

Each sample will be labeled with a pre-printed adhesive label using indelible ink. The label should include the date and time of collection, sampler's initials, tests to be performed, preservative (if applicable), and a unique identification. The following identification scheme will be used:

PRIMARY SAMPLES TYPES	QA/QC SAMPLE TYPES
END-POINT SAMPLES EndPoint-ID EP-01 SIDEWALL SAMPLES Sidewall-ID SW-01 Endpoint Soil Vapor Samples Endpoint-Soil Vapor-ID EP-SV-01	**FIELD BLANKS** SAMPLE ID [DATE] FB-03292018 **MATRIX SPIKE/DUP** SAMPLE [ID] [DEPTH] [EITHER MS OR MSD] EP-01 (15) MS/MSD **TRIP BLANKS** SAMPLE-ID [DATE] TB-03292018 **BLIND DUPLICATES** SAMPLE-ID [XX] [DATE] DUP-XX-03292018

This sample label contains the authoritative information for the sample. Inconsistencies with other documents will be settled in favor of the vial or container label unless otherwise corrected in writing from the field personnel collecting samples or the Data Manager and/or the Project QA Officer.

6.2 Sample Custody

The COC provides a record of the custody of any environmental field sample from the time of collection to the delivery to the laboratory. Custody is one of several factors that are necessary for the admissibility of environmental data as evidence in a court of law. Custody procedures help to satisfy the two major requirements for admissibility: relevance and authenticity. Sample custody is addressed in three parts: field sample collection, laboratory analysis, and final evidence files.

A sample is under a person's custody if:

- The item is in the actual possession of a person
- The item is in the view of the person after being in actual possession of the person
- The item was in the actual physical possession of the person and is locked up to prevent tampering
- The item is in a designated and identified secure area

6.2.1 Field Custody Procedures

Samples will be collected following the sampling procedures described in the RAWP. A summary of samples and collection methods are provided above in Section 5 of this CQAP. Documentation of sample collection is described above in Subsection 7.1. Sample COC and packaging procedures are summarized below. These procedures will ensure that the samples will arrive at the laboratory with the COC intact.

- The field sampler is personally responsible for the care and custody of the samples until they are transferred or dispatched properly. Field procedures have been designed such that as few people as possible will handle the samples.
- All bottles will be identified using sample labels with sample numbers, sampling locations, date/time of collection, and type of analysis. The sample numbering system is presented above in Subsection 7.1.3.
- Sample labels will be completed for each sample using waterproof ink unless prohibited by weather conditions.
- Samples will be accompanied by a completed COC form. The sample numbers and locations will be listed on the COC form. When transferring the possession of samples, the individuals relinquishing and receiving will sign, date, and note the time on the record. This record documents the transfer of custody of samples from the sampler to another person, to a mobile laboratory, and to the laboratory facility.
- All shipments will be accompanied by the COC record identifying the contents. The original record will accompany the shipment, and copies will be retained by the sampler and provided to the data manager and placed in the project files.
- Samples will be properly packaged for shipment and dispatched to the appropriate laboratory for analysis, with a separate signed custody record enclosed in and secured to the inside top of each sample box or cooler. Shipping containers will be secured with strapping tape and custody seals for shipment to the laboratory. The custody seals will be attached to the cooler and covered with clear plastic tape after being signed by field personnel.
- If the samples are sent by common carrier, the air bill will be used. Air bills will be retained as part of the permanent documentation. Commercial carriers are not required to sign off on the custody forms since the custody forms will be sealed inside the sample cooler and the custody seals will remain intact.
- Samples remain in the custody of the sampler until transfer of custody is completed. This consists of delivery of samples to the laboratory sample custodian, and signature of the laboratory sample custodian on COC document as receiving the samples and signature of sampler as relinquishing samples.

6.2.2 Laboratory Custody Procedures

After accepting custody of the shipping containers, the laboratory will document the receipt of the shipping containers by signing the COC record. The laboratory will:

- Examine the shipping containers to verify that the custody tape is intact.
- Examine all sample containers for damage.
- Determine if the temperature required for the requested testing program has been maintained during shipment and document the temperature on the COC records.
- Compare samples received against those listed on the COC.
- Verify that sample holding times have not been exceeded.
- Examine all shipping records for accuracy and completeness.
- Determine sample pH (if applicable) and record on COC forms.
- Sign and date the COC immediately (if shipment is accepted) and attach the air bill.
- Note any problems associated with the coolers and/or samples on the cooler receipt form and notify the laboratory project manager, who will be responsible for contacting the GEI data manager.
- Attach laboratory sample container labels with unique laboratory identification and test.
- Place the samples in the proper laboratory storage.

Following receipt, samples will be logged in according to the following procedure:

- The samples will be entered into the laboratory tracking system. At a minimum, the following information will be entered: project name or identification, unique sample numbers (both client and internal laboratory), type of sample, required tests, date and time of laboratory receipt of samples, and field ID provided by field personnel.
- The completed COC, air bills, and any additional documentation will be placed in the project file.

7. Calibration Procedure

7.1 Field Instruments

Field instruments will be calibrated according to the manufacturer's specifications. Air monitoring instruments will be calibrated to a known reference gas standard and ambient air outside the work zone. Calibration will be completed daily. If concentrations of VOCs are encountered above the reference gas standard, the soil screening photoionization detector (PID) may be calibrated or re-checked against the reference gas standard. All calibration procedures performed will be documented in the field logbook and will include the date/time of calibration, name of person performing the calibration, reference standard used, and the readings. The following equipment may be used during soil sampling activities.

End-Point Soil Sampling Activities:

- RAE Systems MiniRAE 2000 (PID) with 10.6 eV lamp or equivalent.

7.2 Laboratory Instruments

Calibration procedures for a specific laboratory instrument will consist of initial calibrations, initial calibration verifications, and/or continuing calibration verification. Detailed descriptions of the calibration procedures for a specific laboratory instrument are included in the laboratory's quality assurance plan, which describe the calibration procedures, their frequency, acceptance criteria, and the conditions that will require recalibration.

8. Sample Preparation and Analytical Procedures

Analytical samples will be collected as specified in the RAWP. Table 1 provides sample collection matrices for soil.

9. Data Reduction, Validation, and Reporting

Appropriate QC measures will be used to ensure the generation of reliable data from sampling and analysis activities. Proper collection and organization of accurate information followed by clear and concise reporting of the data is a primary goal in this project. Complete data packages suitable for data validation to support the generation of a Data Usability Summary Report (DUSR) according to NYSDEC requirements will be provided by the project data validator. Data Management will be performed under the direction of Jaimie Wargo, Senior Technician – Data Management.

9.1 Field Data Evaluation

Measurements and sample collection information will be transcribed directly into the field logbook or onto standardized forms. If errors are made, results will be legibly crossed out, initialed and dated by the person recording the data, and corrected in a space adjacent to the original (erroneous) entry. Reviews of the field records by the field team leader, site manager, and project manager will ensure that:

- Logbooks and standardized forms have been filled out completely and that the information recorded accurately reflects the activities that were performed.
- Records are legible and in accordance with good record keeping procedures, i.e., entries are signed and dated, data are not obliterated, changes are initialed, dated, and explained.
- Sample collection, handling, preservation, and storage procedures were conducted in accordance with the protocols described in the RAWP, and that any deviations were documented and approved by the appropriate personnel.

9.2 Analytical Data Validation

Laboratory deliverables will consist of an electronic copy data package that is in general accordance with NYSDEC ASP Category B data deliverable requirements when validation is requested.

A DUSR will be prepared to evaluate the end-point samples by a party independent from the laboratory performing the analysis in accordance with Appendix 2B of DER-10.

10. Internal Quality Control

Laboratory and field quality internal control checks will be used to ensure the DQOs. At a minimum, this will include:

- MS and/or MSD samples
- Matrix duplicate analyses
- Laboratory control spike samples
- Instrument calibrations
- Instrument tunes for VOC 8260B analyses
- Method and/or instrument blanks
- Surrogate spikes for organic analyses
- Internal standard spikes for VOC 8260B analyses
- Detection limit determination and confirmation by analysis of low-level calibration standard

Field quality control samples, as identified in Table 1, will include:

- Equipment blanks as outlined
- Field duplicate samples as outlined
- Trip blanks as outlined
- MS/MSDs as outlined

11. Corrective Action

If unacceptable conditions are identified as a result of audits or are observed during field sampling and analysis, the PM, Field Team Leader, and QA officer will document the condition and initiate corrective procedures. The specific condition or problem will be identified, its cause will be determined, and appropriate action will be implemented.

The entire sampling program will be under the direction of the PM and QA officer. The emphasis in this program is on preventing problems by identifying potential errors, discrepancies, and gaps in the data collection, laboratory analysis, and interpretation process. Any problems identified will be promptly resolved. Likewise, follow-up corrective action is always an option in the event that preventative corrective actions are not effective.

The acceptance limits for the sampling and analyses to be conducted in this program will be those stated in the method or defined by other means in the Work Plan. Corrective actions are likely to be immediate in nature and most often will be implemented by the contracted laboratory analyst or the PM. The corrective action will usually involve recalculation, reanalysis, or repeating a sample run.

11.1 Immediate Corrective Action

Corrective action in the field may be needed when the sample requirements are changed (i.e., more/less samples, sampling locations other than those specified in the Work Plan), or when sampling procedures and/or field analytical procedures require modification, etc. due to unexpected conditions. The field team may identify the need for corrective action. The Field Team Leader, Site Manager, and PM will approve the corrective action and notify the QA officer. The PM and QA officer will approve the corrective measure. The Field Team Leader and Site Manager will ensure that the corrective measure is implemented by the field team.

Corrective actions will be implemented and documented in the field record book. Documentation will include:

- A description of the circumstances that initiated the corrective action
- The action taken in response
- The final resolution
- Any necessary approvals

Corrective action in the laboratory will be completed in accordance with the quality assurance procedures. Any corrective actions completed by the laboratory will be documented in both the

laboratory's corrective action files, and the narrative data report sent from the laboratory to the PM. If the corrective action does not rectify the situation, the laboratory will contact the PM, who will determine the action to be taken and inform the appropriate personnel.

If potential problems are not solved as an immediate corrective action, the contractor will apply formalized long-term corrective action if necessary.

Table

Table 1. Soil Field Sampling Matrix
1099-1135 Webster Ave Redevelopment Side
NYSDEC BCP Site No. C203167

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Sample ID	Number of Primary Samples	QA/QC Samples				Minimum Total Number of Samples	Analytical Parameters	USEPA Method	Preservative	Holding Time	Container
		TB	FB	DUP	MS/MSD						
EP-XX	41	1/VOC Cooler	One (1) per day of sampling	One (1) per 20 samples for each matrices and all parameters		47	VOCs, SVOCs, Pesticides, PCBs, Metals + Mercury	8260C, 8270D, 8081B, 8082A, 6010C, 7471B	Cool to 4°C	48 hours to lab for preparation / 14 day hold time following	To be determined and supplied by lab
SW-XX	31	1/VOC Cooler	One (1) per day of sampling	One (1) per 20 samples for each matrices and all parameters		35	VOCs, SVOCs, Pesticides, PCBs, Metals + Mercury	8260C, 8270D, 8081B, 8082A, 6010C, 7471B	Cool to 4°C	48 hours to lab for preparation / 14 day hold time following	To be determined and supplied by lab
EP-SV-XX	8	NA		1 per 20 samples	NA	9	VOCs	TO-15	NA	7-days	6-L SUMMA

Notes:
NYSDEC - New York State Department of Envirnmental Conservation
BCP - Brownfield Cleanup Program
QA/QC - Quality Assurance/Quality Control
TB - Trip Blank
FB - Field Blank
DUP - Duplicate
MS/MSD - Matrix Spike/Matrix Spike Duplicate
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
°C- Degrees Celsius
TAL - Target Analyte List
PCBs - Polychlorniated biphenyls
NA - Not Applicable
USEPA - United States Environmental Protection Agency

Appendix I

Community Air Monitoring Plan

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix J

Resumes of Key Personnel

William J. Fitchett
Project Manager

resume

William J. Fitchett is a project manager working out of GEI's Long Island office with more than ten years of experience in the environmental consulting industry. Mr. Fitchett regularly completes environmental investigations and remediation including Phase I and Phase II Environmental Site Assessments, monitoring well design/installation, UIC closures, UST removals, Spill closures, and solid and hazardous waste disposal. His responsibilities include performing and managing field investigations and remedial activities at numerous sites throughout New York State, as well as several other states from New England to Florida. He has extensive experience in the brownfield industry including Sites in the New York State Brownfield Cleanup Program (BCP) and New York City Office of Environmental Remediation Voluntary Cleanup Program (VCP).

EDUCATION
M.A., Earth and Environmental Sciences, City University of New York, Brooklyn College
B.S., Environmental Science, State University of New York, College at Oneonta

EXPERIENCE IN THE INDUSTRY
10 years

EXPERIENCE WITH GEI
6.5 years

REGISTRATIONS/CERTIFICATIOS
OSHA 40-Hour HAZWOPER
OSHA 30-Hour Construction Safety
Adult First Aid/CPR/AED

PROJECT EXPERIENCE

Beneficial Use – NYC Department of Environmental Protection Water Tunnel Shafts, Queens and Brooklyn, NY. Provided environmental support for the in-situ material classification of more than 25,000 cubic yards of soil/fill to be generated from the construction of two water tunnel shafts. In-situ sampling was performed to limit the need for on-site staging/stockpiling. Soil borings were installed to a depth of up 260 ft. Bgs., and more than 140 soil samples were collected. Sampling procedures and analytical protocols following strict adherence to the NYCDEP-approved Field Sampling Plan.

NYSDEC Brownfield Cleanup Program (BCP), Commercial Dry-Cleaners Astoria, Queens, NY. Past operations included a commercial dry-cleaning operation and an auto repair facility. Provided oversight for remedial investigation activities and coauthor of the Remedial Investigation Report (RIR) with impacts to soil, soil vapor, and groundwater. Managed field implementation of the Interim Remedial Measure (IRM) work plan which included impacted soil excavation, off-site disposal and a Community Air Monitoring Plan (CAMP). The Remedial Action Work Plan included installation of an active sub-slab depressurization system (SSDS) and In-Situ Chemical Oxidation (ISCO) treatment of impacted groundwater. The Final Engineering Report was approved by NYSDEC, and the Certificate of Completion was issued in December 2021. Managed the SSDS Startup and Monthly Operation and Maintenance (OMM) Inspections and Quarterly Post-Remedial Groundwater Monitoring.er results to date have shown a significant reduction in Tetrachloroethene (PCE) concentrations. Remedial Actions at the site were performed in conjunction with the construction of a multi-story residential building with a full basement. Served as Project Manager for post-remedial groundwater monitoring and SSDS OMM. Co-author Quarterly Groundwater Monitoring Reports and Annual Periodic Review Reports.

NYSDEC Brownfield Cleanup Program (BCP), Joey's Cleaners, Bronx, NY. Provided oversight for remedial investigation activities and supplemental remedial investigation activities and coauthor of the Remedial Investigation Report (RIR) for an active dry-cleaning operation with onsite and potential off-site impacts to soil, soil vapor, and groundwater. Remedial investigation included two supplemental investigations to fully delineate off-site contamination, as well as soil vapor intrusion testing in a neighboring residence. Investigations were performed in conjunction with the active commercial tenants to minimize disruption to the ongoing businesses at the Site. The Remedial Investigation Report (RIR) was approved by NYSDEC and NYSDOH. Managed the installation of an active Sub-Slab Depressurization System (SSDS) as specified in the NYSDEC-approved Interim Remedial Measure Work Plan (IRMWP). Co-Author of NYSDEC-approved IRM Construction Completion Report. Project work to date is on time and within the projected budget.

NYSDEC Brownfield Cleanup Program (BCP), Clearview Cleaners, Queens, NY. Managed on and off-site supplemental remedial investigation activities and the preparation of the Remedial Investigation Report (RIR) for a dry-cleaning operation with onsite and potential off-site impacts to soil, soil vapor, and groundwater. An

Interim Remedial Measure Work Plan design was completed. Project work to date is on time and within the projected budget.

NYCOER E-Designation Requirements and NYSDEC Spill Remediation, Hillside Avenue, Jamaica, NY. Manage decommissioning of a former gasoline filling station including removing four underground gasoline storage tanks. The OER-required remedial investigation was performed concurrently. In response to soil contamination identified, a spill incident was called into NYSDEC. Manage supplemental remedial investigation with strict adherence to a NYSDEC and NYCOER-approved work plan. Co-author of project documents including submission of Remedial Investigation Work Plan and Site-Specific Health and Safety Plan (HASP), Remedial Investigation Report (RIR), Supplemental RIWP and Supplemental RIR, and the Remedial Action Work Plan (RAWP). Remedial action is expected to begin in 2025.

NYCOER E-Designation Requirements and NYSDEC Spill Remediation, Jerome Avenue, Bronx, NY. Co-author Remedial Action Work Plan (RAWP) which included excavation and removal of petroleum-impacted soil and installation of a sub-slab depressurization system (SSDS). Mange the remedial action and co-author spill closure report for submittal to NYSDEC. Formal spill closure was issued by NYSDEC in 2023. Co-author Remedial Closure Report (RCR) for submittal to NYCOER.

NYCOER E-Designation Requirements, 49th Avenue, Long Island City, NY. Managed the OER-required Remedial Investigation and subsequent Remedial Action. Coauthor of project documents including submission of Remedial Investigation Work Plan and Site-Specific Health and Safety Plan (HASP), Remedial Investigation Report (RIR), Remedial Action Work Plan (RAWP), and Remedial Closure Report. Project Manager for the implementation of the RAWP which included the removal and off-Site disposal of more than 1,300 tons of soil, as well as installation of a vapor barrier and composite cover system. Final OER Notice of Satisfaction (NOS) was received in 2024.

NYCOER VCP Program, E-Designation Requirements, 31st Street, Astoria, NY. Managed the OER-required Remedial Investigation. Coauthor of project documents including, submission of Remedial Investigation Work Plan and Site-Specific Health and Safety Plan (HASP), Remedial Investigation Report (RIR), and the Remedial Action Work Plan (RAWP). Project Manager for the oversight for the implementation of the Remedial Action Work Plan, including the removal and off-site disposal of over 13,000 CY of soil, including 1,170 CY of soil which was transferred to the NYCOER Clean Soil Stockpile. Remedial action was completed in early 2024.

NYSDEC Spill Remediation, Long Island City, NY. Co-author of groundwater remediation plan which designed a remediation strategy for an open petroleum spill. Directed the installation of monitoring wells and recovery wells in a narrow sidewalk between an active 15-story commercial/residential building with an adjacent underground subway line as well as several utility conduits, located in a densely populated area of Queens. Managed the injection of over 12,500-gallons of water/Petro Fix mix to remediate a dissolved petroleum plume. Groundwater results to date have shown a significant reduction in petroleum-related Volatile Organic Compounds (VOCs). Field work was managed to minimize disruptions to local businesses and residents and avoid potential damage to NY Transit and utility equipment. Co-author Spill Closure Report. Formal closure from NYSDEC was received in 2024.

Environmental Due Diligence, Mavis Tire Supply Corp., Various Locations, RI and MA. Provide environmental due diligence forensic research during the acquisition of 105 automotive service properties in New England. The work entailed desktop review of relevant environmental documents. In addition, performance of site inspections of locations throughout New England to understand potential environmental liabilities prior to acquisition.

Environmental Due Diligence, Gateway Tire Acquisition, Mavis Tire Supply Corp., Various locations, TX and LA. Provided environmental due diligence during the acquisition of 12 various properties located throughout Texas and Louisiana. Phase 1 and Phase 2 investigation reports were prepared within a 30-day period to understand potential environmental liabilities prior to acquisition. Reports were prepared for investor review and financial risk assessment.

Environmental Due Diligence, Tuffy Tire Acquisition, Mavis Tire Supply Corp., Tampa, FL. Assessment and investigation of site history and potential presence of recognized environmental conditions during the acquisition of 4 automotive service properties. Phase 1 investigation reports were prepared within a 30-day period to understand potential environmental liabilities prior to acquisition. Reports were prepared for investor review and financial risk assessment.

Gasoline Station Decommissioning, Mavis Tire Supply Corp., Wayne, NJ. Performed field oversight for decommissioning of a gasoline service station under supervision of GEI's licensed site remediation professional (LSRP). Provide subcontractor oversight for removal of three 10,000-gallon underground storage tanks, one 12,000-gallon underground storage tank and all associated piping and dispenser pumps. Cleanup actions included excavation and off-site disposal of impacted soils as well as excavation dewatering of impacted groundwater. Performed all required soil sampling to confirm that all impacted soil was removed. Also provided subcontractor oversight for installation of groundwater monitoring wells.

Former Auto Repair Shop, Syosset, NY. Performed Phase I ESA which identified several recognized environmental conditions (RECs) in connection with stormwater drains, hydraulic lifts, and a former septic system. Provided oversight for Phase II ESA which identified contaminated sediment within parking lot storm drains and contaminated soils surrounding the former hydraulic lifts. Provided oversight for remedial action including the United States Environmental Protection Agency (USEPA) Class V Underground Injection Control (UIC) cleanouts and underground hydraulic lift removal to prepare a property for a future sale. Coordination and work plan approvals were required by several regulatory agencies including USEPA, NYSDEC, and Nassau County Department of Health (NCDH). Co-author Phase I and Phase II ESA reports and Remedial Action Report (RAR).

Legionella Remediation, Residential Building, Bronx, NY. Managed the implementation of a Long-Term Legionella Remediation Plan where the building water supply is under active treatment. Responsible for regular monitoring of the copper-silver ionization water treatment system to prevent buildup of Legionella bacteria in potable water. Perform scheduled legionella sampling to confirm Legionellae bacteria are no longer present in the potable building's water supply. Perform regular system maintenance, along with collection of potable water samples and field monitoring of copper concentrations.

East 115th Street Former MGP (Manufactured Gas Plant) Site, Con Edison, New York, NY. Field Manager for the startup and ongoing Operations, Maintenance, and Monitoring (OMM) of a large-scale sub-slab depressurization system (SSDS) installed in an active high school. OMM includes quarterly and annual inspections and confirmation of the SSDS performance. Responsibilities include troubleshooting and inspecting system components and quarterly monitoring sub-slab and extraction points. Co-author of annual Periodic Review Reports.

NYSDEC Brownfield Cleanup Program (BCP) Remedial Investigation, Redevelopment Site, New York, NY. Field Manager responsible for implementing remedial investigation activities and coauthor of the Remedial Investigation Report (RIR) for a large redevelopment Site with onsite and potential off-site impacts to soil, soil vapor, and groundwater. Conducted field operations for supplemental remedial investigation and co-authored the Supplemental Remedial Investigation Report.

PREVIOUS PROJECT EXPERIENCE

Phase I/II Environmental Site Investigations and Assessments, Numerous Sites in New York City and Long Island, NY. Assessment and investigation of site history and potential presence of recognized environmental conditions. Performed contractor oversight for various subsurface investigations and conducted environmental sampling for laboratory analysis. Preparation of Phase I/II Reports for review by various government agencies and clients.

NYCOER VCP Program, E-Designation Requirements, Brooklyn, NY. Provide soil removal and excavation oversight, inspections of engineering controls. Serve as site safety officer and co-author Remedial Action Report approved by NYCOER in 2017.

NYSDEC BCP Program, Brooklyn, NY. Perform field oversight for Remedial Investigation, including soil, soil vapor, and groundwater sampling, along with serving as site safety officer. Co-author Remedial Investigation Report (RIR) and Remedial Action Work Plan (RAWP) approved by NYSDEC in late 2017.

Hooker/Ruco Superfund Site, Hicksville, NY. Manage day-to-day operations and maintenance of biosparge groundwater remediation system. Serve as site safety officer and lead field personnel during semi-annual groundwater sampling events.

PROFESSIONAL AFFILIATIONS

New York City Brownfield Partnership – Board Member

Nicholas J. Recchia, P.G.
Environmental Practice Leader - Hydrogeologist

resume

Nicholas Recchia's responsibilities include the development, management, and supervision of hazardous waste site investigations and remedial corrective actions for commercial/industrial and government properties. These responsibilities include project management for remedial investigation and remediation operations, specializing in soil, soil vapor and groundwater studies and remedial cleanup of contamination at commercial/industrial facilities, evaluation of soil and groundwater impacts for planned developments from New England to Florida. He has performed remedial subsurface investigations at over 2,000 sites.

Mr. Recchia has also completed remedial cleanup actions at over 300 sites within the New York City metropolitan area. He is familiar with New York City Department of Environmental Protection (NYCDEP), New York State Department of Environmental Conservation (NYSDEC), NYC Office of Environmental Remediation (NYCOER), NYC Economic Development Corporation (NYCEDC), and NYC Housing Development and Preservation (NYCHDP) environmental guidelines, regulations, and policies.

PROJECT EXPERIENCE

NYSDEC Brownfield Cleanup Program (BCP) Remedial Action Cleanup, Concourse Village West Apartments West and South Sites Bronx, NY. Historical auto/truck repair and fueling operations impacted onsite soil and groundwater where three residential apartment buildings were planned for development. Cleanup actions included excavation and off-site disposal of impacted soils, removal of underground petroleum storage tanks and in-situ treatment (ISCO) of on-site groundwater using chemical oxidants. Administrative controls include a Site Management Plan and Environmental Easement. The goal of the cleanup action was to achieve cleanup levels that protect public health and the environment. Remedial action was completed in the Fall 2019. The Final Engineering Report (FER) was approved by NYSDEC in November 2019 and NYSDEC issued the Certificate of Completion (COC) in December 2019.

NYSDEC Brownfield Cleanup Program (BCP) Remedial Investigation, Commercial Dry-Cleaners 31st Street Astoria, Queens, NY. Current and past operations include a commercial dry-cleaning operation. The property is scheduled for residential development in Spring 2020. The remedial investigation activities included the preparation of a Remedial Investigation Report (RIR) with onsite and potential offsite impacts to soil, soil vapor, and groundwater. Work included the BCP application, a Remedial Action Work Plan and Interim Remedial Measure design. A remedial Action Work Plan (RAWP) was designed in Fall 2019. The plan included provisions for impacted soil excavation and off-site disposal, installation of an active sub-slab depressurization system (SSDS) and ISCO treatment of impacted groundwater.

EDUCATION
M.S., Earth Science, Hydrogeology, Adelphi University
B.S., Geology and Water Resources Dual Degree, SUNY Oneonta

EXPERIENCE IN THE INDUSTRY
33 years

EXPERIENCE WITH GEI
29 years

REGISTRATIONS AND LICENSES
NY Professional Geologist No.14
IN Professional Geologist, No. IN1120
NJ Licensed Subsurface Evaluator, No. 0013038

CERTIFICATIONS
NYS Dept. of Environmental Conservation Erosion and Sediment Control, SWT
National Ground Water Association Certified Well Driller, CWD No.201440

PROFESSIONAL ASSOCIATIONS
Association of Groundwater Scientists and Engineers, Member
Association of Engineering Geologists, Member
Association for the Environmental Health of Soils, Member
New York State Council of Professional Geologists, Board Member 2014-Present
Long Island Association of Professional Geologists, Member
National Ground Water Association, Member

GEI Consultants

NYCOER Voluntary Cleanup Program (VCP), E-Designation Requirements, Beverly's Place Brooklyn, NY. The client has planned an affordable housing project and community space on the former Mastermade Furniture Company property. Funding was provided by New York City Housing Preservation (NYCHPD). Elevated concentrations of chlorinated volatile organic compounds (CVOCs) were found in soil vapor and groundwater. GEI prepared documents to enter the site into the NYCOER VCP program. The work scope included submission of Phase I ESA, Remedial Investigation Work Plan and Site Specific Health and Safety Plan (HASP), remedial investigation report (RIR), and the remedial action work plan (RAWP). GEI designed and installed a Soil Vapor Extraction (SVE) system in the new building to mitigate residual CVOCs. GEI is continuing provide Operational Monitoring and Maintenance (OM&M) of the SVE system and engineering support to the building operator.

Brownfield Cleanup Program (BCP) Remedial Investigation, Joeys Cleaner's, Bronx, NY. Project Manager including remedial investigation activities and the preparation of the Remedial Investigation Report (RIR) for a dry-cleaning operation with onsite and potential off-site impacts to soil, soil vapor, and groundwater. The Remedial Investigation Work was completed and pending NYSDEC and New York State Department of Health (NYSDOH) review and approval. Project work to date is on time and within the projected budget.

Brownfield Cleanup Program (BCP) Remedial Investigation, Clearview Cleaners, Queens, NY. Project Manager including remedial investigation activities and the preparation of the Remedial Investigation Report (RIR) for a dry-cleaning operation with onsite and potential off-site impacts to soil, soil vapor, and groundwater. A Remedial Action Work Plan and Interim Remedial Measure design was completed. The Feasibility Study (FS) is presently under design and a remedy selection is pending NYSDEC and New York State Department of Health (NYSDOH) review and approval. Project work to date is on time and within the projected budget.

Environmental Due Diligence, Sun Tire Aquisition, Mavis Tire Supply Corp., Various locations, FL. Provided environmental due-diligence during the acquisition of 13 various properties. Phase 1 and Phase 2 investigation reports were prepared within a 30 day period to understand potential environmental liabilities prior to acquisition. Reports were prepared for investor review and financial risk assessment.

Environmental Due Diligence, Project Special K, Mavis Tire Supply Corp., Various locations GA and FL Provided environmental due-diligence during the acquisition of 72 various properties. The work entailed assemblage and detailed review of previous Phase 1 and Phase 2 investigation reports to understand potential environmental liabilities. In areas where data gaps were identified additional investigation and reporting were provided to provide business negotiations and financial support.

Phase II Environmental Subsurface Investigation, Mavis Tire Supply Corp., Warren, NJ. The property site had a historic gasoline service station and automobile repair facility operating from circa 1940s-1970s. The purpose of this investigation was to determine if any impacts from the former gasoline and automotive repair activities, in ground hydraulic lift units, former underground petroleum storage tanks (USTs), closed NYSDEC spill incidents, the parking lot storm-water drainage structures, interior floor drains, and the oil water separator had impacted onsite soils, soil vapor and groundwater.

Waste Characterization Sampling and Analysis, Riverdale Equities, Bronx, NY. GEI collected samples for waste disposal pre-classification analysis for a planned mass foundation excavation contaminated soil stockpiles. The stockpiles sampled in accordance with the sample frequency established the New York State Department of Environmental Conservation document titled "DER-10/Technical Guidance for Site Investigation and Remediation" (DER-10). GEI provided detailed soil disposal options based upon the soil chemistry and geotechnical value of the stockpiled material.

NYSDEC Brownfield Cleanup Program (BCP) Site(s) #C203291 and C203092, Concourse Village West, Bronx, NY. Assisted the developer with the NYC Jumpstart program and transfer to the NYSDEC BCP program including BCP application, remedial investigation activities, the preparation of the Remedial Investigation Report (RIR) and the remedial action work plan for a planned three-building apartment complex with community space.

Interim Remedial Investigation, Former Safety Kleen Drycleaners, New Windsor, NY. Project Manager including remedial investigation activities and the preparation of the Remedial Investigation Report (RIR) for a dry-cleaning operation with onsite and potential off-site impacts to soil, soil vapor, and groundwater. A Remedial Action Work Plan and Interim Remedial Measure design was completed. The Feasibility Study (FS) is presently under design and a remedy selection is pending NYSDEC and New York State Department of Health (NYSDOH) review and approval. Project work to date is on time and within the projected budget.

Spill Investigation, Lemle and Wolff, Inc., Manhattan, NY. GEI created a work plan to perform an environmental investigation in association with the delineation of NYSDEC spill number. NYSDEC suspected that petroleum from historical fueling operations at the subject property remote fill located in the sidewalk was responsible for gross contamination to soil and groundwater. The purpose of the investigation was to collect information to help determine if petroleum contamination identified at the location of the remote fueling line could be migrating along the sidewalk of the subject property. GEI determined that the spill was originating from an adjacent site and the NYSDEC closed the spill file. The project was completed on time and within budget.

Brownfields Cleanup Program NYSDEC Site #C224162 DCA-1 Apartments, Brooklyn, NY. Historic dry-cleaning operation discharged tetrachloroethylene (PCE) into on-site soils and ground water. GEI entered the site into the NYSDEC's Brownfield Cleanup Program. GEI developed and designed a Remedial Investigation (RI) and subsequent Remedial Action Work Plan (RAWP) to address the soil, soil vapor, and ground water impacts. The remedial action remedy was selected and constructed within the accepted timeframe and budget. NYSDEC issued the certificate of completion (COC) in December 2016.

Environmental Management Services Remedial Action Plan and Construction Health and Safety Plan (CHASP), Lantern Group, Bronx, NY. The Lantern Group was seeking a use-variance from the New York City Board of Standards and Appeals (BSA) pursuant to section 72-21 of the Zoning Resolution to permit construction of a Use Group 3 community facility building with the New York City Department of Environmental Protection (NYCDEP). GEI prepared work plan documents and performed remedial corrective action in accordance with a NYCDEP-approved Remedial Action Plan (RAP). NYCDEP approved the work and a notice to proceed was issued for the projects development. The project was completed and all environmental requirements have been satisfied with final approvals from NYCDEP.

NYCOER VCP Program Remedial Corrective Action, Mass Soil Excavation and Cover System Design, Woodrow Plaza, Staten Island, NY. Woodrow Plaza LLC was seeking to develop two parcels where past historic and past activities impacted soil quality. GEI entered the site into the NYSOER VCP with a remedy consisting of mass soil excavation and a composite soil cover system design. This enabled a significant savings on the foundation construction elements. Two large 45,000 square foot buildings were constructed. The remedial investigation and stipulation agreement were approved by NYCOER. Project has been constructed and the remedial action report has recently been approved by OER in October 2016. The ownership is applying for various grants available through the NYC BIG program.

Gary Rozmus, P.E.
Senior Consultant

resume

Gary Rozmus is a recognized leader in the environmental services and Brownfield redevelopment marketplace. His expertise is in Site assessment (Phase I, II and II ESAs, soil vapor intrusion and RI/FS); remediation; Brownfield redevelopment and risk-based closure (including area-wide and site specific planning and redevelopment through the NYSBCP and NYCVCP); environmental compliance; regulatory interaction and negotiations; permitting; impact assessments; hazardous materials management (including asbestos containing materials-ACM, lead-based paint and other building and facility hazardous materials); GIS mapping and inventory; hazardous and non-hazardous waste management; litigation support; design, construction and facility decommissioning and demolition environmental services; stormwater and wastewater management; natural resource assessments; landfill closure; emergency incident/derailment consulting response; sustainable environmental design; and real estate transaction and support.

EDUCATION
M.S., Civil Engineering, Polytechnic Institute of New York
B.S., Civil Engineering, Manhattan College

EXPERIENCE IN THE INDUSTRY
48 years

EXPERIENCE WITH GEI
10 years

REGISTRATIONS AND LICENSES
Professional Engineer, NY No. 056744

PROJECT EXPERIENCE

Public and Private Sector Clients
Directed and provided senior project management services to public clients including NYC Mayor's Office of Environmental Remediation, NYC Economic Development Corporation, Transit Companies (e.g. Long Island Railroad, Metro North Railroad, NYCTA, NJT, SEPTA, WMATA), Triborough Bridge and Tunnel Authority, NYS and NYC DOT, other NYC agencies, other NY municipalities; and private clients including Class I freight railroads, attorneys; manufacturers and distributors (e.g. Duracell and Frito Lay), developers, communication companies and construction contractors.

- Directed multi-year Brownfield consulting services contracts through the NYCEDC for the NYCMOER. Led a team of environmental planners and GIS specialists in developing the initial version of the NYC SPEED portal, which mapped the entire City of NY and identified select vacant Brownfield sites and environmental/Phase I data as well as many other informational features
- Managed area-wide Brownfield contracts under nine NYSDOS Brownfield Opportunity Area (BOA) grant awards.
- Managed numerous contaminated site redevelopment projects including sites in the New York State Brownfield Cleanup Program, NYC Voluntary Cleanup Program, and sites under Consent Order.

SUMMARY OF EXPERIENCE

Brownfield Cleanup Program and Vacant Properties Database/SPEED Portal (Searchable Property Environmental E-Database), New York, NY, NYC Mayor's Office of Environmental Remediation. Environmental Project Manager involved with the development of the initial version of the SPEED portal to promote the redevelopment of potentially contaminated and under-used sites throughout the City. The City's BCP is the first municipal program of its kind in the country and it is intended to facilitate the fast and efficient cleanup and reuse of contaminated sites. One of the key elements of the PLANYC was the creation of the SPEED portal to identify historical site uses and potential Brownfield sites for redevelopment across the City. The SPEED portal assists in the rapid redevelopment of vacant and contaminated sites and allows the City to measure long-term progress toward the Plan's goals.

Hunts Point Site In-Situ Solidification, Resiliency, and Related Projects NYS Brownfield Cleanup Program (BCP) Sites , NYC Economic Development Corporation, Bronx, NY. Lead Environmental Engineer. GEI is contracted by NYCEDC to perform all required investigation, report preparation, remedial design, and engineering to bring multiple Brownfield Cleanup Program (BCP) sites located in the Hunts Point

Food Distribution Center located in the Bronx through the full Program. This has resulted to date with multiple investigations, design of two In-Situ Solidification (ISS) remedies for Manufactured Gas Plant waste, one completed redevelopment expansion of a significant food distribution facility, and creation of a greenway and waterfront park. Currently two additional expansions of existing facilities are under design, along with a resiliency power generation project and two additional large-scale remedies. When the projects are completed, they will have transformed well over 100 acres of additional commercial space to be developed and protected from climate change and sea level rise through adaptive resiliency. GEI has been involved in virtually all aspects of planning, feasibility, public outreach, environmental assessment, design and implementation of the remedy and redevelopment efforts. Reuse for all parcels is the end goal for each Site.

Inwood/Manhattan NY Affordable Housing NYS Brownfield Cleanup Program (BCP) Development. Senior certifying engineer for a fully affordable 30-story residential building with ground floor commercial space and parking at 3875 9th Avenue taken through the NYS Brownfield Cleanup Program (BCP). Activities included site assessment and investigation; remedial action development, implementation and post-remedial site management; permitting; inter-agency coordination; and community outreach. The redeveloped site will provide residents waterfront access to the Harlem River and a new NYC Park to the north. Multiple City stakeholders played a role in the successful development of the site including NYC Housing Preservation and Development (HPD), Waterfront Planning Commission, Public Design Commission; NYC Parks and Recreation, NYC Housing Development Corp (HDC), Mayor's Office of Environmental Remediation (MOER) and the MOER Jumpstart Program, NYC Economic Development Corp and NYS regulatory agencies.

Commercial Laundry Facility, Leverpool NY, NYS Brownfield Cleanup Program (BCP) Site. GEI was retained to conduct initial site characterization to support a two Phase construction project. GEI identified tetrachlorethene (PCE) impacts in soil and groundwater primarily located beneath the original main operations building. GEI worked closely with the client, its construction contractor, and the NYSDEC to implement investigation and remediation requirements with minimal impacts to the facility renovation activities. GEI provided community air monitoring, environmental compliance assistance, and waste disposal support during construction while continuing site characterization activities and assisting with applying for the BCP and executing the Brownfields Cleanup Agreement (BCA). GEI also performed interim remedial measures (IRMs) to address the PCE impacts in conjunction with the renovations. This included injection of treatment reagents (zero-valent iron, emulsified zero-valent iron, and nutrient addition) in an identified source area on an expedited basis immediately following demolition of main operations building and prior to beginning Phase 2 construction. It also included design and oversight of the contractor's installation of a vapor barrier and active vapor mitigation system in the new facility.

NYS Brownfield Cleanup Program (BCP) Site redevelopment, Brooklyn, NY. GEI retained to assist in remedial actions for a site scheduled for redevelopment under the NYSDEC BCP Program, including historical documents reviews; implementation of soil characterization and remedial excavation activities; coordination and planning with NYSDEC and client counsel; management of field investigation activities; real-time interpretation of field data; and coordination with project subcontractors and client contacts. A Certificate of Completion (COC) was obtained from NYSDEC in December, 2023.

NYS Brownfield Cleanup Program (BCP) Dry Cleaners Site, Bronx, NY. GEI was retained to lead remedial and supplemental investigation activities and the preparation of the Remedial Investigation Report (RIR) for a dry-cleaning operation with onsite and potential off- site impacts to soil, soil vapor, and groundwater. The remedial investigation work was completed and approved by NYSDEC and New York State Department of Health (NYSDOH). An Interim Remedial Measure (IRM) plan for the mitigation of soil vapor intrusion into site and adjacent site buildings was prepared.

Three NYS BCP Sites Redeveloped into Multi-Use Developments. GEI was retained to assist in the redevelopment of three sites on Long Island into multi-use retail and residential developments. GEI led the investigation and remediation of the sites. Two of the sites have attained Certificates of Completion (COCs) and the third site is currently under remediation and construction with COC potentially scheduled for 2024.

City of Mt. Vernon Canal Village Brownfield Opportunity Area (BOA) and Local Waterfront Revitalization Plan (LWRP) Study, Mt. Vernon, NY. Environmental Project Manager for the Canal Village combined BOA and LWRP project to develop a redevelopment plan for the 251-acre waterfront area which includes the industrial area in the southeast corner of the City. This area lays along the eastern edge of the city limits that coincide with the Hutchinson River and its southern boundary with the Bronx, New York City. Because this planning effort has been made possible by two separate grants being combined—New York State's BOA and LWRP programs—there are two separate project boundaries which overlap. The work will serve as a BOA Nomination Report and as a neighborhood master plan for the Canal Village and the Hutchinson River Waterfront. This project included a study of the transportation and pedestrian network; industrial sector and regional relationships; strategic redevelopment sites investigation; public outreach; climate change impacts, habitat restoration, waterfront redevelopment plans, and green infrastructure opportunities; economic and market conditions study; urban design and open space considerations; and priority/catalytic redevelopment site selections.

Newtown Creek Brownfield Opportunity Area, Brooklyn, NY, Greenpoint Manufacturing and Design Center. Project Manager coordinating following tasks: planning, developing a public engagement strategy, attending meetings, analyzing existing conditions of the study area, developing conceptual design guidelines, completing an economic analysis, developing a geographic information system (GIS) database, and preparing project recommendations and a Nomination plan document.

Greater Jamaica Brownfield Opportunity Area Study, Jamaica NY. Project Manager. Evaluated the potential for redevelopment of several former industrial parcels located adjacent to the Long Island Railroad Station and the recently developed MTA JFK Airlink terminal. The project focused on developing strategic land use and policy strategies to support public-private partnerships for the development of a transit-oriented development in the city blocks adjacent to the station. The proposed development includes a series of mixed-use mid-rise buildings and a hotel. Services included Site Reuse Planning, Infrastructure Analysis, Environmental Assessments and traffic impacts analysis. This BOA has received a Step 3 Implementation grant.

High Line Elevated Rail, New York, NY, CSX Transportation. Senior Project Manager responsible for reviewing demolition and material management plans involved with the demolition/ redevelopment of the Highline extending from midtown to downtown Manhattan. The elevated railroad structure was built around 1900 and consists of trackage and ballast in a concrete containment supported by steel columns and extends approximately 1.7 miles. Assisted in addressing liabilities associated with handling ballast, which may be affected by chemical residuals, lead-based paint on the steel work, asbestos-containing materials, and areas of potential concern throughout the abandoned line.

Suffolk County Landbank Corporation Projects, Various Locations, NY. Program Director providing Phase I Environmental Site Assessment (ESA) and Phase II Environmental Site Investigation services to the Suffolk County Landbank (SCLBC) under GEI's Environmental Site Assessment Master Services Contract since July 2014. Projects have involved subcontractor coordination; development of pertinent, targeted site investigation and remediation plans based on property usage and potential property development plans, and to meet applicable end-use requirements and regulations; performance of site work under supervision of senior Environmental Scientists, Geologists and Hydrogeologists; and experience interfacing with the County's Department of Health Services (SCDHS), Public Works (SCDPW) and NYS Department of Environmental Conservation (NYSDEC) staff.

Brownfields Conversion of Rail Yard to Minor League Ballpark and Recreational Facilities, Staten Island, NY, CSX Transportation. Senior Project Manager responsible for a site that has been redeveloped as the New York Yankees minor league baseball park, which includes restaurants and retail activities. This former rail yard consists of 53 acres of shoreline property, including 25 upland areas and 28 acres under water. The site was used as a locomotive and railcar servicing and maintenance facility and switchyard from 1883 to 1994. A presale environmental assessment showed evidence of residuals common to rail yards. Several environmental issues were addressed by removing an underground storage tank and aboveground storage tank, removing asbestos from a fire-damaged pier, closing a weigh-scale pit, and removing debris and a railcar in poor condition.

The site had been leased to a car parking concession, which had filled the leased area and other parts of the property with shredded asphalt shingles. Some of this material was removed from wetland-related areas in accordance with a consent order with the State.

Remedial Investigation/Remedial Alternative Analysis, Brooklyn, NY, Frito-Lay, Inc. Senior Project Manager responsible for providing project oversight and technical and policy assistance for a remedial investigation and alternatives analysis. The remedial investigation was conducted in accordance with New York State Department of Environmental Conservation (NYSDEC) DER-10/BCP Guidelines.

City of Newburgh Brownfield Opportunity Area (BOA) Project, Newburgh, NY.
Environmental Task Leader for the study to create a strategy for revitalizing and redeveloping the Census Tract area of the city of Newburgh, New York. This work included analysis of local, regional, and national markets to determine best land use revitalization, inventory and analysis of brownfield sites, existing land use patterns and zoning, transportation systems and infrastructure, and natural resources and environmental features. Tasks included community outreach and participation in the BOA process and the development of a redevelopment master plan.

Brownfield Redevelopment, Babylon, NY, Town of Babylon. Senior Project Manager and Principal-in-Charge responsible for conducting Phase I and Phase II assessments and end-use planning and for providing other engineering services related to the brownfield redevelopment of the Straight Path Area in the Hamlet of Wyandanch. This work was funded under a U.S. Environmental Protection Agency Brownfield Grant.

Tesla Science Center at Wardenclyffe, NY. Project Director for the investigation and remediation related to the redevelopment of the former Nikolas Tesla Laboratory and Peerless Photo Products Site into revitalized Tesla Science Center in Wardenclyffe Long Island, NY. The redeveloped former laboratory site will house a museum and science education facilities. The Peerless site is a NYS Superfund site which was reclassified as a Class 4 site (Site properly closed – requires continued management) on the State's Registry of Inactive Hazardous Waste Disposal Sites in 2010. Redevelopment activities to be undertaken in the first phases of redevelopment will include demolition of certain buildings, renovation of a visitor's center and updating of site utilities. Work will be conducted in accordance with a consent order between NYSDEC and Tesla.

PROFESSIONAL ASSOCIATIONS

New York City Brownfield Partnership, Former First President and Member of Board of Directors
American Society of Civil Engineers, Member
American Railway Development Association, former President and Member of Board of Directors and former Environmental Committee Co-chair
Railroad Environmental Conference at University of Illinois at Urbana - Champaign (annual), Conference Moderator, Planning Committee and Presenter
National Brownfield Association, Former Member of NYS Executive team and National Advisory Board
Northeast Sustainable Communities Workshop, Conference Moderator and Planner
Brownfield Renewal Magazine, Brownfield Award Judge
EPA National Brownfield Conference, Speaker and Conference Planning Committee
Huntington Harbors and Bays Advisory Council
Atlantic Marine Conservation Society, Board of Directors

Stephen E. Tauss, P.G.
Senior Project Manager

resume

Stephen Tauss is a senior project manager in GEI's Huntington Station office. Mr. Tauss has over 21 years of professional experience covering a broad range of soil and groundwater investigation and remediation projects. Through his many years of experience, Mr. Tauss has become proficient in the planning and management of complex and aggressively scheduled projects, preparing scopes of work and associated budgets, completing, and negotiating contract change orders, preparing qualification packages and technical proposals, and is very familiar with environmental regulations and interacting with multiple regulatory agencies.

EDUCATION
B.A., Geology, Hofstra University

EXPERIENCE IN THE INDUSTRY
21 years

EXPERIENCE WITH GEI
Less than 1 year

REGISTRATIONS AND LICENSES
Professional Geologist, NY
License No. 15

TRAINING AND CERTIFICATIONS
40-Hour OSHA HAZWOPER
Current 8-Hour OSHA Refresher
10-Hour Construction Safety

PROFESSIONAL AFFILIATIONS
Long Island Association of Professional Geologists

PROJECT EXPERIENCE

PREVIOUS PROJECT EXPERIENCE

[For projects BEFORE staff joined GEI]

Groundwater Remediation Project, Confidential Client, Bethpage, NY. Senior Project Staff/Associate Project Manager for a large groundwater remediation project which involves the Operation, Maintenance, and Monitoring (OM&M) of a large-scale 2,500 GPM on-site groundwater containment and remediation system at an expansive former aerospace manufacturing facility located in Bethpage, NY. Project responsibilities included technical and managerial support related to implementing a NYSDEC-compliant OM&M Plan; long-term system, groundwater, and air monitoring; remedial system reliability analysis; and associated third party/stakeholder communication and coordination related to on-site and off-site groundwater impacts. Provided lead and technical support roles for the routine evaluation and annual certification for remedial system effectiveness, involving synthesizing data from the multi-phased groundwater sampling program. Also responsible for leading preparation of various routine Weekly Status Reports, Monthly SPDES Reports, Quarterly OM&M Reports, Quarterly AOC Progress Reports, and Annual OM&M Reports, as well as ensuring the project OM&M Plan and associated Groundwater Sampling Plan remains current and NYSDEC-complaint. Responsibilities have also included leading biweekly Technical Review Meetings with the client. Played significant roles in the coordination with PRPs for data updates related to the ongoing off-site groundwater investigation and remediation activities, and assimilated and evaluated data to support periodic Conceptual Site Model (CSM) refinements and remedial decision-making and strategies.

Remedial Well Redevelopment, Confidential Client, Bethpage, NY. Assisted with the Management of a remedial well redevelopment effort of three deep remedial wells (up to 750 feet below grade) located within a "hot spot" of a large chlorinated VOC plume located in Bethpage, NY. Played an integral role in the devolvement and planning of the biddable scope of work, and identification of key cost cutting measures leading to award of the project. Project responsibilities

include technical and managerial support related to implementing the scope of work; providing technical expertise during all phases of well redevelopment (planning, scoping, video, acid injection, well disinfection, and setting of the remedial pump at the correct elevation); and coordination with multiple subcontractors; coordination of a large multi-disciplined project team. Provided lead technical support roles for the evaluation of well video logs and associated laboratory analytical/technical reports.

NYCT Underground Storage Tank and Environmental Remediation Program, NYCT, NY. Project Manager for the NYCT Underground Storage Tank and Environmental Remediation program, which involved the investigation and remediation of petroleum-contaminated soil and groundwater at 19 NYCT and MTABC bus depots located throughout the five boroughs of New York City. The majority of contamination at the bus depots is associated with the historical storage of diesel fuel, waste oil and other petroleum products. Project responsibilities include coordination directly with NYCT program directors, the NYSDEC and multiple subcontractors; management of project budget and expenditures; development of multiple subcontractor agreements; maintaining strict M/WBE requirement goals; preparation and implementation of investigation work plans; development and negotiation of numerous Task Orders for routine and non-routine work activities; investigation and spill closure reports; development of effective/practical remedial recommendations; leading monthly status meetings between NYCT/ MTABC and the NYSDEC; and the preparation of monthly meeting agendas/minutes and status reports. Responsible for enforcing MTA's contract documents and coordination with NYCT's various subcontractors to ensure that several former groundwater treatment/petroleum recovery systems were properly operated and maintained, while operating.

Substation Remediation Program, LIRR, NY. Project Manager for the LIRR Substation Remediation program. This program involved the investigation and remediation of mercury-contaminated soil at 20 electric substations where mercury-containing rectifiers were historically used to manage electrical power for LIRR's electrified rail system. The project generally includes the delineation and remediation of on/offsite soil and UIC structures, drainage surveys and qualitative exposure assessments to identify potential on-site exposure issues. Responsibilities include coordinating directly with multiple LIRR departments, representatives from NYSDEC, NCDH and SCDHS, and various subcontractors; management of project budget and expenditures; development of multiple subcontractor agreements; and the development of multiple Work Plans and Supplemental Work Plans, Delineation Phase II Site Assessment Reports, Remedial Action Work Plans, Final Engineering Reports and Site Management Plans for each substation. Responsible for the development of remedial design plans and specifications for each substation and assisting the LIRR with the implementation and management of the overall remedial efforts completed at the substations.

Active Industrial and Franklin Cleaners, NYSDEC, Lindenhurst and Hempstead, NY. Project Manager for the NYSDEC Active Industrial and Franklin Cleaners groundwater extraction and treatment remedial programs. The treatment systems at each site were installed to capture and treat groundwater contaminated by PCE and its various breakdown products resulting from spills at the dry-cleaning facilities which historically operated at each site. Project responsibilities included coordinating directly with the NYSDEC project manager; development of project scoping and 2.11 budget packages; management of project budget and expenditures; soliciting and managing OM&M contractors and the management of various subcontractors; analysis of system operating data; preparation of numerous Quarterly, Annual, Periodic Review Reports; and the development of Site Management Plans for each site. Responsible for the development and implementation of comprehensive Remedial System Optimization efforts at each site, to assess the efficiency, effectiveness, and net environmental benefit of each remedy, following approximately two decades of operation.

Site Characterization of the East Garden City Former Gas Holder Station, National Grid, Garden City, NY. Project Manager for the Site Characterization of the East Garden City Former Gas Holder Station. The overall goal of the Site Characterization was to define the extent of MGP-related contamination associated with the former gas holder and historical site filling and re-grading activities, and formulate recommendations based on the investigation findings. Responsibilities included coordinating directly with multiple National Grid departments, the NYSDEC and various National Grid subcontractors; management of project budget and

expenditures; and the development of multiple subcontractor agreements. Managed an IRM excavation in a portion of the site where mercury, arsenic and PAH contamination was identified, and several pipe trench soil characterization and CAMP efforts implemented pursuant to worker and community safety. Responsible for the development and implementation of an annual groundwater sampling program implemented based on the results of the Site Characterization program, and development of a comprehensive Site Management Plan to manage remaining contamination throughout the site.

Appendix K

Construction Health and Safety Plan



GEI Safety
EVERYONE LIVE SAFE EVERYDAY

GEI Consultants

Consulting
Engineers and
Scientists

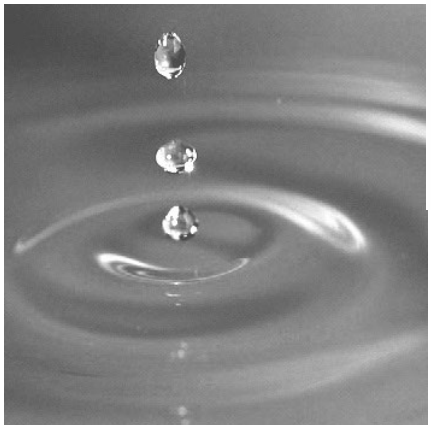
Health and Safety Plan

1099-1135 Webster Avenue
Bronx, New York 10456

Prepared For:
Mega Development Group
48-02 25th Avenue Suite 400
Long Island City, New York 11103
Attn: Mr. Chris Argyriou

Prepared by:
GEI Consultants, Inc., P.C.
1000 New York Avenue, Suite B
Huntington Station, NY 11746
631-760-9300

January 2025
Project No. 2203948



Steve Tauss
Project Manager

Stacey Ng
Regional Safety Manager.

Table of Contents

1. Emergency Contact Information 1

2. GEI Safety Practices to Live By 2

3. Site Background 3
3.1 Site Description 3
3.2 Scope of Field Work 3

4. Potential Hazards 5
4.1 General Site Hazards 5
4.1.1 Hazard Controls 7
4.1.2 Personal Safety 7
4.1.3 Communicable Diseases 8
4.2 Job Hazard Analysis 9
4.3 Heat and Cold Stress 10
4.3.1 Heat Stress 10
4.3.2 Cold Stress 10
4.4 Fall Protection 10
4.5 Constituents of Concern 11
4.5.1 Site-Specific COC 11
4.5.2 Chemicals Brought on Site 17

5. Personal Protective Equipment 18
5.1 Respiratory PPE 18

6. Responsibilities and Lines of Authority 19
6.1 GEI Personnel Responsibilities 19
6.1.1 GEI Safety Director 19
6.1.2 GEI Project Manager 19
6.1.3 GEI Regional Safety Manager 19
6.1.4 GEI Site Safety Manager 20
6.1.5 All GEI Field Personnel 20
6.2 Lines of Authority 20
6.2.1 Stop Work Authority 21
6.3 Subcontractors 21

7. Training Requirements 22
7.1 On-Site Safety Briefings 22

8. Medical Surveillance Program 23

9. Personal/Work Zone Air Monitoring 24
9.1 Calibration 24

9.2 Action Levels 24
9.2.1 VOC Monitoring and Control 25
9.2.2 Dust Monitoring and Control 25

10. Site Control 27
10.1 Site Zones 27
10.2 Buddy System 27
10.3 Sanitation for Temporary Work Sites 27
10.4 Illumination 27
10.5 Smoking 27
10.6 Alcohol and Drug Abuse Prevention 27

11. Incident Reporting 29
11.1 Injury Triage Service 29

12. Decontamination Procedures 30
12.1 Personnel and PPE Decontamination 30
12.2 Equipment Decontamination 30

13. Emergency Response 31
13.1 Evacuation 31
13.2 Fire 31
13.3 Spills or Material Release 31
13.4 Medical Support 32
13.5 Severe Weather 32
13.6 Hazard Communication Plan 32

14. Health and Safety Plan Sign-Off 33

Tables
1. Emergency Contact Information
2. GEI Employee Site Tasks and Descriptions
3. General Site Hazards
4. Primary Constituents of Concern Data

Figure
1. Site Location and Muster Point

Appendices
A. Map to Hospital and Occupational Health Clinic
B. Job Hazard Analyses
C. Safety Data Sheets
D. Forms
E. GEI Health and Safety SOPs and Programs
F. Fall Protection Plan

1. Emergency Contact Information

Table 1. Emergency Contact Information

Site Information	
Project Name:	TEN 99 Development Project
Project Address:	1099-1135 Webster Avenue, Bronx, NY, 10456
Project Number:	2203948
Important Phone Numbers	
Emergency (Police/Fire/Medical):	911
Hospital and Occupational Clinic Information *(See Attached Map and Directions in Appendix A)*	
Local Hospital: Lincoln Medical Center 234 E 149th Street, Bronx, New York 10451	(718) 579-5000
Urgent Care/Occupational Health Clinic: Contact Medcor Triage	Call Medcor Triage 1-800-775-5866
Contacts	
Project Manager: Stephen Tauss	(631) 760-9300 office (631) 560-0951 cell
Safety Director: Steve Hawkins	(860) 368-5348 office (860) 916-4167 cell
Regional Safety Manager: Stacey Ng	(212) 671-1592 office (347) 514-3861 cell
Site Safety Manager: Leif Robertson	(631) 760-9300 office (631) 275-4865 cell
Medcor Triage	1-800-775-5866
Client Contact: Mr. Chris Argyriou	(718) 932-6342 office (718) 514-1424 cell
Other Information	
Contractor Requesting/Performing Utility Clearance: NA	Utility Clearance Ticket Number: NA

2. GEI Safety Practices to Live By

Safety is what we do and how we do it every day. These Everyday Practices to Live Safe are simple yet concise reminders to our employees, clients, contractors, visitors of the steps that must be taken to avoid injury, illness, and incident so everyone can live safe every day. To maintain a safe work environment, GEI has established an organizational structure and a Corporate Health and Safety Program along with these safety practices.

1. Stop work if it is unsafe to continue, after any incident, injury, or near miss.
2. Prepare before starting work. Complete safety training and project-related safety requirements, such as preparation and review Health and Safety Plans (HASPs) as required by project or job-related duties.
3. Assess and control safety hazards/risks before starting any tasks and when previously unidentified safety hazards are observed.
4. Be attentive and aware of your environment. Constant focus and awareness will avoid complacency.
5. Properly use and maintain GEI-approved and required PPE in all appropriate circumstances.
6. Do not work or drive impaired, including under the influence of alcohol/drugs or while fatigued.
7. Follow all safety practices when operating a vehicle . Always wear your seatbelt while in any vehicle. Do not drive distracted, including using hand-held cell phones, when operating any vehicle.
8. Use tools, equipment, and safety devices in accordance with manufacturers recommendations and GEI expectations. Never modify or override safety devices.
9. When activities involve chemicals or hazardous substances, follow GEI's hazard communication requirements, including labeling, reviewing Safety Data Sheets (SDS), and keeping proper protections in place.
10. Be aware of and keep clear of equipment moving in all work areas, at all times.
11. Follow GEI's incident reporting procedure in the event of safety incidents, including injuries, illness, near misses, or observation of unsafe behaviors.

3. Site Background

This HASP establishes policies and procedures to protect GEI Consultants, Inc. (GEI) personnel from the potential hazards posed by the activities at the Site located at 1099-1135 Webster Avenue in the Bronx, New York (Fig. 1). Reading, understanding, and compliance with the contents of the HASP is required for on-site GEI personnel and will be reviewed by GEI subcontractors. Subcontractors will prepare their own site-specific HASP but may use this HASP as a guide. This HASP identifies measures to minimize accidents and injuries which may result from site conditions or activities. A copy of this HASP will be maintained on site for the duration of the work.

3.1 Site Description

The Site at 1099-1135 Webster Avenue, Bronx, New York consists of a 36,840 square-foot rectangular shaped lot. The northern two thirds of the Site contain a 1-story, masonry and wood frame garage building which was divided into four commercial spaces. In addition, there are two small, partial basement areas below the building. The southern third of the Site contains a parking lot. Most of the surface is paved with concrete; however, the area along the southern boundary of the site is unpaved. The lot is secured by chain link fencing with a locking gate along Webster Avenue.

3.2 Scope of Field Work

GEI will be on-site to oversee the excavation of soil/fill exceeding Track 1 SCOs listed in Table 1, installation and maintenance of an SSD beneath the building foundation slab to address potential soil vapor intrusion and the installation and maintenance of an SVE system beneath the building foundation slab to address potential soil vapor intrusion, if warranted.

Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during any intrusive Site work, as well as collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of Track 1 SCOs.

Table 2. GEI Employee Site Tasks and Descriptions

Task Number	Task Titles	Task Descriptions
1.	Driving – Site Mobilization	Drive to the project site to complete the work.
2.	Soil Sampling	GEI will soil collect soil samples from the open excavation
3.	Soil Vapor Sampling	GEI will collect soil vapor samples and an outdoor air sample via Summa canisters.
4.	Excavation Oversight	GEI will perform oversight of the remedial excavation.

Notes:
Task Titles correlate to a prepared site-specific JHAs.
Task Descriptions are a brief summary of the task being performed by GEI.

4. Potential Hazards

The potential hazards associated with site conditions and activity hazards related to GEI on-site activities have been identified in this section. Detailed information for these hazards and their control methods are discussed further in the Table 3 and the job hazard analysis (JHAs) included in Appendix B.

4.1 General Site Hazards

General hazards and control measures that are applicable to all site activities have been identified in Table 3.

Table 3. General Site Hazards

General Hazards These Hazards Apply to All Site Activities	Control Measure
Coronavirus COVID-19	• Do not go to work if you are sick. • Maintain distance from others when possible. • Frequent washing of hands with soap and warm water for 20 seconds. If soap is not available, use hand sanitizer with 60% alcohol. • Wipe down high contact surfaces with disinfectant routinely before and after use. • Avoid sharing equipment when possible. • Use good hygiene practices. • See COVID-19 Consolidated Workplace Guidelines
Cold Stress Hypothermia, Frostbite	• Take breaks in heated shelters when working in extremely cold temperatures. • Drink warm liquids to reduce the susceptibility to cold stress. • Wear protective clothing (recommended three layers: an outside layer to break the wind, a middle layer to provide insulation, and an inner layer of cotton of synthetic weave to allow ventilation). • Wear a hat and insulated boots. • Keep a change of dry clothing available in case clothes become wet. • Do heavy work during the warmer parts of the day and take breaks from the cold. • If possible, shield work areas from drafts of wind and use insulating material on equipment handles when temperatures are below 30°F • Watch for symptoms of cold stress and initiate first aid procedures (Section 4.3.2).
Driving	• Employees must wear their safety belt while in a moving vehicle. • Vehicle accidents will be reported in accordance with GEI's accident reporting procedures. • Vehicles will be properly maintained and safely operated (refer to GEI's Fleet Maintenance Program). • Employees will follow safe driving behaviors, which include limiting distractions such as manipulating radios or other equipment that may cause a distraction. Employees will not exceed the posted speed limit and will maintain a safe distance between other vehicles. • Use defensive driving techniques. • Driving distance and time after a 12-hour shift will not exceed 30 miles or 30 minutes (whichever is greater). • See SOP HS-004

General Hazards These Hazards Apply to All Site Activities	Control Measure
Heat stress Fainting, Fatigue, Heat Stroke	• Increase water intake while working. • Increase number of rest breaks and/or rotate workers in shorter work shifts. Rest in cool, dry areas. • Watch for signs and symptoms of heat exhaustion and fatigue. • Plan work for early morning or evening during hot months. • Use ice vests when necessary. • In the event of heat stroke, bring the victim to a cool environment and initiate first aid procedures. • See Appendix C of the HASP
Physical Injury Slips, Trips and Falls	• Wear PPE that properly fits, is in good condition and appropriate for the activities and hazards. • Maintain good visibility of the work area. • Avoid walking on uneven, steeply sloped or debris ridden ground surfaces. • Plan tasks prior to preforming them including an activity hazard analysis. • Keep trafficked areas free from slip/trip/fall hazards. • Maintain weed growth in sampling areas, especially on slopes. • Wear shoes with traction. • Avoid traversing steep areas in slippery conditions. • Do not carry heavy objects to sampling areas, on steeply sloped areas, or where steep areas must be traversed to arrive at sample points.
Repetitive Motion Injury Standing, Squatting, and Bending Over	• Take regular breaks and do not work in unusual positions for long periods of time. • Walk and stretch between tasks. • See SOP HS-025
Sun Exposure	• Liberally apply sunscreen, with a minimum broad-spectrum sun protection factor (SPF) of 30 • Wear safety glasses that offer protection from ultraviolet A and B (UVA/UVB) rays. • Bring shade to the site to reduce exposure. • When possible, wear long-sleeved shirts and long pants. • Clothes made from tightly woven fabric and darker colors offer the best protection. Some clothing is certified as offering UV protection. • Wear a hat that has a brim all the way around that shades your face, ears, and the back of your neck. A tightly woven fabric, such as canvas, works best to protect your skin from UV rays. • Sunscreen wears off. Put it on again if you stay out in the sun for more than 2 hours. • Check the sunscreen's expiration date. Sunscreen without an expiration date has a shelf life of no more than 3 years.
Utilities Shock, Electrocution, Fire, Explosion	• An underground utility survey must be conducted prior to intrusive activities. Coordination with utility locating services, property owner(s) or utility companies must be conducted. • Utilities are to be considered live or active until documented otherwise. • For overhead utilities within 50 feet, determine with the utility company the appropriate distance. Minimum distance for clearance is based on voltage of the line. • If exposing a utility, proper support and protection must be provided so that the utility will not be damaged. • If a gas line is contacted, the contractor must notify police, fire, and emergency personnel, and evacuate employees according to the site evacuation procedures. No attempt will be made to tamper with or correct the damaged utility. • See SOP HS-014

General Hazards These Hazards Apply to All Site Activities	Control Measure
Noise Hearing loss	• Wear appropriate hearing protection based on the noise. • Remove the hazard by taking away the source of the noise. • Remove the employee from the source of the noise. • Provide the employee with appropriate personal protective equipment (PPE). • Other employees who do not need to be in proximity of the noise should distance themselves from the equipment generating the noise. • See SOP HS-012
Vehicular Traffic Struck by injury, crushing	• Increase visibility of the work area to others by using cones, flags, barricades, proper lighting, and caution tape to define work area. • Use a "spotter" to locate oncoming vehicles. • Use vehicle to block work area. • Engage police detail for all work conducted in appropriate areas. • Wear high-visibility, reflective vest at all times. • Maintain minimum DOT defined distances to other traffic lanes. • See SOP HS-016.

4.1.1 Hazard Controls

On-site safety equipment to control the hazards listed above will include:

Site-Specific Safety Equipment *(check all that apply)*		
☒ Drinking water/electrolyte fluids	☒ Hand cleaner/sanitizer	☐ Tick removal kit
☒ Eye wash bottles	☒ Insect repellent	☐ Other:
☒ Fire extinguisher	☒ Phone charger	☐ Other:
☒ First aid kit	☐ Poison ivy/oak cleanser	☐ Other:
☐ Flashlight/head lamp	☒ Sunscreen	

PPE is discussed in further detail in Section 5.

4.1.2 Personal Safety

Field activities have the potential to take employees into areas which may pose a risk to personal safety. The following websites have been researched to identify potential crime activity in the area of the project:

- https://communitycrimemap.com/
- www.cityrating.com/crimestatistics.asp
- www.crimemapping.com

The crime rate in the Bronx is lower than the New York Averages.

To protect yourself, take the following precautions:

- If deemed necessary by the PM, use the buddy system (teams of a minimum of two persons present).
- Let the Site Safety Manager (SSM) know when you begin work in these areas and when you leave.
- Call in regularly.
- Pay attention to what is going on around you; and
- If you arrive in an area and it does not look safe to get out of your vehicle, lock the doors and drive off quickly but safely.

Employees must not knowingly enter into a situation where there is the potential for physical and violent behaviors to occur. If employees encounter hostile individuals or a confrontation develops in the work area, suspend work activities, immediately leave the area of concern, and contact local 911 for assistance. Notify the SSM and Safety Team (Safety Director and Regional Safety Managers – SafetyTeam@geiconsultants.com)mailto:Health%26safetyteam@geiconsultants.com of any incidents once you are out of potential danger.

In the event of an emergency, prompt communications with local emergency responders are essential. At least one charged and otherwise functioning cell phone to facilitate emergency communications will be on-site. Confirmation of cellular phone operation will be confirmed at the start of each working day.

4.1.3 Communicable Diseases

Communicable diseases are illnesses caused by viruses or bacteria that people spread to one another through contact with contaminated surfaces, bodily fluids, blood products, insect bites, or through the air. Examples of communicable diseases include influenza, coronavirus 2019, hepatitis B, salmonella, measles, and blood-borne illnesses. Most common forms of spread include food, insect bites, droplets, or skin contact. Infections may range in severity from asymptomatic (without symptoms) to severe and fatal. Transmission of these biologic agents can occur in a variety of ways including airborne (inhalation), direct physical contact with an infectious person, consuming contaminated foods or beverages, contact with contaminated body fluids, contact with contaminated inanimate objects, or being bitten by an infected insect or tick. Below are ways to prevent the infection or spread of communicable diseases:

1. **Distancing:** Maintain distance from others when possible. Minimize the number of employees in one location to the extent possible.
2. **Wash Hands Often:** Frequent hand washing with soap and warm water for 20 seconds. If soap and water are not readily available, use hand sanitizer (containing 60% alcohol) until soap and water can be used.

3. **Clean and Disinfect Commonly Used Surfaces**: Wipe down surfaces with disinfectant on a routine basis. This includes field equipment and other items that may have previously been used by others. This is especially important while working in construction trailers. When using company and personal vehicles, wipe surfaces including the steering wheel, gear shifter, controls, and door handles before and after use.
4. **Use Good Hygiene Practices:** These include washing hands frequently, avoid touching your eyes, nose, and mouth, and cover coughs and sneezes.
5. **Get Vaccinated:** Vaccines can prevent many infectious diseases. There are also vaccines that are recommended or required for travel to certain parts of the world.
6. **Avoid Touching Wild Animals:** Be cautious around wild animals as they can spread infectious diseases.
7. Stay home when you are sick.

4.2 Job Hazard Analysis

The site-specific tasks, potential hazards, and control measures established to reduce the risk of injury or illness are identified in step-by-step JHAs included in Appendix B. Prior to the start of work, project team members will determine what tasks are covered in the scope of work (Table 2) and then develop a JHA for each of these tasks and have them reviewed by the Project Manager (PM) or their designee and approved by a member of the Safety Team. Indicated in each JHA are the specific PPE, training, equipment, health and safety SOPs and programs that apply to each task. Additional information on hazard controls can be found in GEI's SOPs and programs that apply to this project which are indicated in Appendix E.

4.3 Heat and Cold Stress

4.3.1 Heat Stress

Employees may be exposed to the hazards associated with heat stress when ambient temperatures exceed 80ºF. To prevent heat-related illness, PMs should plan for proper hydration (drinking plenty of water), acclimatization (getting used to weather conditions), and schedules that alternate work with rest. Employees should also be trained to recognize the symptoms of heat related illnesses and know how to administer first aid for heat-related illnesses and activate emergency medical services quickly when needed. Water and shade will be available to all project employees and located as close as practicable to the work areas when temperatures exceed 80°F.

CDC Heat Planning Tool
For the most recent details and tools for heat stress, use your smart phone to access the Centers for Disease Control for the latest information. Additional details can be found in GEI's Heat Stress Program located on the Safety Resources page of GEI Connections.

Prior to each workday, the forecasted temperature and humidity for the worksite will be reviewed and will be compared against the National Weather Service Heat Index to evaluate the risk level for heat illness. When the temperature equals or exceeds 95°F, or during a heat wave, high heat procedures will be used which include additional preventive measures including pre-shift meetings to encourage employees to drink plenty of water, working in the buddy system or regular communication so observations can be made for heat related illness, and to remind employees of their right to take a cool-down rest when necessary.

4.3.2 Cold Stress

Employees may be exposed to the hazards associated with cold stress when working in cold, wet, and/or windy conditions. Potential hazards in cold environments include frostbite, trench foot or immersion foot, hypothermia, as well as slippery surfaces, brittle equipment, and poor judgment.

CDC Cold Stress Info
For the most recent details and tools for cold stress, use your smart phone to access the Centers for Disease Control for the latest information. Additional details can be found in GEI's Cold Stress Program located on the Safety Resources page of GEI Connections.

4.4 Fall Protection

A Fall Protection Plan will be developed when GEI employees have the potential to conduct the following activities:

- Working near the edge of any excavation that is 6 feet or deeper
- Working on elevated areas with the potential to fall to a lower level
  - Greater than 4 feet in general industry (i.e., buildings, facilities, etc.) when not performing construction activities.

- Greater than 6 feet when construction activities are being performed.

A Fall Protection Plan is included in Appendix F with project-specific details.

4.5 Constituents of Concern

The characteristics of constituents of concern (COC) at the site are discussed below for safety information purposes. A COC is any substance classified or defined as hazardous, extremely hazardous, toxic, or dangerous. The COC included in this HASP will be the primary constituents that have been detected on site or are anticipated to be detected. These COC will be used to determine the action levels and PPE necessary for site personnel. Adherence to the safety and health guidelines in this HASP should reduce the potential for exposure to the COC discussed below.

4.5.1 Site-Specific COC

Chlorinated Hydrocarbons

Chlorinated hydrocarbons (organochlorides) are a very large and diverse group of hydrocarbon molecules that also have at least one covalently bound chlorine atom chemically bonded to them. Chlorinated hydrocarbons are used predominantly as solvents and have historically been used as industrial degreasers, dry cleaning solvents, anesthetic agents and as refrigerants. They are colorless, volatile liquids with a moderately sweet aroma and partially soluble in but denser than water. They are the most common DNAPL.

The more common forms of chlorinated solvent contamination of soils and ground waters include:

- Tetrachloroethene (PCE, Tetrachloroethylene)
- Carbon tetrachloride (Tetrachloromethane or carbon tet)
- Trichloroethylene (TCE,Trichloroethene)
- 1,1,1-TrichloroMethane (Chloroform)
- 1,1,1 - Trichloroethane (TCA, methyl chloroform, chlorothene, Solvent 111)
- Dichloromethane (DCM or methylene chloride)

As a class, the chlorinated hydrocarbons are potent central nervous system (CNS) depressants or stimulants. They also cause greater liver and kidney damage compared to other organic solvents. Many have been shown to cause cancer in laboratory animals; due to widespread industrial use, the issue of carcinogenic risk to humans is one of the most controversial issues in regulatory toxicology.

Exposure to chlorinated hydrocarbon compounds in the occupational setting is primarily through inhalation. Skin absorption is variable and usually insignificant, although dermal absorption following prolonged or extensive skin contact can cause systemic toxicity.

Polyfluoroalkyl Substances

Per- and polyfluoroalkyl substances (PFAS) are a group of compounds resistant to heat, water, and oil. They have been used in industrial applications and consumer products such as carpeting, apparels, upholstery, food paper wrappings, fire-fighting foams, and metal plating. These chemicals are persistent, and resist degradation in the environment. They also bioaccumulate, meaning their concentration increases over time in the blood and organs. At high concentrations, certain PFAS have been linked to adverse health effects in laboratory animals that may reflect associations between exposure to these chemicals and some health problems such as low birth weight, delayed puberty onset, elevated cholesterol levels, and reduced immunologic responses to vaccination. If PFAS are ingested (by eating or drinking food or water than contain PFAS), the PFAS are absorbed, and can accumulate in the body. Studies indicate that PFOA and PFOS can cause reproductive and developmental, liver and kidney, and immunological effects in laboratory animals.

Semi-Volatile Organic Compounds

SVOSc usually consist of a mixture of acenaphthene, acenaphthylene, anthracene, benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluorethene, benz(a)pyrene, benzo(e)pyrene, benzo(g,h,i)peryline, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3cd)pyrene, 2-methyl naphthalene, naphththalene, phenanthrene, phenols, and pyrene.

These SVOCs are present at the Site within impacted soil and groundwater and as a dense non-aqueous phase liquid (DNAPL) by-product of gas production within soils, former manufactured gas plant (MGP) structures, and abandoned pipelines.

These compounds are at environmental concentrations and are not expected to be at concentrations that exposure symptoms would occur. SVOCs such as those listed above may cause contact dermatitis. Direct contact can be irritating to the skin and produce itching, burning, swelling, and redness. Direct contact or exposure to the vapors may be irritating to the eyes. Conjunctivitis may result from prolonged exposure. Many SVOCs are considered to be very toxic, if ingested. High levels of exposure to SVOCs, though not anticipated during work activities conducted during this project, may increase the risk of cancer including lung, kidney, and skin cancer. Naphthalene is also an eye and skin irritant and can cause nausea, headache, fever, anemia, liver damage, vomiting, convulsions, and coma. Poisoning may occur by ingestion of large doses, inhalation, or skin absorption.

The major route of entry for the work activities to be conducted at this Site is through direct contact. Exposure is most likely when handling soil and water samples. Inhalation may

occur when the soil is disturbed causing respirable and nuisance dust particles to become airborne.

Volatile Organic Compounds

VOCs, such as benzene, toluene, ethyl benzene, and xylene (BTEX) are present as soil and groundwater contaminants, and in some cases chemical components in non-aqueous phase liquids (NAPL) such as oil or tar within soils and abandoned pipelines. These compounds are at environmental concentrations and are not expected to be at concentrations that exposure symptoms would occur. These compounds generally have a depressant effect on the CNS, may cause chronic liver and kidney damage, and some are suspected human carcinogens. Benzene is a known human carcinogen. Acute exposure may include headache, dizziness, nausea, and skin and eye irritation. The primary route of exposure to VOCs is through inhalation and therefore respiratory protection is the primary control against exposure to VOCs.

Gasoline and Diesel Fuels

Gasoline is a pale brown or pink liquid made from processed crude oil. It evaporates easily, is very flammable and can form explosive mixtures in air. A typical gasoline mixture contains about 150 different hydrocarbons, including butane, pentane, isopentane and the BTEX compounds (benzene, ethylbenzene, toluene, and xylenes). The most common exposure to gasoline occurs by breathing vapors when filling fuel tanks. Gasoline also can be absorbed through skin during contact, such as when pumping gas or cleaning up a gasoline spill. Many harmful effects of gasoline are due to individual chemicals in gasoline, mainly BTEX, that are present in small amounts. Breathing small amounts of gasoline vapors can lead to nose and throat irritation, headaches, dizziness, nausea, vomiting, confusion and breathing difficulties. Symptoms from swallowing small amounts of gasoline include mouth, throat and stomach irritation, nausea, vomiting, dizziness, and headaches. Some effects of skin contact with gasoline include rashes, redness, and swelling. Being exposed to large amounts of gasoline can lead to coma or death.

Diesel fuel is a complex mixture of hydrocarbons produced by mixing fractions obtained from the distillation of crude oil with brand-specific additives to improve performance. It is a liquid under normal conditions with a characteristic odor. Like most chemicals, the amount of diesel you are exposed to must be above a certain level to cause adverse health effects. A short, one-off exposure to diesel will not normally cause any long-term health effects. Occasional skin exposure may lead to dermatitis (eczema). Breathing large quantities of diesel vapor or drinking diesel-based fluids may cause nonspecific signs and symptoms of poisoning such as dizziness, headache, and vomiting.

Table 4. Primary Constituents of Concern Data

Constituent	Exposure Limit(s)	Route of Exposure	Primary Hazard/ Symptoms of Exposure
Aluminum	TWA 15 mg/m^3 (total) TWA 5 mg/m^3 (resp)	Inhalation, skin and/or eye contact	Irritation eyes, skin, respiratory system
Antimony	TWA 0.5 mg/m^3	Inhalation, ingestion, skin contact, eyes	Irritation eyes, skin, nose, throat, mouth; cough; dizziness; headache; nausea, vomiting, diarrhea; stomach cramps; insomnia; anorexia; unable to smell properly
Arsenic	0.01 mg/m^3 A.L. 0.005mg/m^3	Inhalation, skin absorption, ingestion, skin contact	Ulceration of nasal septum, dermatitis, GI disturbances, peripheral neuropathy, respiratory irritation, hyperpigmentation of skin, potential carcinogen
Barium	TWA 15 mg/m^3 (total) TWA 5 mg/m^3 (resp)	Inhalation, skin and/or eye contact	Irritation eyes, nose, upper respiratory system; benign pneumoconiosis (baritosis)
Benzene	1 ppm TWA 5 ppm STEL	Inhalation, skin absorption, ingestion skin contact	Irritation of eyes, skin, nose, respiratory system, giddiness, headache, nausea; staggering gait, fatigue, anorexia, weakness, dermatitis, bone marrow depression, potential carcinogen
Beryllium	TWA 0.002 mg/m^3 C 0.005 mg/m^3 (30 minutes), with a maximum peak of 0.025 mg/m^3	Inhalation, skin and/or eye contact	Berylliosis (chronic exposure): anorexia, weight loss, lassitude (weakness, exhaustion), chest pain, cough, clubbing of fingers, cyanosis, pulmonary insufficiency; irritation eyes; dermatitis; [potential occupational carcinogen]
Cadmium	TWA 0.005 mg/m^3	Inhalation, ingestion	Pulmonary edema, dyspnea (breathing difficulty), cough, chest tightness, substernal (occurring beneath the sternum) pain; headache; chills, muscle aches; nausea, vomiting, diarrhea; anosmia (loss of the sense of smell), emphysema, proteinuria, mild anemia; [potential occupational carcinogen]
Carbon Tetrachloride	Ca ST 2 ppm (12.6 mg/m^3) [60-minute]	Inhalation, skin absorption, ingestion, skin and/or eye contact	Irritation eyes, skin; CNS depression; nausea, vomiting; liver, kidney injury; drowsiness, dizziness, incoordination; [potential occupational carcinogen]

Constituent	Exposure Limit(s)	Route of Exposure	Primary Hazard/ Symptoms of Exposure
Chromium (Chromic Acid and Chromates)	0.1 mg/m^3	Inhalation, ingestion, skin contact	Irritates respiratory system, nasal, septum perforation, liver and kidney damage, leukocytosis (increased blood leucocytes), leukopenia (reduced blood leucocytes), moncytosis (increased monocytes), Eosinophilia, eye injury, conjunctivitis, skin ulcer, sensitivity dermatitis, potential carcinogen
Dieldrin	OSHA PEL: TWA 0.25 mg/m^3 [skin]	Inhalation, skin absorption, ingestion, skin and/or eye contact	Headache, dizziness; nausea, vomiting, malaise (vague feeling of discomfort), sweating; myoclonic limb jerks; clonic, tonic convulsions; coma; [potential occupational carcinogen]; in animals: liver, kidney damage
Ethylbenzene	100 ppm	Inhalation, ingestion, skin contact	Eye, skin, mucous membrane irritation; headache; dermatitis, narcosis; coma
Gasoline	1 ppm TWA (benzene) 5 ppm STEL (benzene) Ca [N.D.]	inhalation, skin absorption, ingestion, skin and/or eye contact	Irritation eyes, skin, mucous membrane; dermatitis; headache, lassitude (weakness, exhaustion), blurred vision, dizziness, slurred speech, confusion, convulsions; chemical pneumonitis (aspiration liquid); possible liver, kidney damage; [potential occupational carcinogen]
Tetramethyl lead (gasoline additive)	OSHA PEL TWA 0.075 mg/m^3 [skin]	inhalation, skin absorption, ingestion, skin and/or eye contact	insomnia, bad dreams, restlessness, anxious; hypotension; nausea, anorexia; delirium, mania, convulsions; coma
Lead	0.05 mg/m^3 A.L. 0.03 mg/m^3	Inhalation, ingestion, skin contact	Weakness, insomnia; facial pallor; pal eye, anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis of wrist and ankles; irritates eyes, hypo tension
Manganese	C 5 mg/m^3	Inhalation, ingestion	Manganism; asthenia, insomnia, mental confusion; metal fume fever: dry throat, cough, chest tightness, dyspnea (breathing difficulty), rales, flu-like fever; low-back pain; vomiting; malaise (vague feeling of discomfort); lassitude (weakness, exhaustion); kidney damage

Constituent	Exposure Limit(s)	Route of Exposure	Primary Hazard/ Symptoms of Exposure
Mercury	0.10 mg/m3	Inhalation, ingestion, skin contact, skin absorption	Irritates eyes and skin, chest pain, cough, difficulty breathing, bronchitis, pneumonitis, tremor, insomnia, irritability, indecision, headache, fatigue, weakness, stomatitis, salivation, Gastrointestinal disturbance, weight loss, proteinuria
MTBE (Methyl-t-Butyl Ether)	NA	Inhalation, skin absorption, ingestion, skin contact	Potential Symptoms: Drowsiness, dizziness, headache, weakness, unconsciousness; redness of skin and eyes; INGES ACUTE: Nausea, vomiting, abdominal pain; chemical pneumonitis (by aspiration).
Naphthalene	10 ppm (50 mg/m^3) TWA	inhalation, skin absorption, ingestion, skin and/or eye contact	Irritation eyes; headache, confusion, excitement, malaise (vague feeling of discomfort); nausea, vomiting, abdominal pain; irritation bladder; profuse sweating; jaundice; hematuria (blood in the urine), renal shutdown; dermatitis, optical neuritis, corneal damage
PCE (tetrachloroethene or perchloroethylene)	100 ppm TWA 200 ppm C 300 ppm (5 minutes in any 3 hours)	Inhalation, Ingestion, Skin Contact	Irritation, nausea, vomiting, chest pain, difficulty breathing, headache, drowsiness, dizziness, disorientation, loss of coordination, blurred vision, loss of appetite, stomach pain, pain in extremities
TCE (trichloroethylene)	100 ppm TWA 200 ppm C 300 ppm (5 minutes in any 3 hours)	Inhalation, ingestion, skin contact	Irritation to eyes, skin, dizziness, fatigue, blurred vision, tremors, nausea, vomiting, drowsiness, headache
Toluene	200 ppm	Inhalation, skin absorption, ingestion, skin contact	Eye, nose irritation; fatigue, weakness, confusion, euphoria, dizziness, headache; dilated pupils, tearing of eyes; nervousness, muscle fatigue, insomnia, tingling in limbs; dermatitis
1,1,1 Trichloroethane	350 TWA (1,900 mg/m^3)	Inhalation, ingestion, skin contact	Irritation of eyes, nausea, vomiting, dizziness, drowsiness, blurred vision, headache

Constituent	Exposure Limit(s)	Route of Exposure	Primary Hazard/ Symptoms of Exposure
1,2,4-Trimethyl-benzene	None	Inhalation, ingestion, skin and/or eye contact	Irritation eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude (weakness, exhaustion), dizziness, nausea, incoordination; vomiting, confusion; chemical pneumonitis (aspiration liquid)
1,3,5 – Trimethylbenzene	NA	inhalation, ingestion, skin and/or eye contact	Irritation eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude (weakness, exhaustion), dizziness, nausea, incoordination; vomiting, confusion; chemical pneumonitis (aspiration liquid)
Xylene	100 ppm	Inhalation, skin absorption, ingestion, skin contact	Eye, skin, nose, throat irritation; dizziness, excitement, drowsiness; incoordination, staggering gait; corneal damage; appetite loss, nausea, vomiting, abdominal pain; dermatitis

Notes:
A.L. - Action Level
C - ceiling limit, not to be exceeded
Ca – carcinogen
mg/m^3 - micrograms per cubic meter
mppcf - millions of particulates per cubic foot of air
ppm - parts per million
STEL - Short-term exposure limit (15 minutes)
TWA - Time-weighted average (8 hours)

4.5.2 Chemicals Brought on Site

Potential hazards associated with chemicals brought on site (e.g., decontamination chemicals, sample preservatives, fuels, calibration fluids) for the work will be mitigated through training, administrative controls (e.g., proper labeling and storage), and proper use of PPE. SDSs for all chemicals brought on site shall be maintained by the SSM and are included in Appendix C.

5. Personal Protective Equipment

The PPE required to be worn on the project site is listed in the table below. Additional PPE required for the tasks to be performed is listed on the JHAs in Appendix B.

Site Required PPE *(check all that apply)*		
☒ Hard Hat	☐ Respirator	☐ Tyvek clothing/boots
☒ Safety Glasses	☐ Flame Resistant Clothing	☐ Hearing Protection
☒ Safety Boots	☐ Personal Flotation Device	☐ Long Sleeve Shirt
☒ Gloves (task specific)	☐ Snake Chaps	☐ Other:
☒ High Visibility Safety Vest	☐ EH-Rated Boots	☐ Other:

If site conditions suggest the existence of a situation more hazardous than anticipated, the site personnel will evacuate the area to a safe distance. The hazard, the level of precautions, and the PPE will then be reevaluated with the assistance and approval of the Safety Director and the PM. If conditions indicating the need for Level A or Level B PPE are encountered, personnel will leave the site and notify the PM or a member of the Safety Team. GEI's PPE Program can be found on the Safety Resources page of GEI Connections.

5.1 Respiratory PPE

GEI personnel who have the potential to don a respirator must have a valid fit test certification and medical clearance. Both the respirator and cartridges specified for use in Level C protection must be fit-tested prior to use in accordance with OSHA regulations (29 CFR 1910.134). Air purifying respirators cannot be worn under the following conditions:

- Oxygen deficiency (less than 20.7%).
- Imminent Danger to Life and Health (IDLH) concentrations.
- If contaminant levels exceed designated use concentrations.

Upgrades to respiratory protection may be required based on the designated Action Levels found in Section 9.

6. Responsibilities and Lines of Authority

6.1 GEI Personnel Responsibilities

The implementation of health and safety at this project location will be the shared responsibility of the Safety Director, Regional Safety Director, PM, the SSM, and each GEI personnel implementing the proposed scope of work.

6.1.1 GEI Safety Director

The Safety Director is responsible for the overall management of GEI's safety programs, policies, and procedures. Modifications to this HASP which may result in the reduction in the identification, evaluation, and control of safety and health hazards cannot be undertaken by the project team without the approval of the Safety Director.

6.1.2 GEI Project Manager

The PM is responsible for confirming that the requirements of this HASP are implemented. The PM's specific responsibilities include:

- Conducting and documenting the Project Safety Briefing.
- Verifying that the GEI staff and subcontractors selected to work on this program are sufficiently trained for site activities and have reviewed this HASP.
- Maintaining regular communications with the SSM and, if necessary, the Safety Director.

6.1.3 GEI Regional Safety Manager

The RSM is responsible for supporting the safety needs and requirements specified in this HASP. The RSM's specific responsibilities include:

- Reviewing and approving the HASP and applicable JHAs.
- Working with the PM and SSM to meet client safety requirements.
- Providing approval for fall protection plans and confined space entries (permit numbers), as applicable.
- Providing safety support regarding safety programs and procedures as applicable to the project.

6.1.4 GEI Site Safety Manager

The SSM is responsible for implementing and enforcing the safety requirements specified in this HASP and will be on-site during activities covered in the HASP. The SSM's specific responsibilities include:

- Enforcing the requirements of this HASP and notify the PM of noncompliance.
- Conduct daily Safety Tailgate meetings for site-related work.
- Maintaining a high level of health and safety consciousness among employees implementing the proposed activities.
- Procuring the air monitoring instrumentation, PPE, and safety equipment needed for GEI project employees and verifying that each is in good working order.
- Verifying that GEI subcontractors are utilizing the correct PPE and safety equipment.

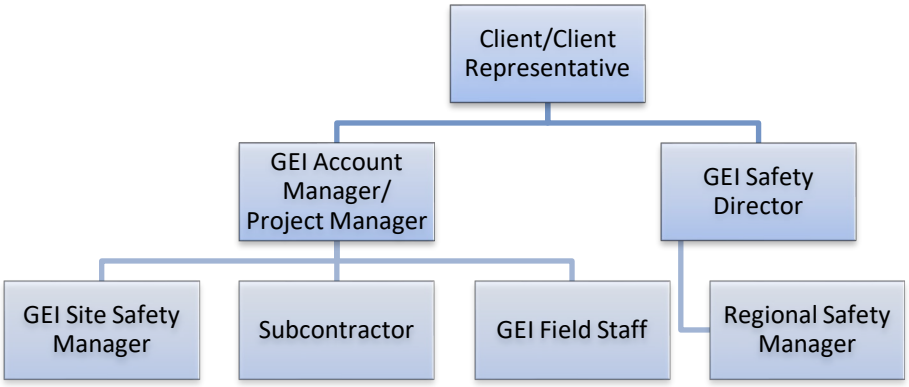
6.1.5 All GEI Field Personnel

All GEI field personnel (including the PM and SSM) covered by this HASP are responsible for following the health and safety procedures in this HASP and for performing their work in a safe and responsible manner. The specific responsibilities that apply to all field personnel include:

- Reading and signing the HASP prior to the start of on-site work.
- Bringing forth any questions or concerns regarding the content of the HASP to the PM or the SSM.
- Attending and actively participating in the required Project Safety Briefing prior to beginning on-site work and any subsequent safety meetings.
- Complying with the requirements of this HASP and the requests of the SSM.
- Stopping work in the event that an immediate danger situation is perceived.
- Reporting accidents, injuries, and illnesses, regardless of their severity by following GEI's incident reporting procedures.

6.2 Lines of Authority

GEI will have responsibility for safety of its employees during the work performed at the site. GEI's SSM will have a cell phone available to contact the appropriate local authorities, in the event of an emergency. GEI's SSM will be available for communication with the GEI PM and with the Client's representative.



6.2.1 Stop Work Authority

GEI employees have the authority to stop work activities if an unanticipated hazard is encountered or a potential unsafe condition is observed. The GEI employee should contact the Safety Director and the Project Manager to discuss the stop work conditions and potential control methods that can be implemented.

6.3 Subcontractors

GEI has not subcontracted any following firms to assist in performing work on this project.

7. Training Requirements

Prior to commencement of field activities, the PM or their designee will verify GEI field personnel assigned to the project will have completed training that will specifically address the activities, procedures, monitoring, and equipment used in the site operations. This training will be documented on the applicable JHAs (Appendix B). Personnel that have not received project-specific training will not be allowed on site.

Applicable Site-Specific Training Requirements *(check all that apply)*		
✔ HAZWOPER (8Hr Refresher)	☐ Railroad Specific Training	☐ Other:
☐ HAZWOPER (Site Supervisor)	☐ Transportation Worker Identification Credential (TWIC)	☐ Other:
✔ First Aid/CPR	☐ MSHA (Mine Safety and Health Administration)	☐ Other:

7.1 On-Site Safety Briefings

GEI personnel will be given health and safety briefings daily (or as frequently as needed) by the SSM or their designee to plan for conducting work activities safely. The briefing will include GEI subcontractors and others as appropriate. The briefings can include information on:

- Applicable JHAs
- Changes in work practices
- Changes in environmental conditions
- Anticipated weather
- Evacuation/emergency procedures
- Air monitoring results
- Safety inspection results

Documentation of these briefings will be recorded in the GEI field book or the Tailgate Safety Briefing Form (Appendix D). For long-term projects, the Tailgate Safety Briefing Form is preferred.

8. Medical Surveillance Program

GEI maintains a medical surveillance program under the supervision of the Safety Director that includes a plan designed specifically for field personnel engaged in work at sites where hazardous materials may be present. Field personnel undergo an initial physical examination, including a detailed medical and occupational history before they are able to engage in work at hazardous waste sites. Upon successful completion of the examination, personnel are provided a medical clearance from an occupational health physician stating their fitness to perform the specified work activities. Employees who are part of this program will schedule and attend annual exams 12 months from the date of their previous exam.

If a GEI employee or other project worker shows symptoms of exposure to a hazardous substance and wishes to be seen by a doctor, GEI will consult with their third-party medical administrator and provide access to the nearest area hospital or medical facility.

GEI subcontractor personnel that will enter any hazardous waste sites must certify that they are participating in a medical surveillance program that complies with OSHA regulations for hazardous waste operations (i.e., 29 CFR 1910.120 and 29 CFR 1926.65). A copy of their medical clearance will be submitted to the GEI PM or SSM prior to the start of field activities.

9. Personal/Work Zone Air Monitoring

Personal/Work Zone Air Monitoring Required?	
☒ Yes	☐ No*

Air monitoring, in the form of personal or work zone monitoring, will be performed to identify and quantify airborne levels of hazardous substances and atmospheric hazards to determine the appropriate level of worker protection needed on-site.

Work on this project requiring air monitoring includes:

Personal/Work Zone Air Monitoring Tasks *(check all that apply)*		
☒ Excavation	☐ Confined Space Entry	☐ Other:
☒ Soil Sampling	☐ Indoor Drilling	☐ Other:
☐ GW Monitoring Well Headspace	☐ Product Sampling	☐ Other:

The following air monitoring equipment will be on site:

Personal/Work Zone Air Monitoring Equipment *(check all that apply)*	
☒ PID with 10.6 eV lamp or equivalent	☒ Particulate Meter (PM-10 capable)
☐ Drager Chip Measurement System (CMS) with appropriate gas detection chips	☐ Multi-gas meter: lower explosive limit (LEL) / oxygen (O_2) / hydrogen sulfide (H_2S) / hydrogen cyanide (HCN) or carbon monoxide (CO) meter
☐ Sensidyne Gas Detection Pump with appropriate gas detector tubes (or equivalent colorimetric tube)	☐ Other:

GEI will conduct and document on-site work zone monitoring and will inform GEI employees of the results. ***If Action Levels are exceeded, immediately implement site action(s) according to Action Table below and notify the PM***.

9.1 Calibration

Air monitoring equipment will be calibrated and maintained in accordance with manufacturer's requirements. Calibrations will be recorded in the project notes daily or on a daily calibration form.

9.2 Action Levels

The tables below provide a summary of real time air monitoring Action Levels and contingency plans for work zone activities. The below Action Levels are determined by halving the Permissible Exposure Limits (PELs) or Threshold Limit Values (TLVs) as set forth by OSHA and the American Conference of Government Industrial Hygienists (ACGIH).

9.2.1 VOC Monitoring and Control

Air monitoring reduces the risk of overexposure by indicating when action levels have been exceeded and when PPE must be upgraded or changed. Based on the volatile organic compounds (VOCs) listed in Table 4, determine which constituent has the lowest permissible exposure limit (PEL). This data is used to determine the action levels needed including respiratory protection at the project site. GEI's action level is half of the PEL listed in Table 4 (exception is made for benzene).

Exposure to organic COC can be evaluated and/or controlled by:

- Monitoring worker breathing zone atmospheric concentrations for organic COC in the breathing zone with a photoionization detector (PID).
- When possible, engineering control measures will be utilized to suppress the volatile organic vapors. Engineering methods can include utilizing a fan to promote air circulation, utilizing volatile suppressant foam, providing artificial ground cover, or covering up the impacted material with a tarp to mitigate volatile odors.
- When volatile suppression engineering controls are not effective and organic vapor meters indicate concentrations above the action levels, then appropriate respiratory protection (i.e., air purifying respirator with organic vapor cartridge) will be employed.

Air Monitoring Instrument	Action Level (above background)	Site Action
Action Levels for the following parameters are 15-minute time weighted averages (TWA), not a single exceedance.		
PID (Monitoring for VOCs)	0.0 – 50 ppm	No respiratory protection is required if VOCs are not present. (If benzene or naphthalene are constituents of interest at this site, follow the action levels below for benzene and/or naphthalene.)
	> 50 ppm	Stop work, withdrawal from work area, institute engineering controls, if levels persist, upgrade to Level C. Notify PM and Safety Team.

9.2.2 Dust Monitoring and Control

Some COC hazards may become hazardous when they are associated with dust/particles and become airborne. For worker safety, dust levels must be managed to eliminate this hazard. Dust generated during activities can cause irritation to the respiratory system and eyes. Contaminants can also be carried in airborne dust causing potential exposure to workers through skin contact and inhalation. Constituent concentrations on site are expected to be low therefore the exposure hazard through inhalation should be minimal; however, contaminant contact through skin and clothing can introduce additional exposures.

For dust generated during site activities which exceed site-specific limits, engineering controls such as water application will be used to control dust concentrations. However, if excessive dust concentrations cannot to be handled through engineering controls, then respirators will be required to be worn.

Air Monitoring Instrument	Action Level (above background)	Site Action
Action Levels for the following parameters are 15-minute time weighted averages (TWA), not a single exceedance.		
Particulate Meter	150 µg/m^3	Implement work practices to reduce/minimize airborne dust generation, e.g., spray/misting of soil with water. Don respirator with particulate filters if action levels remain in exceedance.

10. Site Control

10.1 Site Zones

Site zones are intended to control the potential spread of contamination and to assure that only authorized individuals are permitted into potentially hazardous areas. This project is being conducted under the requirements of 29 CFR 1910.120, and any personnel working in an area where the potential for exposure to site contaminants exists, will only be allowed access after proper training and medical documentation.

10.2 Buddy System

GEI personnel should be in line-of-site or communication contact with another on-site person. The other on-site person should be aware of his or her role as a "buddy" and be able to help in the event of an emergency. Some projects may not support the need for the buddy system to be implemented. If this is the case, the PM is required to conduct regular check-ins with the employee on site.

10.3 Sanitation for Temporary Work Sites

Sanitation requirements identified in the OSHA Standard 29 CFR 1926.51 "Sanitation" specifies that employees working at temporary project sites have at least one sanitary facility available to them. Temporary Sanitary Facilities will be located onsite.

10.4 Illumination

Illumination requirements identified by OSHA are directed to work efforts inside buildings and/or during non-daylight hours. Activities planned for the site are anticipated to occur outside during daylight hours. However, if work areas do not meet illumination requirements, they will be equipped with appropriate illumination that meets or exceeds requirements specified in OSHA Standard 29 CFR 1926.56. Employees will not work on sites that are not properly lighted.

10.5 Smoking

Smoking is prohibited at or in the vicinity of hazardous operations or materials. Where smoking is permitted, safe receptacles will be provided for smoking materials.

10.6 Alcohol and Drug Abuse Prevention

Alcohol and drugs will not be allowed on the site. Project personnel under the influence of alcohol or drugs will not be allowed to enter the site. All GEI employees must comply with

GEI's Controlled Substance Use & Alcohol Misuse Policy found on the Safety Resources page of GEI Connections. Employees may be subject to random drug and/or alcohol testing if required by a client at a project site.

11. Incident Reporting

GEI will report incidents involving GEI personnel or subcontractor personnel, such as: lost time injuries, injuries requiring medical attention, near miss incidents, fires, fatalities, accidents involving the public, chemical spills, vehicle accidents, and property damage. The following steps must be followed when an incident occurs:

1. For incidents involving life-threatening situations or serious injury that require emergency response personnel (Police, Fire, EMS), call 9-1-1 from a safe area.
2. **Stop work** activity to address any injury, illness, property damage, spill, or other emergency.
3. Call Medcor Triage at 1-800-775-5866 to speak with a medical professional following any injury or illness.
4. Notify your Supervisor/PM of the incident or injury.
5. Complete an incident report using the GEI Incident Report Form located on the GEI Safety Smartphone App, GEI Connections intranet page, or in the project HASP.
6. Resume work activity if all steps above have been completed and it is safe to do so.

For vehicle accidents involving another vehicle or damage to property, the employee will take pictures of each vehicle or property involved in the incident and obtain a police report. In some municipalities police will not be dispatched to a non-injury accident, but every effort needs to be made to try and obtain the report.

The Incident Report Form and the Near Miss Reporting Form can be found in Appendix D, on the GEI Health and Safety smartphone app, or on the Safety Resources page of GEI Connections. To report subcontractor injuries or incidents, follow the same verbal reporting procedures and submit an email describing the event to the PM and the Safety Team.

11.1 Injury Triage Service

If a GEI employee experiences a work-related injury that is not life-threatening, the employee will initiate a call to Medcor Triage at 1-800-775-5866. The injured employee will detail any medical symptoms or complaints which will be evaluated by a Registered Nurse (RN) specially trained to perform telephonic triage. The RN will recommend first aid self-treatment or refer the injured employee for an off-site medical evaluation by a health professional at a clinic within GEI's workers compensation provider network. GEI employees are still required to follow our Accident Reporting procedures as listed above.

12. Decontamination Procedures

Site decontamination procedures are designed to achieve an orderly, controlled removal or neutralization of contaminants that may come in contact with personnel or equipment. These procedures minimize contact with contaminants and protect against the transfer of contaminants to clean areas. They also extend the useful life of PPE by reducing the amount of time that contaminants contact and can permeate PPE surfaces. This project is being conducted under the requirements of 29 CFR 1910.120(k), and any personnel or equipment that are exposed to site contaminants will follow applicable decontamination procedures.

12.1 Personnel and PPE Decontamination

A decontamination station where employees can drop equipment and remove PPE will be set up to minimize the potential for hazardous skin or inhalation exposure and to avoid cross-contamination and chemical incompatibilities. It will be equipped with basins for water and detergent, and trash bag(s), or cans for containing disposable PPE and discarded materials. Once personnel have decontaminated at this station and taken off their PPE, they will wash themselves wherever they have potentially been exposed to any contaminants (e.g., hands, face, etc.)

Contaminated PPE (gloves, suits, etc.) will be decontaminated and stored for reuse or placed in plastic bags (or other appropriate containers) and disposed of in an approved facility. Decontamination wastewater and used cleaning fluids will be collected and disposed of in accordance with applicable state and federal regulations.

12.2 Equipment Decontamination

All tools, equipment, and machinery that have come into contact with contaminated media, will be decontaminated on site prior to departure. Equipment decontamination procedures are designed to minimize the potential for hazardous skin or inhalation exposure and to avoid cross-contamination and chemical incompatibilities. If your project has equipment decontamination specification refer to where those can be found (work plan, specs, etc.)

13. Emergency Response

13.1 Evacuation

Prior to the start of work, emergency procedures must be identified and communicated to workers on site. This includes evacuation routes, safe areas, and/or muster points (Fig. 1). Also communicate how employees will be notified that an emergency or evacuation of the site is occurring (audio alarms, visible (light) alarms, radios, sirens, etc.) Upon discovering an emergency situation, personnel will notify the SSM, who will initiate an appropriate response. Once the scene is safe, use the incident report procedures to report the evacuation to the PM and Safety Team.

13.2 Fire

In the event of a fire personnel will evacuate the area to the muster point located on Fig. 1. GEI's SSM will contact the local fire department and report the fire. The SSM will account for GEI personnel and subcontractor personnel and report their status to the PM. Incident reporting procedures will be followed once the scene is safe.

13.3 Spills or Material Release

If a hazardous waste spill or material release occurs, if safe, the SSM or their representative will immediately assess the magnitude and potential seriousness of the spill or release based on the following:

- SDS for the material spilled or released.
- Source of the release or spillage of hazardous material.
- An estimate of the quantity released and the rate at which it is being released.
- The direction in which the spill or air release is moving.
- Personnel who may be or may have been in contact with the material, or air release, and possible injury or sickness as a result.
- Potential for fire and/or explosion resulting from the situation; and
- Estimates of area under influence of release.

If the spill or release is determined to be within the on-site emergency response capabilities, the SSM will verify implementation of the necessary remedial action. If the release is beyond the capabilities of the site personnel, personnel will be evacuated from the immediate area and the fire department will be contacted. The SSM will notify the PM and follow the incident reporting procedures.

13.4 Medical Support

In case of minor injuries, on-site care will be administered with the site first aid kit. A GEI employee certified by the American Red Cross or other American Health & Safety Institute (ASHI) will be on-site at all times. For serious injuries, call 911 and request emergency medical assistance. Seriously injured persons should not be moved unless they are in immediate danger. Notify the PM of the emergency and follow incident reporting procedures.

In the event of an emergency, prompt communications with local emergency responders are essential. At least one charged and functioning cell phone to enable emergency communications will be on site. Confirmation of cellular phone operation will be confirmed at the start of each working day.

Table 1 of this HASP contains detailed emergency information, including directions to the nearest hospital, and a list of emergency services and their telephone numbers. In addition, Appendix A includes a map to the local hospital/emergency room and Fig. 1 indicates the evacuation route (including muster point).

13.5 Severe Weather

The contingency plan for severe weather includes reviewing the expected weather to determine if severe weather is in the forecast. Severe weather includes high winds over 40 miles per hour (mph), heavy rains or snow squalls, thunderstorms, tornados, and lightning storms. If severe weather is approaching, the decision to evacuate GEI personnel and subcontractor personnel from the site will be the responsibility of GEI's SSM. Notification of evacuation will be made to the PM. The SSM will account for GEI personnel and subcontractor personnel and report their status to the PM. If safe, work can resume 30 minutes after the last clap of thunder or flash of lightning.

13.6 Hazard Communication Plan

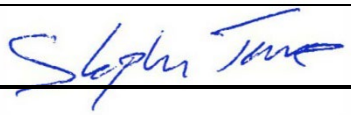
GEI personnel have received hazard communication (HAZCOM) training as part of their annual safety training and new employee safety orientation training. Hazardous materials brought on site will be properly labeled, stored, and handled. SDSs for each chemical will be included in this HASP in Appendix C. GEI's HAZCOM program can be found on the Safety Resources page of GEI Connections (Appendix E).

14. Health and Safety Plan Sign-Off

GEI personnel conducting site activities will be familiar with the information in this HASP. After reviewing this plan, please sign the copy in the project files, and bring a copy of the plan with you to the site. By signing this site-specific HASP, you are agreeing that you have read, understand, and will adhere to the provisions described in this plan while working on the site below.

Site Name: Ten 99 Development Project

GEI Project No: 22003948

Print Name	Signature
Project Manager: Stephen Tauss	

Figure

Figure 1. Site Location and Muster Point



1099-1135 WEBSTER AVENUE, BRONX, NEW YORK

MEGA DEVELOPMENT GROUP

GEI Consultants

SITE LOCATION MAP

Project 2203948

November 2022

Fig. 1

Appendix A

Hospital Directions

Hospital Information	
Local Hospital: Hospital Street Address City, State Zip	(XXX) XXX-XXXX

(Include a map to the local hospital if cell phone service is not dependable at or around project site)

Scan this QR code or click the link for access to Google Maps to type in the address of your local hospital.

Appendix B

Job Hazard Analyses

Job Hazard Analysis

Task	**Driving – Site Mobilization**		
Revision Date	11/14/2022	**Client Name**	Mega Development Group
Project Name	Ten 99 Development Project	**Project Number**	2203948
Tools/Equipment Used	Vehicles (GEI Fleet, rental or personal)		
Task Specific Training	GEI Annual Safety Training (HAZWOPER), First Aid/CPR		
Minimum PPE Required	☐ Hard Hat ☐Safety Glasses ☐Safety-Toed Boots ☐ Reflective Vest ☐Hearing Protection ☐ Personal Flotation Device (PFD) ☐ Face Shield ☐ Chaps ☐ Tyvek clothing/boots ☐ Flame Resistant Clothing ☐ Gloves ☐Respirator ☐Other		

JHA Prepared By: Leif Robertson	**Date: 11/14/2022**	**Approved by: Stacey Ng**	**Date: 11/15/22**

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
1. Inspect Vehicle	Slips/trips/falls	Hazard Identification HS-026, Driver Safety HS-004	• Walk around vehicle to inspect for any vehicle safety issues or hazards that could be within the travel path. • Adjust mirrors and seats prior to driving. • Becoming familiar with dashboard, center console, and steering controls. • Locate the turn signals, windshield wipers, lights, emergency flashers, and the heating, air conditioning, and defrost controls. • Use a spotter if needed when backing up.
2. Driving	Struck by/crushing hazards	Driver Safety SOP HS-004	• Employees must wear their safety belt while in a moving vehicle. • Employees will follow safe driving behaviors, which include limiting distractions such as manipulating radios or other equipment that may cause a distraction. Employees will not exceed the posted speed limit and will maintain a safe distance between other vehicles. • Use defensive driving techniques.

[1] Use the hierarchy of controls to determine applicable hazard controls for the task in order of most effective to least effective: Elimination (physically remove the hazard), Substitution (replace the hazard), Engineering Controls (Isolate the team from the hazard), Administrative Controls (change the way people work), PPE (personal protective equipment).

Job Hazard Analysis
Task: Driving – Site Mobilization
Project: 1099 Development
Date: November 2022

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
			• Avoid driving during hazardous weather conditions. • Driving distance and time after a 12-hour shift will not exceed 30 miles or 30 minutes (whichever is greater). • Vehicle accidents will be reported in accordance with GEI's accident reporting procedures.
3. Parking Vehicle	Struck by, crushing hazards, security	Driver Safety SOP HS-004	• Be aware of surrounding conditions. Park in designated areas or a safe area away from heavy equipment. • Position the vehicle in a manner which reduces or eliminates the need to operate the vehicle in reverse. Choose an easy-exit parking space, like pull-through or where no one else is parked. • Don't crowd neighboring vehicles; be sure to park your vehicle in the middle of your space. • Secure equipment and supplies in the trunk or where they cannot be seen. Or take items with you if they cannot be hidden. • If at night, park in well lit areas.
4. Parking Along Roadsides	Struck by, crushing hazards, security	Driver Safety SOP HS-004 Hazard Identification HS-026	• Do not park along blind corners or in areas where oncoming traffic cannot see your vehicle. • Exit on the right side of the vehicle, when possible, to avoid exiting into traffic. If you must exit from the left side of the vehicle, use mirrors and spotters, when possible, to check for oncoming traffic. • Use cones and signs to alert other drivers of your parked vehicle • Obtain the proper permissions when necessary. • Be careful when parking on road shoulders as they can be soft and slippery. • Park as far off the road as possible after taking in other factors such as ditches, property boundaries, and soil types. • Maintain situational awareness. • Do not stage any equipment or work in the roadway unless it is required for the job.
5. Site Entry	Slips/trips/falls, struck by, crushing	Hazard Identification HS-026	• Don appropriate PPE prior to walking on site. • Identify yourself and your work location to heavy equipment operators, so they may incorporate you into their operations. • Stay Alert! Pay attention to equipment backup alarms and swing radii. • Avoid distractions like using cell phones while traversing the site.

Commented [NS1]: Added just in case you aren't parking directly on-site

Job Hazard Analysis
Task: Driving – Site Mobilization
Project: 1099 Development
Date: November 2022

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
6. Backing Up Vehicle	Struck by, crushing	Driver Safety HS-004	• Before entering your vehicle do a walk-around. Check for fences, poles, drop-offs, buildings, etc. • Know your clearances. While performing your walk-around also check for obstructions, low hanging eaves and tree limbs, wires, and any other potential clearance-related obstacles. • Use a spotter. Do not allow the spotter to be positioned directly behind your vehicle or walk backwards behind you while giving instructions. They should be off to the driver's side where you can see them in your side mirror.

Job Hazard Analysis

Task	Excavation Oversight		
Revision Date	11/14/2022	**Client Name**	Mega Development Group
Project Name	Ten 99 Development Project	**Project Number**	2203948
Tools/Equipment Used	Field book, phone camera		
Task Specific Training	GEI Annual Safety Training (Field or HAZWOPER), First Aid/CPR		
Minimum PPE Required	☒ Hard Hat ☒Safety Glasses ☒Safety-Toed Boots ☒ Refective Vest ☒Hearing Protection ☐ Personal Flotation Device (PFD) ☐ Face Shield ☐ Chaps ☐ Tyvek clothing/boots ☐ Flame Resistant Clothing ☐ Gloves ☐Respirator ☐Other		

JHA Prepared By: Leif Robertson	**Date: 11/14/2022**	**Approved by: Stacey Ng**	**Date: 11/15/22**

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
1. Mobilize on site	Heavy lifting, strains/sprains, slip/trips/falls, pinch points, struck by, crushing hazards	Working Around Heavy Equipment HS-018, Manual Lifting HS-025, Hazard Identification HS-026 GEI Ergonomic Program, GEI Personal Protective Equipment Program	• Don appropriate PPE that properly fits, is in good condition, and is suitable for the activities and hazards. • Check in with appropriate heavy equipment operator personnel as applicable. • Maintain good visibility of the work area. • Avoid walking on uneven, steeply sloped, or debris ridden ground surfaces. • Plan tasks prior to preforming them including an activity hazard analysis. • Keep trafficked areas free from slip/trip/fall hazards. • Avoid traversing steep areas in slippery conditions. • Do not carry heavy objects to work areas, on steeply sloped areas, or where steep areas must be traversed to reach work areas. • Use the buddy system when necessary

[1] Use the hierarchy of controls to determine applicable hazard controls for the task in order of most effective to least effective: Elimination (physically remove the hazard), Substitution (replace the hazard), Engineering Controls (Isolate the team from the hazard), Administrative Controls (change the way people work), PPE (personal protective equipment).

Job Hazard Analysis
Task Name: Excavation Oversight
Project: 1150 N Broadway Remediation
Date: April 2022

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
2.Conducting project activities around/near heavy equipment operations	Slip/trips/falls, pinch points, struck by, crushing hazards, unstable or non-secured load, noise exposure	Noise Exposure HS-012, Traffic Hazards HS-016, Working Around Heavy Equipment HS-018, Hazard Identification HS-026 GEI Ergonomic Program, GEI Personal Protective Equipment Program,	• Wear hardhat, high visibility safety vest, steel-toed, steel-shank boots or EH-rated safety boots with coposie toe and shank, safety glasses, nitrile/neoprene gloves, and earplugs. • Identify yourself and your work location to heavy equipment operators so they may incorporate you into their operations. • Coordinate hand signals with operators and field staff. • Approach heavy equipment from the front so operator can see you • Stay alert! Pay attention to equipment backup alarms and swing radii. • Wear high visibility safety reflective vest when working near equipment and/or motor vehicle traffic. • Position yourself in a safe location when filling out logs or talking with contractor or other field staff. • Notify the contractor immediately if any problems arise. • Do not stand or sit under suspeneded loads or near any pressurized equipment lines. • Do not sit and stand near heavy equipment that is when materials are being unloaded, loaded, etc. • If a task requires inspection of materials, this should be done after they are securely stored. • Do not operate cellular telephones in the vicinity of heavy equipment operation.
3. Demobilize from site	Personal/material security, slips/trips/falls	Hazard Identification HS-026	• Confirm all materials are secured/labeled, including drums and any equipment left on site. • Confirm that any open trenches/pits are properly marked or barricaded. • Clean all equipment/tools prior to leaving. • Secure any gates/locks. • Notify project manager (or designee) you are leaving the site.

Job Hazard Analysis

Task	**Surface Soil Sampling**		
Project Name/Number	Ten 99 Development Project / 2203948	**Client Name**	Mega Development Group
GEI Project Manager	Stephen Tauss	**PM Review Date**	
Tools/Equipment Used	Trowel/shovel, sample jars, decon equipment		
Task Specific Training	Annual Safety Training (Field or HAZWOPER), First Aid/CPR		
Personal Protective Equipment (PPE)	☐ Hard Hat ☒Safety Glasses ☒Safety-Toed Boots ☒ Reflective Vest ☐Hearing Protection ☐ Personal Flotation Device (PFD) ☐ Face Shield ☐ Chaps ☐ Tyvek clothing/boots ☐ Flame Resistant Clothing ☒ Gloves Nitrile ☐Respirator ☐Other		

JHA Prepared By: Bill Fitchett	**Date:**	**Approved by:**	**Date:**

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
1. Carry Equipment and Set-up	Heavy lifting, Cuts/Scrapes, Slips/Trips/Falls, Pinch points	Non-Powered Hand Tools HS-008a Manual Lifting HS-025 Ergonomic Program	• User proper lifting techniques. • Keep trafficked areas free from slip/trip/fall hazards. • Wear the proper type of glove to protect hands against sharp edges and skin/soft tissue injuries. • Wear appropriate footwear. • Be aware of hard to grip and hold items that may force your hand or wrist into awkward, stressful positions. • Take breaks when carrying items frequently and/or for long distances. • Do not overreach when picking up or placing items. • Use the buddy system when necessary.
2. Trowel/Shovel Use	Cuts and lacerations/pinch points	Non-Powered Hand Tools HS-008a	• Take regular breaks and do not work in unusual positions for long periods of time. • Inspect equipment or tools prior to use. • Tag and remove from service if tool is damaged.

[1] Use the hierarchy of controls to determine applicable hazard controls for the task in order of most effective to least effective: Elimination (physically remove the hazard), Substitution (replace the hazard), Engineering Controls (Isolate the team from the hazard), Administrative Controls (change the way people work), PPE (personal protective equipment).

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
3. Soil Sampling	Contaminant Exposure, Cuts/Scrapes, Repetition, Slips/Trips/Falls	Hazard Identification HS-026/Container Management HS-003	• Dispose of gloves after use and wash hands. • Wear work gloves over nitrile gloves. • Excavation entry will be allowed only with proper sloping or shoring. • Take regular breaks and do not work in unusual positions for long periods of time. • Keep trafficked areas free from slip/trip/fall hazards.
4. Drum Soil Cutting	Contaminant Contact, Cuts or Abrasions Heavy Lifting , Slips/Trips/Falls	Container Management HS–003 Manual Lifting HS–025 Ergonomic Program	• Wear proper PPE during sampling including nitrile gloves and safety glasses and face shield as appropriate. • Use proper dollies or drum moving tools. • Use applicable tools to open/close drum lids. • Do not handle drums with bulging sides. • Dispose of gloves after use and wash hands. • Wear work gloves over nitrile gloves. • Use proper lifting techniques. • Ask fellow worker for help. • Keep trafficked areas free from slip/trip/fall hazards.
5. Pack Soil Samples	Heavy lifting, cuts, or abrasions	Manual Lifting HS–025 Ergonomic Program	• Confirm that the lids on all bottles are tight (will not leak). • Place cushioning/absorbent material in the bottom of the cooler and then place the containers in the cooler with sufficient space to allow for the addition of cushioning between the containers. • Use proper dollies or other lifting tools. • Use proper lifting techniques. • Take regular breaks and do not work in unusual positions for long periods of time. • If glassware breaks, dispose of in puncture-resistant containers. Use cut resistant gloves to handle any broken glass.
6. Equipment Decontamination	Contaminant Contact, Cuts or Abrasions, Slips/Trips/Falls	Hazard Identification HS–026 Ergonomic Program	• Wear nitrile gloves and glasses to provide eye protection from splashing. • Wash hands immediately after use. • Take regular breaks and do not work in unusual positions for long periods of time. • Keep trafficked areas free from slip/trip/fall hazards.
7. Demobilize from site	Personal/material security, slips/trips/falls	Hazard Identification HS-026	• Confirm all materials are secured/labeled, including drums and any equipment left on site. • Confirm that any open trenches/pits are properly marked or barricaded.

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
			• Clean all equipment/tools prior to leaving. • Secure any gates/locks. • Notify project manager (or designee) you are leaving the site.

Job Hazard Analysis

Task	**Soil Vapor Sampling**		
Revision Date	11/15/2022	**Client Name**	Mega Development Group
Project Name	Ten 99 Development Project	**Project Number**	2203948
Tools/Equipment Used	Wrench, photoionization detector, gas meter, Summa canisters, hand pump, helium leak detector		
Task Specific Training	GEI Annual Safety Training (HAZWOPER), First Aid/CPR		
Minimum PPE Required	☒ Hard Hat ☒Safety Glasses ☒Safety-Toed Boots ☒ Reflective Vest ☒Hearing Protection ☐ Personal Flotation Device (PFD) ☐ Face Shield ☐ Chaps ☐ Tyvek clothing/boots ☐ Flame Resistant Clothing ☒ Gloves Nitrile/cut resistant ☐Respirator Dust mask for concrete drilling. Respirator base ☐Other		

JHA Prepared By: Leif Robertson	**Date: 11/14/2022**	**Approved by: Stacey Ng**	**Date: 11/15/22**

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
1. Carry Equipment and Set-up	Heavy lifting, Cuts/Scrapes, Slips/Trips/Falls, Pinch points	Non-Powered Hand Tools HS-008a Manual Lifting HS-025 Ergonomic Program	• User proper lifting techniques. • Keep trafficked areas free from slip/trip/fall hazards. • Wear the proper type of glove to protect hands against sharp edges and skin/soft tissue injuries • Wear appropriate footwear • Be aware of hard to grip and hold items that may force your hand or wrist into awkward, stressful positions • Take breaks when carrying items frequently and/or for long distances • Do not overreach when picking up or placing items. • Use the buddy system when necessary
2. Confirm Utility Locate is Completed	Fire, explosion, electrocution	Utility Markout HS-014	• An underground utility survey must be conducted prior to intrusive activities. Coordination with utility locating services, property owner(s) or utility companies must be conducted.

[1] Use the hierarchy of controls to determine applicable hazard controls for the task in order of most effective to least effective: Elimination (physically remove the hazard), Substitution (replace the hazard), Engineering Controls (Isolate the team from the hazard), Administrative Controls (change the way people work), PPE (personal protective equipment).

Task Steps	Potential Hazards	GEI SOP or Program	Hazard Controls[1]
			• Utilities are to be considered live or active until documented otherwise. • For overhead utilities within 50 feet, determine with the utility company the appropriate distance. Minimum distance for clearance is based on voltage of the line. • If exposing a utility, proper support and protection must be provided so that the utility will not be damaged. • If a gas line is contacted, the contractor must notify police, fire, and emergency personnel, and evacuate employees according to the site evacuation procedures. No attempt will be made to tamper with or correct the damaged utility.
3. Oversee Soil Vapor Point Installation	Contaminant Exposure, Noise, Cuts/Scrapes, Heavy Lifting, Repetition, Slips/Trips/Fall	Crystalline Silica Program Ergonomic Program Powered Hand Tools HS-008b Noise Exposure HS-012 Hazard Identification HS-026 Hearing Conservation Program	• Be aware of your surroundings • Confirm that general public has adequate barrier between or distance from the work area • Confirm adequate ventilation and dust control methods are implemented. • If cutting through concrete, follow the work practices and respiratory protection recommended in Table 1 of the GEI Silica Program based on the type of equipment being used to cut through the concrete.
4. Vapor collection	Contaminant Contact	Non-Powered Hand Tools HS-008a Ergonomic Program	• Keep trafficked areas free from slip/trip/fall hazards. • Wear appropriate PPE • Dispose of gloves after use and wash hands
5. Equipment De-Mob	Heavy lifting, Cuts/Scrapes, Slips/Trips/Falls, Pinch points	Non-Powered Hand Tools HS-008a Manual Lifting HS-025 Ergonomic Program	• User proper lifting techniques. • Keep trafficked areas free from slip/trip/fall hazards. • Wear the proper type of glove to protect hands against sharp edges and skin/soft tissue injuries • Wear appropriate footwear • Be aware of hard to grip and hold items that may force your hand or wrist into awkward, stressful positions • Take breaks when carrying items frequently and/or for long distances • Do not overreach when picking up or placing items. • Use the buddy system when necessary

Appendix C

Safety Data Sheets

MATERIAL SAFETY DATA SHEET

ALCONOX®

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	**ALCONOX®**
CHEMICAL FAMILY NAME:	Detergent.
PRODUCT USE:	Critical-cleaning detergent for laboratory, healthcare and industrial applications
U.N. NUMBER:	Not Applicable
U.N. DANGEROUS GOODS CLASS:	Non-Regulated Material
SUPPLIER/MANUFACTURER'S NAME:	Alconox, Inc.
ADDRESS:	30 Glenn St., Suite 309, White Plains, NY 10603. USA
EMERGENCY PHONE:	**TOLL-FREE in USA/Canada** 800-255-3924
	International calls 813-248-0585
BUSINESS PHONE:	914-948-4040
DATE OF PREPARATION:	May 2011
DATE OF LAST REVISION:	February 2008

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product is a white granular powder with little or no odor. Exposure can be irritating to eyes, respiratory system and skin. It is a non-flammable solid. The Environmental effects of this product have not been investigated.

US DOT SYMBOLS

Non-Regulated

CANADA (WHMIS) SYMBOLS



EUROPEAN and (GHS) Hazard Symbols



Signal Word: **Warning!**

EU LABELING AND CLASSIFICATION:

Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex 1
EC# 205-633-8 This substance is not classified in the Annex I of Directive 67/548/EEC
EC# 268-356-1 This substance is not classified in the Annex I of Directive 67/548/EEC
EC# 231-838-7 This substance is not classified in the Annex I of Directive 67/548/EEC
EC# 231-767-1 This substance is not classified in the Annex I of Directive 67/548/EEC
EC# 207-638-8 Index# 011-005-00-2
EC# 205-788-1 This substance is not classified in the Annex I of Directive 67/548/EEC

GHS Hazard Classification(s):

Eye Irritant Category 2A

Hazard Statement(s):

H319: Causes serious eye irritation

Precautionary Statement(s):

P260: Do not breath dust/fume/gas/mist/vapors/spray
P264: Wash hands thoroughly after handling
P271: Use only in well ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection/

Hazard Symbol(s):

[Xi] Irritant

Risk Phrases:
R20: Harmful by inhalation
R36/37/38: Irritating to eyes, respiratory system and skin

Safety Phrases:
S8: Keep container dry
S22: Do not breath dust
S24/25: Avoid contact with skin and eyes

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE: Exposure to this product may cause irritation of the eyes, respiratory system and skin. Ingestion may cause gastrointestinal irritation including pain, vomiting or diarrhea.

CHRONIC: This product contains an ingredient which may be corrosive.

TARGET ORGANS: ACUTE: Eye, respiratory System, Skin CHRONIC: None Known

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Sodium Bicarbonate	144-55-8	205-633-8	1044	33 - 43%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Sodium (C10 – C16) Alkylbenzene Sulfonate	68081-81-2	268-356-1	Not Listed	10 – 20%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Sodium Tripolyphosphate	7758-29-4	231-838-7	1469	5 - 15%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Tetrasodium Pyrophosphate	7722-88-5	231-767-1	1140	5 - 15%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Sodium Carbonate	497-19-8	207-638-8	1135	1 - 10%	HAZARD CLASSIFICATION: [Xi] Irritant RISK PHRASES: R36
Sodium Alcohol Sulfate	151-21-3	205-788-1	0502	1 – 5%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2004 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard *JIS Z 7250: 2000*.

SECTION 4 - FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing dificulty continues.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin, or eye problems may be aggravated by prolonged contact.

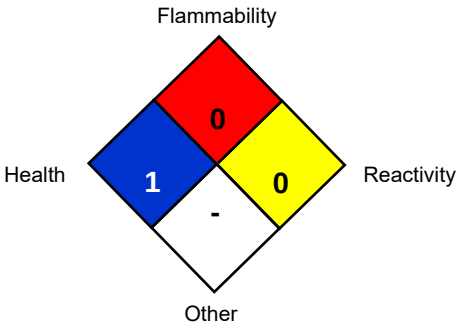
RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.

SECTION 5 - FIRE-FIGHTING MEASURES

FLASH POINT: Not Flammable
AUTOIGNITION TEMPERATURE: Not Applicable
FLAMMABLE LIMITS (in air by volume, %): Lower (LEL): NA Upper (UEL): NA
FIRE EXTINGUISHING MATERIALS: As appropriate for surrounding fire. Carbon dioxide, foam, dry chemical, halon, or water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product is non-flammable and has no known explosion hazards.
Explosion Sensitivity to Mechanical Impact: Not Sensitive.
Explosion Sensitivity to Static Discharge: Not Sensitive
SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH HAZARD (BLUE)	1
FLAMMABILITY HAZARD (RED)	0
PHYSICAL HAZARD (YELLOW)	0

PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8

For Routine Industrial Use and Handling Applications

Hazard Scale: **0** = Minimal **1** = Slight **2** = Moderate **3** = Serious **4** = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Personnel should be trained for spill response operations.
SPILLS: Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Sweep, shovel or vacuum spilled material and place in an appropriate container for re-use or disposal. Avoid dust generation if possible. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing dusts generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

STORAGE AND HANDLING PRACTICES: Containers of this product must be properly labeled. Store containers in a cool, dry location. Keep container tightly closed when not in use. Store away from strong acids or oxidizers.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA	SWA
Sodium Bicarbonate	144-55-8	10 mg/m³ Total Dust	15 mg/m³ Total Dust	10 mg/m³ Total Dust
Sodium (C10 – C16) Alkylbenzene Sulfonate	68081-81-2	10 mg/m³ Total Dust	15 mg/m³ Total Dust	10 mg/m³ Total Dust
Sodium Tripolyphosphate	7758-29-4	10 mg/m³ Total Dust	15 mg/m³ Total Dust	10 mg/m³ Total Dust
Tetrasodium Pyrophosphate	7722-88-5	5 mg/m³	5 mg/m³	5 mg/m³
Sodium Carbonate	497-19-8	10 mg/m³ Total Dust	15 mg/m³ Total Dust	10 mg/m³ Total Dust
Sodium Alcohol Sulfate	151-21-3	10 mg/m³ Total Dust	15 mg/m³ Total Dust	10 mg/m³ Total Dust

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Based on test data, exposure limits should not be exceeded under normal use conditions when using Alconox Detergent. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Safety glasses. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

HAND PROTECTION: Use chemical resistant gloves to prevent skin contact.. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
APPEARANCE & ODOR:	White granular powder with little or no odor.
ODOR THRESHOLD (PPM):	Not Available
VAPOR PRESSURE (mmHg):	Not Applicable
VAPOR DENSITY (AIR=1):	Not Applicable.
BY WEIGHT:	Not Available
EVAPORATION RATE (nBuAc = 1):	Not Applicable.
BOILING POINT (C°):	Not Applicable.
FREEZING POINT (C°):	Not Applicable.
pH:	9.5 (1% aqueous solution)
SPECIFIC GRAVITY 20°C: (WATER =1)	0.85 – 1.1
SOLUBILITY IN WATER (%)	>10% w/w
COEFFICIENT OF WATER/OIL DIST.:	Not Available
VOC:	None
CHEMICAL FAMILY:	Detergent

SECTION 10 - STABILITY and REACTIVITY

STABILITY: Product is stable
DECOMPOSITION PRODUCTS: When heated to decomposition this product produces Oxides of carbon (COx)
MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong acids and strong oxidizing agents.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Contact with incompatible materials and dust generation.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA: Toxicity data is available for mixture:

CAS# 497-19-8 LD50 Oral (Rat)	4090 mg/kg
CAS# 497-19-8 LD50 Oral (Mouse)	6600 mg/kg
CAS# 497-19-8 LC50 Inhalation (Rat)	2300 mg/m³ 2H
CAS# 497-19-8 LC50 Inhalation (Mouse)	1200 mg/m³ 2H
CAS# 7758-29-4 LD50 Oral (Rat)	3120 mg/kg
CAS# 7758-29-4 LD50 Oral (Mouse)	3100 mg/kg
CAS# 7722-88-5 LD50 Oral (Rat)	4000 mg/kg

SUSPECTED CANCER AGENT: None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, nor suspected to be a cancer-causing agent by these agencies.
IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed skin, eyes and respiratory system.
SENSITIZATION OF PRODUCT: This product is not considered a sensitizer.
REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.
ENVIRONMENTAL STABILITY: No Data available at this time.
EFFECT OF MATERIAL ON PLANTS or ANIMALS: No evidence is currently available on this product's effects on plants or animals.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No evidence is currently available on this product's effects on aquatic life.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.
PROPER SHIPPING NAME: Non-Regulated Material
HAZARD CLASS NUMBER and DESCRIPTION: Not Applicable
UN IDENTIFICATION NUMBER: Not Applicable
PACKING GROUP: Not Applicable.
DOT LABEL(S) REQUIRED: Not Applicable
NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): Not Applicable
MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:
This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:
This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):
This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:
This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

SECTION 15 - REGULATORY INFORMATION

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: No Fire: No Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): None of the ingredients are on the California Proposition 65 lists.

CANADIAN REGULATIONS:

CANADIAN DSL/NDSL INVENTORY STATUS: All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product is categorized as a Controlled Product, Hazard Class D2B as per the Controlled Product Regulations

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed
Australian Inventory of Chemical Substances (AICS):	Listed
Korean Existing Chemicals List (ECL):	Listed
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed
Philippines Inventory if Chemicals and Chemical Substances (PICCS):	Listed
Swiss Giftliste List of Toxic Substances:	Listed
U.S. TSCA:	Listed

SECTION 16 - OTHER INFORMATION

PREPARED BY: Paul Eigbrett Global Safety Management, 10006 Cross Creek Blvd. Suite 440, Tampa, FL 33647

Disclaimer: To the best of Alconox, Inc. knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type either express or implied are provided. The information contained herein relates only to this specific product.

ANNEX:

IDENTIFIED USES OF ALCONOX® AND DIRECTIONS FOR USE

Used to clean: Healthcare instruments, laboratory ware, vacuum equipment, tissue culture ware, personal protective equipment, sampling apparatus, catheters, tubing, pipes, radioactive contaminated articles, optical parts, electronic components, pharmaceutical apparatus, cosmetics manufacturing equipment, metal castings, forgings and stampings, industrial parts, tanks and reactors. Authorized by USDA for use in federally inspected meat and poultry plants. Passes inhibitory residue test for water analysis. FDA certified.

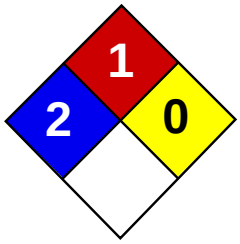
Used to remove: Soil, grit, grime, buffing compound, slime, grease, oils, blood, tissue, salts, deposits, particulates, solvents, chemicals, radioisotopes, radioactive contaminations, silicon oils, mold release agents.

Surfaces cleaned: Corrosion inhibited formulation recommended for glass, metal, stainless steel, porcelain, ceramic, plastic, rubber and fiberglass. Can be used on soft metals such as copper, aluminum, zinc and magnesium if rinsed promptly. Corrosion testing may be advisable.

Cleaning method: Soak, brush, sponge, cloth, ultrasonic, flow through clean-inplace. Will foam—not for spray or machine use.

Directions: Make a fresh 1% solution (2 1/2 Tbsp. per gal., 1 1/4 oz. per gal. or 10 grams per liter) in cold, warm, or hot water. If available use warm water. Use cold water for blood stains. For difficult soils, raise water temperature and use more detergent. Clean by soak, circulate, wipe, or ultrasonic method. Not for spray machines, will foam. For nonabrasive scouring, make paste. Use 2% solution to soak frozen stopcocks. To remove silver tarnish, soak in 1% solution in aluminum container. RINSE THOROUGHLY—preferably with running water. For critical cleaning, do final or all rinsing in distilled, deionized, or purified water. For food contact surfaces, rinse with potable water. Used on a wide range of glass, ceramic, plastic, and metal surfaces. Corrosion testing may be advisable.





Health	2
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Chromium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Chromium

Catalog Codes: SLC4711, SLC3709

CAS#: 7440-47-3

RTECS: GB4200000

TSCA: TSCA 8(b) inventory: Chromium

CI#: Not applicable.

Synonym: Chromium metal; Chrome; Chromium Metal Chips 2" and finer

Chemical Name: Chromium

Chemical Formula: Cr

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Chromium	7440-47-3	100

Toxicological Data on Ingredients: Chromium LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Slightly hazardous in case of ingestion.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to kidneys, lungs, liver, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 580°C (1076°F)

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Moderate fire hazard when it is in the form of a dust (powder) and burns rapidly when heated in flame. Chromium is attacked vigorously by fused potassium chlorate producing vivid incandescence. Pyrophoric chromium unites with nitric oxide with incandescence. Incandescent reaction with nitrogen oxide or sulfur dioxide.

Special Remarks on Explosion Hazards:
Powdered Chromium metal +fused ammonium nitrate may react violently or explosively. Powdered Chromium will explode spontaneously in air.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.5 (mg/m3) from ACGIH (TLV) [United States] TWA: 1 (mg/m3) from OSHA (PEL) [United States] TWA: 0.5 (mg/m3) from NIOSH [United States] TWA: 0.5 (mg/m3) [United Kingdom (UK)] TWA: 0.5 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Odorless.

Taste: Not available.

Molecular Weight: 52 g/mole

Color: Silver-white to Grey.

pH (1% soln/water): Not applicable.

Boiling Point: 2642°C (4787.6°F)

Melting Point: 1900°C (3452°F) +/- !0 deg. C

Critical Temperature: Not available.

Specific Gravity: 7.14 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:
Insoluble in cold water, hot water. Soluble in acids (except Nitric), and strong alkalies.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents, acids, alkalis.

Corrosivity: Not available.

Special Remarks on Reactivity:
Incompatible with molten Lithium at 180 deg. C, hydrogen peroxide, hydrochloric acid, sulfuric acid, most caustic alkalies and alkali carbonates, potassium chlorate, sulfur dioxide, nitrogen oxide, bromine pentafluoride. It may react violently or ignite with bromine pentafluoride. Chromium is rapidly attacked by fused sodium hydroxide + potassium nitrate. Potentially hazardous incompatibility with strong oxidizers.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. May cause damage to the following organs: kidneys, lungs, liver, upper respiratory tract.

Other Toxic Effects on Humans:
Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of ingestion.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
May cause cancer based on animal data. There is no evidence that exposure to trivalent chromium causes cancer in man.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: May cause skin irritation. Eyes: May cause mechanical eye irritation. Inhalation: May cause irritation of the respiratory tract and mucous membranes of the respiratory tract. Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting, diarrhea. Chronic Potential Health Effects: Inhalation: The effects of chronic exposure include irritation , sneezing, reddness of the throat, bronchospasm, asthma, cough, polyps, chronic inflammation, emphysema, chronic bronchitis, pharyngitis, bronchopneumonia, pneumoconoisis. Effects on the nose from chronic chromium exposure include irritation, ulceration, and perforation of the nasal septum. Inflammation and ulceration of the larynx may also occur. Ingestion or Inhalation: Chronic exposure may cause liver and kidney damage.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
Connecticut hazardous material survey.: Chromium Illinois toxic substances disclosure to employee act: Chromium Illinois chemical safety act: Chromium New York release reporting list: Chromium Rhode Island RTK hazardous substances: Chromium Pennsylvania RTK: Chromium Minnesota: Chromium Michigan critical material: Chromium Massachusetts RTK: Chromium Massachusetts spill list: Chromium New Jersey: Chromium New Jersey spill list: Chromium Louisiana spill reporting: Chromium California Director's List of Hazardous Substances: Chromium TSCA 8(b) inventory: Chromium SARA 313 toxic chemical notification and release reporting: Chromium CERCLA: Hazardous substances.: Chromium: 5000 lbs. (2268 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
R40- Limited evidence of carcinogenic effect S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 08:16 PM

Last Updated: 05/21/2013 12:00 PM

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.

Appendix D

Forms

GEI Consultants

Accident/Incident Report Form

Please complete this form and send it to your Branch Manager, HR and CHSO ***within 24 hours*** of the incident.

SECTION A — ACCIDENT/INCIDENT DETAILS

EMPLOYEE INFORMATION:

Name: _____

Home Address: _____
Street Address City State Zip Code

Contact Information: ( ) _____ ( ) _____
Primary Secondary

Date of Birth: _____

Date of Hire: _____

Branch: _____

Supervisor: _____

OTHER INJURED (IF APPLICABLE):

Name: _____

Home Address: _____
Street Address City State Zip Code

Contact Information: ( ) _____ ( ) _____
Primary Secondary

Date of Birth: _____

Date of Hire: _____

Branch: _____

Supervisor: _____

Date and Time Accident/Incident	Date and Time Reported
____ /____ /____ Month Day Year	____ /____ /____ Month Day Year
____ A.M. ____ P.M.	____ A.M. ____ P.M.

LOCATION OF INCIDENT/ACCIDENT

Project Name: _____

Client and Location: _____

or _____

Office Location: _____

INCIDENT TYPE: (Check All That Applies)

- ☐ **Personal Injury/Illness**
- ☐ **Vehicle Accident**
- ☐ **Property Damage**
- ☐ **Environmental Spill**
- ☐ **Other**

WITNESS INFORMATION

Name: _____

Contact Number: _____

Company: _____

WHAT HAPPENED TO THE INJURED PARTY: ☐ First Aid Administered ☐ Refused Treatment/Transport ☐ Transported to Hospital ☐ Returned to Work ☐ Went Home ☐ Went to Physician ☐ Unknown

Clinic/Hospital or Treating Physician: _____ Phone: _____
Name Street Address City State Zip Code

SECTION B — PERSONAL INJURY

Cause of Injury: _____

Part of Body Injured: _____ Multiple Injuries: ☐ Y ☐ N

Was PPE worn when injured? : ☐ Y ☐ N What PPE was worn? _____

WAS INJURY A RESULT OF THE USE A MOTOR VEHICLE: ☐ **YES** ☐ **NO** **(If yes, complete Section C)**

GEI Consultants

Accident/Incident Report Form

Please complete this form and send it to your Branch Manager, HR and CHSO ***within 24 hours*** of the incident.

SECTION C — AUTO ACCIDENT ONLY

DRIVER/VEHICLE INFORMATION

Name of Insured: _____

Department: _____

Driver's License Number: _____

DOB: ____/____/____ State: _____

Description of Vehicle: License Plate Number: _____

Make: _____ Model: _____ Year:_____ Color:_____

Owner: _____

Name of Other Driver: _____

Driver's License Number: _____

State: _____

Description of Vehicle: License Plate Number: _____

Make: _____ Model:_____ Year:_____ Color:_____

Insurance Carrier: _____

Policy Number: _____Ph. Number:_____

SECTION D — PROPERTY DAMAGE OR CHEMICAL RELEASE ONLY

Type of Damage(s): _____

Cause of Damage(s): _____

Type of Chemical Released (if known): _____

Quantity of Chemical Released: _____

Spill Measures Employed: _____

SECTION E — NATURE OF ACCIDENT/INCIDENT AND EXTENT OF INJURIES/DAMAGES

(Please give a detailed description of what happened. Attach a sketch or picture if applicable)

_____

_____

_____

_____

_____

_____

_____

_____

_____

I hereby certify that the above information is true and correct to my understanding of this accident/incident.

_____ _____

Employee/Preparer's Name **Date and Time**

GEI Consultants

Near Miss Report Form

Please complete this form and send it to your Branch Manager, HR and the Safety Team ***within 24 hours*** of the near miss.

NEAR MISS DETAILS

Employee Name: _____

Phone Number: _____

Branch: _____

Supervisor: _____

Date and Time Accident/Incident	Date and Time Reported	LOCATION OF NEAR MISS
____/____/____ Month Day Year ____A.M. ____P.M.	____/____/____ Month Day Year ____A.M. ____P.M.	**Project Name:** _____ **Client and Location:** _____ **or** _____ **Office Location:** _____

WHAT HAPPENED?

(Please give a detailed description of what happened. Attach photos or a sketch, if applicable.)

_____

_____

_____

_____

_____

☐ **Photos were Taken**

WHAT WAS DONE?

(Please give a detailed description of what was done to prevent and incident from occurring.)

_____

_____

_____

_____

_____

_____

☐ **I have verbally contacted a member of the Safety Team and my Supervisor.**

_____ _____

Employee/Preparer's Name **Date and Time**

Project Safety Briefing Form

Project Number:	**Project Name:**
Date:	**Time:**
Briefing Conducted by:	**Signature:**

This sign-in log documents that a project specific-briefing was conducted in accordance with the site-specific HASP and GEI's H&S policy. GEI personnel who perform work on site are required to attend this project briefing. Applicable health and safety SOPs and any additional hazards are also required to be reviewed during this briefing. Prior to the start of the project or upon the start of a new on-site project team member, this form must be completed. Please email this completed form to:

SafetyTeam@geiconsultants.com

TOPICS COVERED (check all those covered):			
SOP HS-001 Biological Hazards		SOP HS-025 Manual Lifting	
SOP HS-002 Bloodborne Pathogens		SOP HS -26 Hazard Identification	
SOP HS-003 Container Management		SOP HS-27 Confined Space Entry for Sanitary Sewers	
SOP HS-004 Driver Safety		SOP HS-28 Safe Trailer Use	
SOP HS-005a Electrical Safety		SOP HS-29 Overtime and Fatigue Management	
SOP HS-005b Lockout/Tagout		Accident Reporting Procedures	
SOP HS-006 Excavation/Trenching		Changes to the HASP	
SOP HS-008a Hand Tools (Non-Powered)		Cold Stress	
SOP HS-008b Powered Hand Tools		Confined Space	
SOP HS-009 Hazardous Substances Management		Decon Procedures	
SOP HS-010 Inclement Weather		Exposure Guidelines	
SOP HS-011 Ladders		General PPE Usage	
SOP HS-012 Noise Exposure		Heat Stress	
SOP HS-013 Nuclear Density Gauge		Hearing Conservation	
SOP HS-014 Utility Markout		Lockout/Tagout	
SOP HS-015 Respirator Fit Test		Personal Hygiene	
SOP HS-016 Traffic Hazards		Respiratory Protection	
SOP HS-017 Water Safety		Review of Hazard Evaluation	
SOP HS-018 Working Around Heavy Equipment		Site Control	
SOP HS-019 Rail Safety		Site Emergency Procedures	
SOP HS-020 Aerial Lift		Slips, Trips, Falls	
SOP HS-021 Mobile Equipment		Other (Specify):	
SOP HS-022 Aquatic Ecological Survey/Electrofishing		Other (Specify):	
SOP HS-023 Scaffolding		Other (Specify):	
SOP HS-024 Wilderness Safety		Other (Specify):	

Personnel Sign-in List	
Printed Name	**Signature**

GEI Consultants

Daily Safety Briefing and Site Visitor Sign-In

Project Number:	**Project Name:**
[1]Date:	**Time:**
Briefing Conducted by:	**Signature:**

This sign-in log documents the tailgate briefing conducted in accordance with the site specific HASP. Personnel who perform work operations on site are required to attend each briefing and to acknowledge receipt of each briefing, daily.

TOPICS COVERED (check all those covered):

☐ Accident Reporting Procedures	☐ General PPE Usage	☐ Site Control	☐ Other:
☐ Cellular Phone Charged w/Service	☐ Heat Stress	☐ Site Emergency Procedures	☐ Other:
☐ Changes to the HASP	☐ Hearing Conservation	☐ Slips, Trips, Falls	☐ Other:
☐ Cold Stress	☐ Lockout/Tagout	☐ Traffic Safety	☐ Other:
☐ Confined Space	☐ Personal Hygiene	☐ Other:	☐ Other:
☐ Decon Procedures	☐ Respiratory Protection	☐ Other:	☐ Other:
☐ Exposure Guidelines	☐ Review of Hazards	☐ Other:	☐ Other:

Daily Safety Topic Description:

Personnel Sign-in List

Printed Name	Signature	Company Name	Time-In	Time-Out

[1] This form is applicable for *only* 1 day of site activity.

Appendix E

GEI's Health and Safety SOPs and Programs

Applicable GEI H&S SOPs *(check all that apply)*		
☐ Biological Hazards – 001	☐ Inclement Weather – 010	☐ Aerial Lift – 020
✔ Bloodborne Pathogens – 002	☐ Ladders -011	☐ Mobile Equipment – 021
☐ Container Management – 003	☐ Noise Exposure -012	☐ Aquatic Ecological Survey & Electrofishing -022
☐ Driver Safety - 004	☐ Nuclear Density Gauge Operation -013	☐ Scaffolding - 023
☐ Electrical Safety - 005a	☐ Utility Markout-014	☐ Wilderness Safety - 024
☐ Lockout Tagout - 005b	☐ Respirator Fit Test Procedure-015	☐ Manual Lifting – 025
☐ Excavation Trenching - 006	☐ Traffic Hazards -016	✔ Hazard Identification - 026
☐ Non-Powered Hand Tools -008a	☐ Water Safety – 017	☐ Confined Space Entry for Sanitary Sewers – 027
☐ Powered Hand Tools – 008b	☐ Working Around Heavy Equipment – 018	☐ Safe Trailer Use – 028
☐ Hazardous Substances Management -009	☐ Rail Safety -019	

Scan this QR code with your smartphone to access all GEI H&S SOPs

Applicable GEI H&S Programs *(check all that apply)*		
☐ Asbestos Program	☐ DOT Driver Safety	☐ Hydrogen Sulfide
☐ Arsenic Safety	✔ Ergonomic	☐ Injury and Illness Prevention (California Only)
☐ Benzene Awareness	☐ Fall Protection	☐ Respiratory Protection Program
☐ Cadmium Safety	✔ Hazard Communication	☐ Lead Awareness
☐ Cold Stress	☐ Hearing Conservation	✔ Fire Prevention
☐ Confined Space Entry	☐ Heat Illness Prevention	
☐ Crystalline Silica	☐ Hexavalent Chromium	

Scan this QR code with your smartphone to access all GEI Programs

Appendix F

Fall Protection Plan

Fall Protection Plan

This fall protection plan addresses the use of fall protection for work performed on the Insert Project Name and Location. The GEI scope of work that involves fall protection for Select One: working near the edge of a 6 foot or greater excavation or working on elevated areas with the potential to fall greater than 4 feet in general industry or working on elevated areas with the potential to fall greater than 6 feet during construction activities includes: Insert GEI scope-of-work which requires fall protection.

This section is designed to enable GEI employees to recognize the site-specific fall hazards and to establish procedures that are to be followed in order to prevent falls. Each employee will be trained in these procedures and strictly adhere to them except when doing so would expose the employee to a greater hazard. This plan follows GEI's Fall Prevention and Protection Program which outlines the procedures, precautions, responsibilities, and methods used by GEI and complies with the Occupational Safety and Health Administration (OSHA) Fall Protection Standard, 29 CFR 1926, Subpart M. This program applies to employees who work or have the potential to work on projects where exposure to falls greater than 5 feet are possible.

The fall protection procedures in this HASP will be reviewed by a qualified person to determine if additional practices, procedures, or training needs to be implemented. Any changes to the plan will be approved by the Safety Director. Workers will be notified and trained, if necessary, in the new procedures. A copy of this plan and all approved changes will be maintained at the jobsite.

Responsibilities

The PM for this project is responsible for the overall health and safety of the project tasks. It is the responsibility of the SSM to implement the fall protection procedures, provide continual observational safety checks, implement the safety policy and procedures, and correct any unsafe acts or conditions immediately. It is the responsibility of the on-site GEI employee(s) to understand and adhere to the fall protection procedures and to follow the instructions of the SSM. It is also the responsibility of the GEI employee(s) to bring to management's attention any unsafe or hazardous conditions or acts that may cause injury to either themselves or any other employees. The SSM will report directly to the PM. Any changes to this plan must be approved by the Safety Director.

A pre-entry briefing will take place prior to starting work involving all members of the GEI field crew and the contractor. This conference will be conducted by the SSM. During the pre-entry briefing, information pertinent to the site-specific tasks will be thoroughly discussed and safety practices to be used throughout the project will be specified. This

briefing will be documented on the GEI Safety Briefing form (Appendix D) and signed by the participants.

Project-Specific Fall Protection Systems

Aerial Man Lifts

Any GEI employee who has the potential for working on or utilizing aerial lifts will receive training on the use and hazards associated with this equipment (GEI HS-020). Aerial lifts that are rented from equipment suppliers must provide equipment-specific training. Only authorized trained employees are allowed to operate this type of equipment. Falling from a lift is a hazard that must be recognized, and steps taken to mitigate the risk. A full-body harness personal fall arrest system must be used when operating lifts which will be attached to the boom or basket. Fall arrest systems are not permitted to be attached to adjacent poles or structures.

Personal Fall Arrest Systems

The ANSI A10.14-1991 *American National Standard for Construction and Demolition Operations - Requirements for Safety Belts, Harnesses, Lanyards and Lifelines for Construction and Demolition Use*, states that the anchor point of a lanyard or deceleration device should, if possible, be located above the wearer's belt or harness attachment. ANSI A10.14 also states that a suitable anchorage point is one which is located as high as possible to prevent contact with an obstruction below should the worker fall. The anchor point is located on a piece of heavy construction equipment located at the pipe section or siphon.

Most manufacturers also warn that the safety block/retractable lifeline must be positioned above the D-ring (above the workspace of the intended user) and OSHA recommends that fall arrest and restraint equipment be used in accordance with the manufacturer's instructions.

The risk of a cable breaking is increased if a lifeline is dragged sideways across the rough surface or edge of concrete at the same moment that the lifeline is being subjected to a maximum impact loading during a fall. The typical 3/16-inch cable in a retractable lifeline has a breaking strength of from 3,000 to 3,700 lbs.

Guardrail Systems

Only guardrails made from steel, wood, and wire rope will be acceptable. All guardrail systems will comply with the current OSHA standards (i.e., contain a 42-inch-high top rail, a mid-rail, and toe board, which can withstand 200 pounds of force in any direction).

Engineered Lifelines

Lifeline systems must be designed and approved by an engineer or qualified person. These systems must be engineered to have appropriate anchorages, strength of line designed to hold

the engineered number of individuals connected to it, line strength to aid in the arrest of a fall, and durability to hold a fallen employee(s) suspended until a rescue can occur.

Warning Lines and Safety Monitors

All work on a flat roof greater than 50 feet wide, which is performed 6 feet or further back from the edge of the roof can be completed by installing a Warning Line and using a safety monitor. If the roof is flat and less than 50 feet wide, a competent person safety monitor may be used. If an employee must access an area within 6 feet of the roof's edge, for reasons other than exiting the roof via a ladder or fixed industrial ladder, another employee must monitor that individual and warn him/her of any dangers. If another employee is not available to act as a safety monitor, then the employee must don a full body harness and attach a fall restraint lanyard to an anchor point to prevent reaching the edge of the roof.

Equipment Safety

Inspection of Equipment

Prior to any use, fall protection equipment must be inspected to determine if it is in good working condition. Fall protection equipment should be stored according to manufacturer's recommendations to prevent damage and be inspected annually by a competent person. Any fall equipment that does not pass inspection or has been involved in a fall will be destroyed.

Potential Equipment Failures

The factors causing sudden movements and/or unsafe operating conditions for this equipment and activity include:

1. Structure Conditions
    A. Structure shifting
    B. Bracing failure
    C. Product failure
2. Human Error
    A. Incorrect lifeline connection
    B. Tag line hang-up
    C. Incorrect or misunderstood signals
3. Weather Conditions
    A. High winds or gusting wind conditions

Rescue Equipment and Procedures

This section specifically addresses rescue and retrieval of GEI employees in the case of emergencies. At the beginning of any work activity where fall protection is an issue, rescue plans must be identified and discussed with all employees in case of a fall. Outline the specific arrangements made with the rescue team that will provide the prompt rescue of employees in the event of a fall or outline the self-rescue or non-entry rescue procedures that GEI employees will use to rescue themselves.

In the event of a fall, the following people will be notified as soon as possible.

1. Rescue Personnel (i.e., maintenance personnel).
2. Fire Department and emergency medical services if necessary
3. PM/SSM
4. Corporate Safety Director

All employees involved in a fall arrest or fall will be sent immediately for a medical evaluation to determine the extent of injuries, if any. All incidents involving a fall of a GEI employee will be investigated by the Safety Director.

Controlled Access Zones

Only GEI trained and authorized employees are permitted to enter defined controlled access zones and areas from which fall protection is needed. All other workers are prohibited from entering controlled access zones. Constant awareness of and respect for fall hazards, and compliance with all safety rules are considered conditions of employment. The GEI PM and the Safety Director reserve the right to issue disciplinary warnings to employees, up to and including orders to leave the worksite, for failure to follow the guidelines of the fall protection procedures in this fall protection plan.

Appendix L

Request to Import/Reuse Fill Material Form

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Choose an item

Have Ecological Resources been identified? Choose an item

Is this soil originating from the site? Choose an item

How many cubic yards of soil will be imported/reused? Choose an item

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? Choose an item

Does it contain less than 10%, by weight, material that would pass a size 10 sieve? Choose an item

Does it contain less than 10%, by weight, material that would pass a size 100 sieve? Choose an item

Is this virgin material from a permitted mine or quarry? Choose an item

Is this material recycled concrete or brick from a DEC registered processing facility? Choose an item

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

_____ _____

Signature Date

_____

Print Name

_____

Firm

Revised August 2014