NONAQUEOUS PHASE LIQUID INVESTIGATION REPORT

for

145-165 WOLCOTT STREET
Brooklyn, New York
NYSDEC BCP Site No. C224256

Prepared For:

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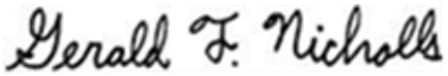

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Langan Project No.: 170562203

LANGAN

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1.0 INTRODUCTION

1.1 General

This Nonaqueous Phase Liquid (NAPL) Investigation Report was prepared on behalf of NYM 145 Wolcott, LLC (the Volunteer) for Brownfield Cleanup Program (BCP) Site No. C224256, which is located at 145-165 Wolcott Street in Brooklyn, New York (the site). The site is identified on the Brooklyn Borough Tax Map as Block 574, Lot 1 (formerly Lots 1, 23, and 24). This NAPL Investigation Report was prepared in accordance with the May 22, 2024 NAPL Investigation Work Plan and a July 17, 2024 NAPL Investigation Work Plan Addendum (Work Plan Addendum) that were approved by the New York State Department of Environmental Conservation (NYSDEC) on May 23, 2024 and July 18, 2024, respectively. The Work Plan Addendum and NYSDEC correspondence are included in Appendix A.

The NAPL Investigation Work Plan was prepared in response to a request by the NYSDEC during a project status call with Langan on January 17, 2024. The Work Plan Addendum was prepared in response to an NYSDEC request on July 17, 2024.

1.2 Site Location and Proposed Redevelopment

The approximately 80,000-square-foot (1.84-acre) site is at 145-165 Wolcott Street in the Red Hook neighborhood of Brooklyn, New York. The site is bound by Ferris Street followed by vacant lots to the northwest; Wolcott Street followed by mixed-use commercial and light industrial properties to the northeast; Conover Street followed by mixed-use institutional and commercial properties to the southeast; and mixed-use residential and commercial buildings followed by Dikeman Street and mixed-use residential and industrial buildings to the southwest. The site is vacant and improved with the concrete slab of a former building and an inactive construction trailer on the southeastern part of the site. The remainder of the site is improved with asphalt and concrete gravel pavement. A Site Location Map is included as Figure 1.

The Volunteer plans to redevelop the property as an industrial facility used for film and television production that will include a multi-story building with soundstages, production support, and ancillary office spaces with subgrade parking. The new building will occupy the entire site footprint.

1.3 NAPL Investigation Objectives

The NAPL investigation was completed to evaluate for the potential presence of tar-related dense non-aqueous phase liquid (DNAPL) and to delineate the horizontal and vertical extent of tar-related DNAPL (if identified) and petroleum-related light non-aqueous phase liquid (LNAPL) identified during previous investigations. Supplemental borings were also advanced to evaluate the extent of shallow tar-like material between 0 and 16 feet below grade surface (bgs) on the northwestern part of the site. The findings of this investigation will be used to evaluate potential remedies presented in a forthcoming Remedial Action Work Plan.

2.0 SITE BACKGROUND

2.1 BCP Status and Site History

The Volunteer entered into the NYSDEC BCP to investigate and remediate the site in accordance with a Brownfield Cleanup Agreement executed on May 21, 2024. The site was previously enrolled in the BCP under the same site number on behalf of Red Hook JV, LLC, and was subsequently withdrawn from the BCP on December 13, 2023. Under the previous BCP iteration, a Remedial Investigation (RI) was completed in two phases between 2018 and 2021, and the NYSDEC approved the Phase I RI and Phase II RI reports on April 28, 2022 and March 16, 2023, respectively. Findings from the Phase 1 and Phase 2 RI Reports are included in Section 2.2.

The site has a protracted history of industrial and commercial usage, including oil resin manufacturing (1886), engine manufacturing and boiler repair (1904), transformer use (1915), commercial vehicle repair and petroleum bulk storage (1938-2016), lumber storage (1950-1992), commercial waste recycling (1993-2012), school bus parking and maintenance (2002-2016), and retail and commercial vehicle storage (2020-2022). The site was also used as a vehicle disassembly facility in the early 1940s, during which military vehicles were coated with the petroleum-based wax sealant cosmoline prior to overseas shipment. Residences were located on the southern part of the site along Conover Street between 1886 and 1969. The former warehouse building on the eastern part of the site was demolished between November 2022 and February 2023. The concrete slab of the former building remains in place.

Historical records indicate that the site contained six historical petroleum underground storage tanks (UST), which were either closed-in-place or removed by 2003. Five inactive fuel oil and kerosene aboveground storage tanks (AST) were closed and removed from inside the former building, and one inactive, concrete-encased diesel AST was closed and removed from the area north of the former building in May 2022. The tanks were administratively closed under NYSDEC Petroleum Bulk Storage Facility ID No. 2-600048.

2.2 Previous Findings Relevant to NAPL

Previous investigations documented LNAPL at two locations in the northern and southeastern parts of the site. The Phase I RI also identified dissolved-phase groundwater impacts potentially indicative of DNAPL at depths between 60 and 80 feet bgs within the northern and central parts of the site. NAPL is defined in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Part 375-1.2(ac) (Part 375) as "*a contaminant that is a liquid which may be denser or lighter than water and does not mix easily or dissolve in water, but remains as a separate phase*". Potential on-site sources of LNAPL include undocumented releases during historical vehicle repair in the former building on the eastern part of the site and petroleum bulk storage on the northern part of the site. An adjoining BCP Site, Red Hook 3 Properties (BCP Site No. C224213), is located northwest of the site across Ferris Street. The Red Hook 3 Properties site may also contribute to LNAPL observed on the northern part of the site.

An on-site source of potential deep tar-related impacts indicative of DNAPL was not identified during previous investigations. Potential off-site sources of DNAPL include the Red Hook 3 BCP Site, at which historical tar manufacturing and tar-related impacts are documented, and the BCP Site, Red Hook 4 Properties (BCP Site No. C224214), which is located northeast of the site and has documented DNAPL.

The former BCP Volunteer conducted Phases I and II of the RI between 2018 and 2021. Findings relevant to the presence of NAPL are summarized below. Relevant soil boring and monitoring well locations are shown on Figure 2.

Brownfield Cleanup Application Response Letter, prepared by P.W. Grosser Consulting, Inc. (P.W. Grosser), December 19, 2017

P.W. Grosser conducted a supplemental investigation in support of a New York State BCP application. The investigation included a ground penetrating radar (GPR) survey and collection of a sample of tar-like material seeping from a crack in the asphalt pavement on the northwestern part of the site for laboratory analysis for acetone, total petroleum hydrocarbons (TPH) and petroleum hydrocarbon identification (i.e., fingerprint analysis). The exposed portion of tar-like material was about 6 feet in diameter and about 1 foot above the surrounding asphalt. The owner of the property stated that the tar-like material had been oozing from the parking lot in that area since they acquired the property in 1996. The GPR survey did not identify geophysical anomalies indicative of buried USTs. The TPH concentration of the tar-like material was 190,000 milligrams per kilogram (mg/kg) and the gas and flame ionization detector chromatograms of the sample resembled coal tar and No. 6 fuel oil. Acetone was detected at a concentration of 910 micrograms per kilogram (µg/kg).

Phase I RI Report, prepared by P.W. Grosser, April 19, 2021

P.W. Grosser installed 11 shallow groundwater monitoring wells (MW-001 through MW-011) to about 20 feet bgs and installed 4 temporary vertical profile wells (VP001 through VP004) to about 80 feet bgs within the northern, northwestern, central, and southeastern parts of the site. One groundwater sample was collected from each shallow monitoring well, and groundwater samples were collected at discrete, 4-foot intervals for every 10 vertical feet of advancement from the vertical profile wells.

Petroleum-related volatile organic compounds (VOC) exceeded the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGV) for Class GA Water (collectively the NYSDEC SGVs) in 6 of the 11 shallow monitoring wells located on the northern, western, and southeastern parts of the site. Petroleum-related VOCs exceeded the SGVs in samples collected from less than 40 feet bgs in each vertical profile well. P.W. Grosser did not observe LNAPL during the investigation.

Several tar- and/or petroleum-related VOCs and semivolatile organic compounds (SVOC), including naphthalene, exceeded the SGVs in samples collected below 40 feet bgs from vertical

profile wells VP002 and VP003 on the northern and central parts of the property, respectively. Maximum VOC and SVOC concentrations in the vertical profile wells were generally in the deepest samples between 76 and 80 feet bgs. Naphthalene exhibited the highest concentration of 5,000 micrograms per liter (µg/l) at 76 to 80 feet bgs in VP002.

Phase II RI Report, prepared by Langan, October 2022

Langan observed LNAPL in two monitoring wells: MW-002 in the northern part of the site and MW-008 in the southeastern part of the former building, with a thickness of 0.9 feet and 1.48 feet, respectively. TPH analysis and gas chromatograph review of LNAPL samples revealed that the product in MW-002 resembled No. 2 fuel oil/diesel fuel and the product in MW-008 resembled a mixture of gasoline and a motor oil type. The analysis indicated two distinct sources of petroleum impacts.

3.0 FIELD INVESTIGATION

3.1 NAPL Investigation

Langan implemented the NAPL investigation in two phases: June 3 to June 12, 2024 and July 23 to August 13, 2024. The approximate soil boring and groundwater monitoring well locations are shown on Figure 2. Daily field reports documenting the investigation are included as Appendix B and the Geophysical Survey Report is included as Appendix C. A sample summary table is provided as Table 1.

3.1.1 Initial Investigation Phase (June 3 to June 12, 2024)

The first phase of the investigation consisted of the following:

Geophysical Survey

- Completion of a geophysical survey throughout the site to identify potential subsurface anomalies consistent with USTs and to clear sample locations from potential conflicts with subsurface utilities and structures

DNAPL Evaluation

- Advancement of six soil borings in the northern, northwestern, and central parts of the site to depths between 85 and 100 feet bgs

LNAPL Evaluation and Recovery

- Advancement of four soil borings in the northern and eastern part of the site to depths between 15 and 20 feet bgs
- Installation and development of three groundwater monitoring wells to depths between 15 and 17 feet bgs
- Gauging of existing and newly installed monitoring wells to evaluate for the presence of NAPL on a weekly basis between June 14 and August 13, 2024
- Recovery of LNAPL from five wells containing LNAPL between June 14 and August 13, 2024

Shallow Tar-Like Material Delineation

- Advancement of six soil borings in the northwestern part of the site to a maximum depth of 25 feet bgs

3.1.2 Supplemental Investigation Phase (July 23 to August 13, 2024)

Following completion of the initial phase of the NAPL investigation, the NYSDEC requested the installation of deep monitoring wells to further evaluate for the potential presence of DNAPL on the northern and northwestern parts of the site. The NYSDEC also requested the analysis of soil samples collected during boring advancement for deep well installation and the collection of groundwater samples from the deep wells. The NYSDEC approved the July 17, 2024 Work Plan

Addendum for the supplemental phase of the investigation on July 18, 2024. The Work Plan Addendum and NYSDEC approval letter are included in Appendix A.

The supplemental phase of investigation consisted of the following:

- Advancement of 3 soil borings in the northern and northwestern parts of the site to a maximum depth of 100 feet bgs
- Installation and development of three groundwater monitoring wells to a depth of 95 feet bgs
- Advancement of one soil boring in the northwestern part of the site to 16 feet bgs, following observations of tar-like impacts in an adjacent deep boring between 5 and 20 feet bgs
- Installation and development of one groundwater monitoring well in the northwestern part of the site to a depth of 16 feet bgs
- Collection of 9 soil samples for laboratory analysis
- Collection of one groundwater sample from each newly installed monitoring well (four samples, plus quality assurance/quality control [QA/QC] samples) for laboratory analysis
- Gauging of newly installed monitoring wells to evaluate for the presence of DNAPL and/or LNAPL on a weekly basis between August 2 and August 13, 2024
- Collection of one free-phase petroleum- or tar-like product sample from a soil boring on the northwestern part of the site for laboratory analysis of TPH and petroleum hydrocarbon identification (PHI)

3.2 Soil Investigation and Sampling Methodology

Coastal Environmental Solutions, Inc. (Coastal) of Bohemia, New York advanced soil borings and installed monitoring wells between June 3 and June 12, 2024 and between July 23 and August 1, 2024. Coastal used a Versa-Sonic drill rig equipped with 5.5-inch outer diameter steel casings to advance 9 soil borings (SBD01 through SBD09) to between about 85 and 100 feet bgs, and one soil boring (SB16) to 16 feet bgs. Coastal used a Geoprobe 7822 DT drill rig equipped with 2-inch outer diameter steel casings to advance four soil borings (SB12 through SB15) to about 20 feet bgs. Soil samples were collected continuously into 5-foot-long bags for the Versa-Sonic drill rig and 5-foot-long acetate liners for the Geoprobe drill rig.

Langan visually classified recovered soil for soil type, grain size, texture, and moisture content, and screened the soil for visual, olfactory, and instrumental evidence of NAPL and petroleum or chemical impacts. Instrumental screening for the presence of organic vapors was performed using a photoionization detector (PID) equipped with a 10.6 electron volt lamp. Soil boring logs are provided in Appendix D.

Three grab soil samples were collected from three soil borings (SBD07 through SBD09) for laboratory analysis from the following depth intervals: 65 to 70 feet; 75 to 80 feet; and 85 to 90

feet bgs. One sample of apparent free-phase tar- or petroleum-like product was also collected from soil boring SBD09 between 8 and 10 feet bgs.

Soil samples were collected into laboratory-supplied glassware and TerraCore samplers (VOC samples only) and submitted to a New York State Department of Health Environmental Laboratory Approval Program (ELAP)-certified laboratory (Pace Analytical [Pace] of Westborough, MA [ELAP ID #11148]) via courier service under standard chain-of-custody protocol. New York Analytical Services Protocols Category B laboratory reports were provided by Pace. Soil samples were analyzed for the following parameters:

- Target Compound List (TCL) VOCs by United States Environmental Protection Agency (USEPA) Method 8260D/5035
- TCL SVOCs by USEPA Method 8270E

A sample of liquid free-phase petroleum-like product collected from between 8 and 10 feet bgs from SBD09 was submitted for analysis of TPH via USEPA Method 8015D(M) and PHI (i.e., fingerprint analysis) via a gas chromatograph equipped with a flame ionization detector.

Following soil characterization, eight borings (SB12 through SB15, SBD07 through SBD09, and SB16) were converted into permanent 2-inch-diameter monitoring wells. Borings that were not converted into monitoring wells were backfilled with clean soil cuttings and/or clean No. 2 sand to surface grade and capped at grade with bentonite.

Excess soil cuttings and soil exhibiting visual, olfactory, or instrumental (PID) evidence of impacts were containerized in 55-gallon United Nations/Department of Transportation (UN/DOT)-approved drums and staged on site pending future off-site disposal.

3.3 Groundwater Investigation and Sampling Methodology

Coastal installed four shallow permanent groundwater monitoring wells (MW-012 through MW-015) between June 4 and June 12, 2024 and one shallow permanent groundwater monitoring well (MW-03S) on August 1, 2024. The wells were constructed with 2-inch-diameter solid polyvinyl chloride (PVC) riser pipe attached to 10-foot-long, 0.01-inch slotted, 2-inch-diameter PVC screen set to straddle the observed groundwater table. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand pack, and the remaining borehole annulus was backfilled with clean sand to 12 inches bgs. The wells were grouted to surface grade and finished with a flush-mounted manhole cover encased in concrete and secured with a locking j-plug.

Coastal installed three deep permanent groundwater monitoring wells (MW-01D through MW-03D) between July 30 and August 1, 2024. The wells were constructed with 2-inch-diameter solid PVC riser pipe attached to 10-foot-long, 0.01-inch slotted, 2-inch-diameter PVC screen set from 80 to 90 feet bgs with a 5-foot-long solid PVC sump set from 90 to 95 feet bgs. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened

interval. A 2-foot-thick bentonite seal was installed above the sand pack, and the remaining borehole annulus was backfilled with grout to surface grade and finished with a flush-mounted manhole cover encased in concrete and secured with a locking j-plug. Following installation, the groundwater monitoring wells were developed by Coastal with a submersible pump by surging and pumping groundwater until the purge water was visibly clear. Purged development water was containerized in a labeled UN/DOT-approved 55-gallon drums, pending future off-site disposal at a permitted facility.

Monitoring well construction details are summarized in the following table, and well construction logs are included in Appendix E.

Monitoring Well Construction Details			
Well Type	**Monitoring Well ID**	**Depth to Bottom (feet bgs)**	**Screen Depth Interval (feet bgs)**
Overburden, shallow monitoring well	MW-012	17	7 to 17
	MW-013	17	7 to 17
	MW-014	15	5 to 15
	MW-015	16	6 to 16
	MW-03S	16	6 to 16
Overburden, deep monitoring well	MW-01D	95	80 to 90
	MW-02D	95	80 to 90
	MW-03D	95	80 to 90

One groundwater sample was collected from monitoring wells MW-01D through MW-03D and from MW-03S at least one week following well development in accordance with NYSDEC Division of Environmental Remediation (DER)-10 and the USEPA's Low Flow Purging and Sampling Procedures for the Collection of Groundwater Samples from Monitoring Wells (Low Flow Procedures). Prior to sampling, each well was gauged with an oil-water interface probe to screen for the potential presence of NAPL. After gauging, each well was purged with either a Geotech Geosub pump (MW-01D through MW-03D) or a Solinst peristaltic pump (MW-03S) with dedicated low-density polyethylene tubing.

Prior to sample collection, monitoring wells MW-01D, MW-02D, and MW-03S were gauged and continuously purged in an attempt to stabilize groundwater quality parameters (pH, conductivity, turbidity, dissolved oxygen, temperature, and oxidation-reduction potential) to the extent practical, in accordance with the USEPA's Low-Flow Procedures. Criteria for stabilization were three consecutive readings, each 5 minutes apart, of all parameters within the limits specified in the USEPA's Low-Flow Procedures. A multi-parameter water quality system (Horiba U-52) was used to monitor the groundwater quality parameters during purging.

A surficial sheen was observed on the purged groundwater from MW-03S. Langan field personnel disconnected the multi-parameter unit and purged approximately one well volume from MW-03S until the sheen was no longer apparent on the purged groundwater. Following

the initial purging, Langan field personnel resumed screening the purged groundwater with the multi-parameter unit.

Due to the detection of an approximately 1.2-inch-thick LNAPL layer in MW-03D during the initial gauging, the purged groundwater from MW-03D was not pumped through the multi-parameter unit and groundwater quality parameters were not collected. Langan field personnel purged approximately three well volumes from MW-03D prior to sample collection.

The groundwater samples were collected into laboratory-supplied glassware and submitted to Pace via courier service under standard chain-of-custody protocol. One groundwater duplicate sample, one groundwater field blank sample, one matrix spike/matrix spike duplicate sample, and one groundwater trip blank sample were collected for QA/QC purposes. The groundwater sampling logs are provided in Appendix E. The groundwater samples were analyzed for the following parameters:

- TCL VOCs by USEPA Method 8260D
- TCL SVOCs by USEPA Method 8270E

Langan surveyed the locations, top of well casing elevations, and top of cover elevations of the eight new permanent monitoring wells and resurveyed four previously installed monitoring wells (MW-001 and MW-006 through MW-008) on August 14 and 15, 2024. Vertical control was established relative to the North American Vertical Datum of 1988 (NAVD88) by a New York State-licensed land surveyor. Elevations of the wells were surveyed to the nearest 0.01 foot. Elevation data for tops of well casings and groundwater elevation with respect to NAVD88 are presented in Table 2.

3.4 Monitoring Well Gauging and NAPL Evaluation and Recovery

3.4.1 Monitoring Well Gauging

On June 12, 2024, Langan conducted LNAPL thickness and synoptic groundwater depth gauging of the newly installed monitoring wells (MW-012 through MW-015) and pre-existing permanent wells. Langan used an oil-water interface probe to gauge the monitoring wells for LNAPL. Langan subsequently conducted weekly LNAPL and groundwater depth gauging of the newly installed monitoring wells and pre-existing wells MW-002 and MW-008 through August 13, 2024.

On August 2, 2024, Langan conducted DNAPL thickness and groundwater depth gauging of newly installed monitoring wells MW-01D through MW-03D and LNAPL thickness and groundwater depth gauging of newly installed monitoring well MW-03S. Langan subsequently conducted NAPL gauging of wells MW-01D through MW-03D and MW-03S on a weekly basis through August 13, 2024.

LNAPL and synoptic groundwater depth gauging was conducted on all accessible wells on August 13, 2024. Monitoring well MW-11 was inaccessible due to the presence of a turf cover.

3.4.2 NAPL Recovery

Langan began passive LNAPL recovery on June 14, 2024 by installing dedicated, unused, oil-only absorbent socks in monitoring wells MW-002, MW-008, and MW-012. The absorbent socks are hydrophobic-oleophilic and were set within the wells at the product-water interface. Langan continued weekly gauging and absorbent sock replacement through August 13, 2024. Langan also installed an absorbent sock in wells MW-003 and MW-013 on August 13, 2024, following the detection of LNAPL.

4.0 OBSERVATIONS AND RESULTS

4.1 Geophysical Survey

A geophysical survey was conducted across accessible areas of the site. Indications of subsurface anomalies and utilities, as interpreted by Nova Geophysical Engineering Services (NOVA), are summarized below:

- A subsurface anomaly indicative of a former, disconnected drain line was identified to extend from the eastern to the central part of the site
- A scattered anomaly indicative of a buried concrete structure was identified in the northwestern part of the site

NOVA noted the presence of buried electrical, gas, sewer, water, and stormwater utilities entering the eastern part of the site from Wolcott Street. A buried water line was also identified entering the western part of the site from Dikeman Street. NOVA did not identify anomalies indicative of USTs. The geophysical survey report is provided as Appendix B.

4.2 Subsurface Observations

The subsurface stratigraphy identified in soil borings generally consists of non-native fill comprised of fine to medium sand with varying amounts of silt, clay, gravel, and anthropogenic materials (brick, concrete, wood, glass, coal, coal ash, and slag). Non-native fill was encountered from immediately below the surface cover (i.e., asphalt and gravel pavement and former building floor slab) to a maximum depth of about 22 feet bgs. The non-native fill is underlain by fine to medium sand with varying amounts of silt, clay, and gravel. Clay layers with a maximum thickness of about 6 feet were encountered in soil borings SBD01, SBD03, SBD06, SBD08, SB12, and SB15 at depths between 10 and 27 feet bgs, and in soil borings SBD08 and SBD09 at depths between 66 and 77 feet bgs. Bedrock was not encountered.

Groundwater was encountered in the monitoring wells between elevation[1] (el.) 0.10 (9.40 feet bgs) (MW-002) and el. 2.49 (7.40 feet bgs) (MW-015). Groundwater was observed at el. 2.87 (7.43 feet bgs) in well MW-008, which was observed to be infilled with sediment and therefore not a reliable source of elevation data. Based on measured groundwater depths during the August 13, 2024 synoptic gauging, the inferred direction of groundwater flow is to the southwest; however, groundwater flow direction and gradient are likely influenced by the interaction of tidal fluctuations with the stratigraphy and geometry of the former shoreline area, and anthropogenic factors, such as buried utilities, foundations, and leaking water lines. Groundwater elevation data is summarized in Table 2 and a groundwater contour map is included as Figure 3.

[1] Elevations herein are in feet and referenced to the NAVD88, which is approximately 1.1 feet above mean sea level datum at Sandy Hook, New Jersey as defined by the United States Geological Survey (USGS NGVD 1929).

Tar-Like Material

Tar-like material presenting as a viscous, immiscible fluid with a mothball-like odor and a maximum PID reading of 53 parts per million (ppm) was observed in boring SBT-S on the northwestern part of the site between about 10 and 17 feet bgs and in boring SBD07 on the northern part of the site between 3 and 5.5 feet bgs. Tar-like material presenting as 0.5- to 2.5-foot-thick lenses of variously hard, black and yellow, tacky material within a sand matrix and exhibiting a maximum PID reading of 146.9 ppm was observed in five tar delineation borings and two NAPL evaluation borings in the northwestern part of the site (SBT-W_40, SBT-S_40, SBT-N, SBT-E, SBT-C, SBD02, SBD08, and SB16) at various depth intervals between 2 and 15.5 feet bgs.

Petroleum- and/or Tar-Impacted Soil

Several borings contained soil exhibiting PID readings above background concentrations, staining, odors, and positive sheen tests. Soil with petroleum-like odors, black staining, and a maximum PID reading of 613 ppm was observed in borings on the eastern part of the site (SB13 and SB14) between 8 and 18 feet bgs. A positive sheen test was identified in borings on the eastern part of the site (SB12 through SB14). In addition to containing tar-like material, boring SBD07 on the northern part of the site exhibited staining, odors, and/or positive sheen tests with a maximum PID reading of 194 ppm at various depth intervals between 0 and 22 feet bgs. Soil boring SBD09 in the northwestern part of the site exhibited black staining, petroleum-like odors, and a positive sheen test between 0 and 5 feet bgs and between 18 and 20 feet bgs, and contained liquid free-phase petroleum-like product with a maximum PID reading of 159.8 ppm between 5 and 18 feet bgs.

The tar delineation borings on the northwestern part of the site and nearby borings SBD05, SBD06, SBD08, SBD09, and SB16 exhibited black staining, positive sheen tests, and/or odors with a maximum PID reading of 104 ppm at various depth intervals between 0 and 22 feet bgs.

Visual, olfactory, and/or PID evidence of impacts identified in the borings is summarized in the below table:

Boring ID	Evidence of Impacts	Depth of Impacts (feet bgs)	Maximum PID Reading (ppm)
SBD01	PID readings only	5.5 to 6.5	21.8
	PID readings only	10 to 13.5	28.5
SBD02	Tar-like material	2 to 3	6.0
SBD04	Petroleum-like odors; black staining; positive sheen test	10 to 16	168.7
	Petroleum-like odors; black staining	16 to 18.5	145.0
SBD05	Petroleum-like odors; black staining; positive sheen test	17 to 18.5	82.8
		20 to 22	13.6
SBD06	Petroleum-like odors; black staining; positive sheen test	10 to 13	52.1
		15 to 17	44.7

Boring ID	Evidence of Impacts	Depth of Impacts (feet bgs)	Maximum PID Reading (ppm)
	Black staining	17 to 19	9.9
	Petroleum-like odors; black staining and liquid; positive sheen test	20 to 21	28.7
SBD07	PID readings only	0 to 2	151.4
	Black, viscous, immiscible fluid	3 to 5.5	9.3
	PID readings only	11 to 12	193.6
	Black staining; positive sheen test	12 to 14	171.3
	Chemical-like odor; yellow staining	14 to 16	85.7
	Solvent-like odor	20 to 22	4.0
SBD08	Tar-like material; tar-like odor; black staining	2.5 to 5	146.9
	Creosote-like odor; black staining	10 to 14	90.5
		16.5 to 17.5	34.2
SBD09	Black staining; petroleum-like odor; positive sheen test	0 to 5	2.0
	Black staining with liquid free-phase petroleum-like product; positive sheen test	5 to 18	159.8
	Black staining; petroleum-like odor; positive sheen test	18 to 20	148.7
SB12	Mothball-like odor; black staining; positive sheen test	12 to 13	43.8
SB13	Petroleum-like odors; black staining; positive sheen test	7 to 8	45.8
		17 to 18	6.4
SB14	Petroleum-like odors; black staining; positive sheen test	8 to 8.5	529.0
		10.5 to 11	613.4
SB15	Mothball-like odor	5 to 6	40.3
		18 to 20	9.4
SB16	Tar-like odor; black staining	0 to 5	9.4
	Petroleum-like odor; black staining	5 to 7	103.8
	Citrus-like odor; tar-like material	7 to 7.5	33.6
	Creosote-like odor; black staining	7.5 to 8	14.6
SBT-C	Tar-like material	2 to 3	14.2
	Yellow, tacky material	3 to 5	6.7
	Tar-like material	6 to 7	24.1
		10 to 12	20.3
		12.5 to 13.5	41.1
		15 to 15.5	28.5
SBT-E	Yellow, tacky material	5 to 7	16.9
	Tar-like material	10 to 11	13.5
	Yellow, tacky material	11 to 11.5	11.7
	Petroleum-like odors; black staining; positive sheen test; PID readings above background	17.5 to 20	58.8

Boring ID	Evidence of Impacts	Depth of Impacts (feet bgs)	Maximum PID Reading (ppm)
SBT-N	Yellow, tacky material	3 to 3.3	4.8
		6 to 7	5.5
	Petroleum-like odors; PID readings above background	15 to 18	26.5
SBT-S	Mothball-like odor; black and yellow staining; tacky material	6 to 7	35.8
	Mothball-like odor; high viscous, immiscible fluid; black staining	10 to 14.5	53.2
		15.5 to 16.5	20.8
SBT-S_40	Petroleum-like odors; black staining; positive sheen test	6.5 to 7	12.1
	Black and yellow tar-like material	7 to 7.5	20.3
	Petroleum-like odors; black staining; positive sheen test	12 to 13	54.0
		16.5 to 18	45.0
		20 to 21	78.2
SBT-W_40	Yellow, tacky material	6.5 to 7.3	14.4

ppm = part per million

4.3 NAPL Gauging and Recovery

During gauging from June 12 to August 13, 2024, LNAPL was detected in three wells (MW-002, MW-008, and MW-0012). During a synoptic gauging event on August 13, 2024, LNAPL was detected in five wells (MW-002, MW-008, MW-0012, MW-0013, and MW-03D). The maximum LNAPL thickness (2.62 feet) was measured at MW-002 on June 14, 2024. Cumulatively, approximately 1.54 gallons of LNAPL were recovered from monitoring wells MW-002, MW-008, and MW-012 via absorbent socks. DNAPL was not detected in monitoring wells MW-01D through MW-03D.

LNAPL gauging and recovery data is summarized in Table 3.

4.4 Soil Sample Analytical Results

Nine soil samples were collected from three soil borings (SBD07 through SBD09) for laboratory analysis. Soil samples analytical results were compared to NYSDEC 6 NYCRR Part 375 Restricted Use-Industrial (RUI) and Protection of Groundwater (PGW) Soil Cleanup Objectives (SCO).

Soil sample analytical results are provided in Table 4. Laboratory analytical reports for soil are provided in Appendix F.

VOCs

One VOC (benzene) was detected at a concentration marginally exceeding the PGW SCOs in two samples collected from 75 to 77 feet bgs and from 85 to 87 feet bgs in soil boring SBD07 on the northern part of the site.

VOCs were not detected at concentrations above the RUI SCOs.

SVOCs

SVOCs were not detected at concentrations above the PGW or RUI SCOs.

4.5 Fingerprint Sample Analytical Results

The sample of liquid petroleum-like product collected from 8 to 10 feet bgs in soil boring SBD09 contained TPH at a concentration of 6,210 mg/kg. A laboratory evaluation of the chromatographic signature against petroleum reference standards indicated that the sample resembles No. 6 fuel oil. The laboratory analytical report for the fingerprint sample is provided in Appendix F.

4.6 Groundwater Sample Analytical Results

Five groundwater samples were collected from four permanent groundwater monitoring wells (MW-01D, MW-02D, andMW-03D, and MW-03S) for laboratory analysis. Groundwater analytical results were compared to the NYSDEC SGVs and are provided in Table 5 and shown on Figure 4. Laboratory analytical reports for groundwater are provided in Appendix F.

VOCs

One or more of six VOCs were detected at concentrations above the NYSDEC SGVs in three groundwater samples (MW-01D, MW-03S, and MW-03D). The table below provides concentration ranges of VOCs that were detected above the NYSDEC SGVs.

Analyte	NYSDEC SGVs (µg/L)	Minimum Detected Concentration above SGVs (µg/L)		Maximum Detected Concentration above SGVs (µg/L)	
1,2,4-Trimethylbenzene	5	8.3	MW-03S	8.3	MW-03S
1,3,5-Trimethylbenzene	5	7	MW-03D	7.1	DUP01
Benzene	1	1.2	MW-03D DUP01	1.3	MW-01D
m,p-Xylene	5	5.9	MW-03D	6	DUP01
o-Xylene	5	13	MW-03S	13	MW-03S
Total Xylenes	5	8.6	MW-03D DUP01	17	MW-03S

SVOCs

One or more of seven SVOCs were detected at concentrations above the NYSDEC SGVs in two groundwater samples (MW-03S and MW-03D). The table below provides concentration ranges of SVOCs that were detected above the NYSDEC SGVs.

Analyte	NYSDEC SGVs (µg/L)	Minimum Detected Concentration above SGVs (µg/L)		Maximum Detected Concentration above SGVs (µg/L)	
2,4-Dimethylphenol	1	7	MW-03S	7	MW-03S
Benzo(a)anthracene	0.002	0.55	MW-03S	26	MW-03D
Benzo(a)pyrene	0	0.41	MW-03S	23	MW-03D

Analyte	NYSDEC SGVs (µg/L)	Minimum Detected Concentration above SGVs (µg/L)		Maximum Detected Concentration above SGVs (µg/L)	
Benzo(b)fluoranthene	0.002	0.28	MW-03S	0.28	MW-03S
Benzo(k)fluoranthene	0.002	0.04 J	MW-03S	0.04 J	MW-03S
Chrysene	0.002	0.78	MW-03S	78	MW-03D
Indeno(1,2,3-cd)pyrene	0.002	0.12	MW-03S	2.9	MW-03D

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

5.0 SUMMARY OF FINDINGS

The conclusions based on the findings of the NAPL investigation and supplemental investigation are as follows:

- Geophysical Survey: Two subsurface anomalies interpreted as a former drain line extending between the eastern and central parts of the site and a buried concrete structure in the northwestern part of the site were identified. Anomalies indicative of USTs were not identified.
- Stratigraphy: Non-native fill was observed from below the surface cover to depths between about 5 and 22 feet bgs and consisted of fine to medium sand with varying amounts of silt, clay, gravel, and anthropogenic materials. Underlying native soil primarily consists of fine to medium sand with varying amounts of silt, clay, and gravel. Clay layers with a maximum thickness of about 6 feet were encountered in six soil borings at depths between 10 and 27 feet bgs. Clay layers with a maximum thickness of about 0.25 feet were encountered in two soil borings at depths between 66 and 77 feet bgs.
- Hydrogeology: Groundwater was encountered between el. 0.10 (9.40 feet bgs) and el. 2.49 (7.40 feet bgs). Based on measured groundwater depths during the August 13, 2024 synoptic gauging, the inferred direction of groundwater flow is to the southwest; however, groundwater flow direction and gradient are likely influenced by the interaction of tidal fluctuations with the stratigraphy and geometry of the former shoreline area and anthropogenic factors (e.g., buried utilities).
- Tar- and Petroleum-Related Impacts: Tar-like material resembling viscous, immiscible fluid and hard, black and tacky, yellow material was identified in eight borings on the northwestern part of the site and one boring on the northern part of the site in approximately 0.5- and 6.5-foot-thick lenses at depths varying between 3 and 17 feet bgs. The maximum detected PID reading in the tar-like material was 146.9 ppm in a boring on the northwestern part of the site. Several borings on the northern, northwestern, and eastern parts of the site contained petroleum and/or tar-impacted soil (i.e., staining, odors, and/or positive sheen tests) at depths varying between 0 and 22 feet bgs. The maximum detected PID reading was 613 ppm at about 11 feet bgs in soil boring SB14 on the eastern part of the site. The observations are generally consistent with the findings of the Phase I RI, which documented tar-like material extending from above the asphalt pavement in some areas to depths of at least 16 feet bgs in the northwestern portion of the site. The tar-like impacts extend farther west and north than previously documented and appear to occupy an area of about 8,500 square feet, compared with about 4,400 square feet as indicated by previous borings. Soil exhibiting potential petroleum-like impacts was generally observed at depths near or below the groundwater table, with the exception of apparent impacts shallower than 9 feet bgs in borings SB13 and SB14 on the eastern part of the site. This area has been identified as a potential source of petroleum impacts, based on petroleum-impacted groundwater in MW-008 and vehicle repair in the former

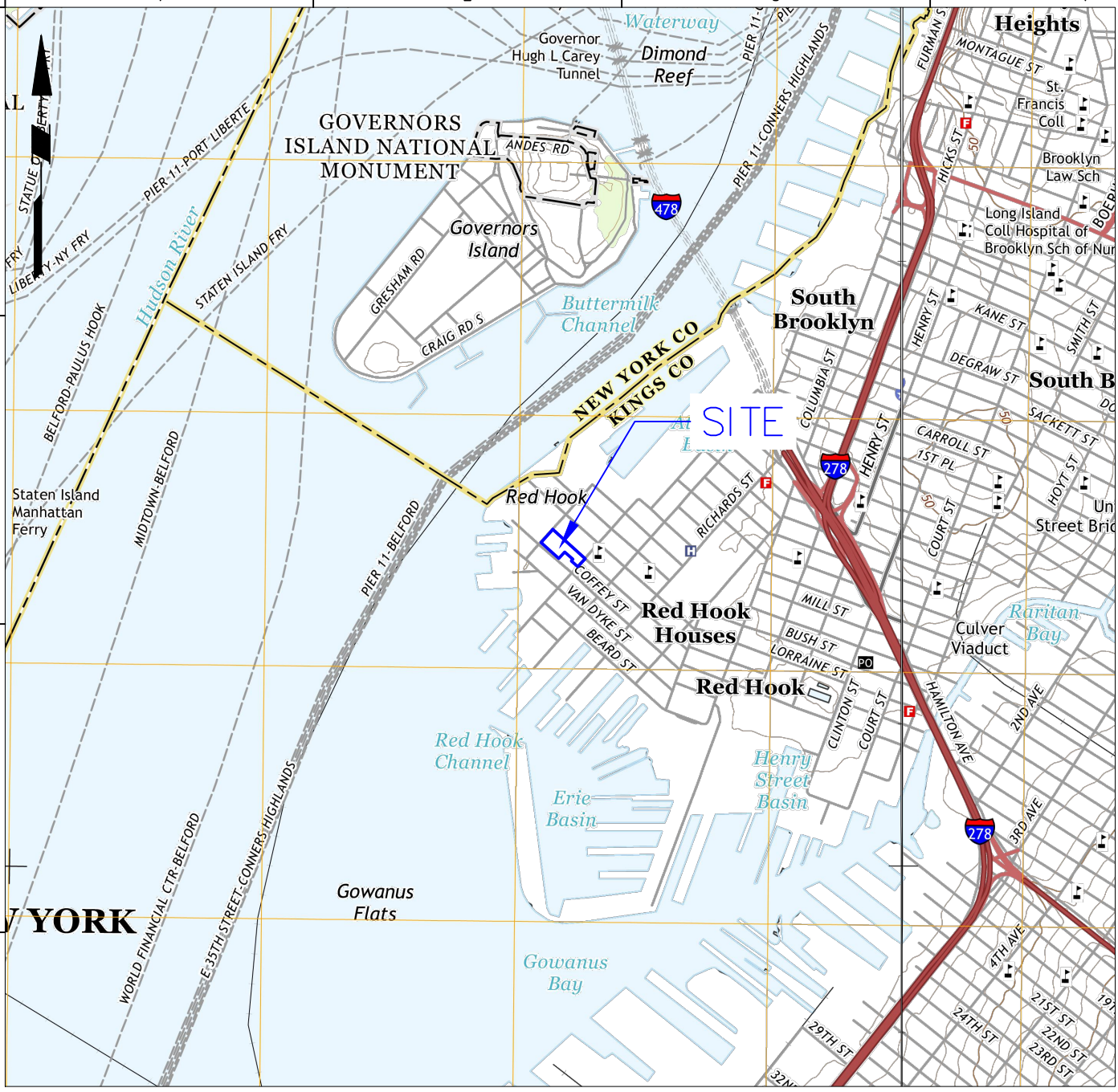
building. Boring SBD09 on the northwestern part of the site also exhibited petroleum-like impacts, which are discussed below with reference to free-phase petroleum product observed in that boring.

- LNAPL Gauging and Recovery: LNAPL was observed in two monitoring wells on the eastern part of the site with a maximum thickness of 1.41 feet, one well on the northern part of the site with a maximum thickness of 2.62 feet, and one well on the northwestern part of the site with a maximum thickness of 0.12 feet. The cumulative volume of LNAPL recovered via absorbent socks between June 14 and August 13, 2024 was ±1.54 gallons, with well MW-002 producing the most LNAPL (±0.8 gallons). The documentation of LNAPL in the eastern and northern parts of the site are consistent with observations during the Phase II RI. The Phase II RI identified two distinct sources of petroleum contamination associated with gasoline/motor oil and No. 2 fuel oil/diesel fuel in the eastern and northern areas, respectively. The source of LNAPL in the eastern part of the site may be attributable to former vehicle repair. An LNAPL source in the northern part of the site has not been identified, though the northern area was historically used for petroleum bulk storage.
- DNAPL Gauging: DNAPL was not observed in the three monitoring wells screened at depths between 80 and 90 feet bgs on the northern and northwestern parts of the site during five gauging events between August 2 and 13, 2024. The absence of DNAPL and corresponding soil impacts, as described in the following bullet, indicates that DNAPL is not a source of contamination at the site.
- Soil Sampling Results: Two soil samples collected from 75 to 77 feet bgs and 85 to 87 feet bgs in a boring (SBD07) on the northern part of the site contained benzene at a concentration marginally above the PGW SCO, but well below the RUI SCO. Other VOCs and SVOCs were not detected at concentrations above the PGW or RUI SCOs. The detection of benzene in saturated soil corresponds with benzene detected above the NYSDEC SGV in the groundwater sample collected from corresponding well MW-01D, which was screened between 80 and 90 feet bgs. Benzene was also detected in shallow groundwater samples collected from the northern part of the site during the 2019 Phase I RI. Based on the absence of VOCs and SVOCs above the PGW or RUI SCOs in soil samples collected from the same depth intervals in borings on the northwestern part of the site and the presence of benzene above the NYSDEC SGVs in deep and shallow groundwater samples collected from the northern part of the site, benzene is likely a localized occurrence indicative of adsorption from petroleum-impacted groundwater. The detection is not indicative of a contaminant source, as documented by the groundwater results described below.
- Groundwater Analytical Results: Groundwater samples collected from the deep and shallow monitoring wells (MW-03D and MW-03S) in the northwestern part of the site contained VOCs and SVOCs at concentrations above the NYSDEC SGVs. The groundwater sample collected from the deep monitoring well (MW-01D) in the northern

part of the site contained the VOC benzene at a concentration above the NYSDEC SGV. SVOCs did not exceed the NYSDEC SGVs in groundwater sampled from deep monitoring well MW-01D in the northern part of the site, and VOCs and SVOCs did not exceed the NYSDEC SGVs in groundwater sampled from deep monitoring well MW-02D in the northwestern part of the site. The dissolved-phase groundwater impacts on the northwestern part of the site indicate that the tar-like material in the northwestern area constitutes a third source of VOC and SVOC groundwater impacts, in addition to LNAPL documented in the northern and eastern parts of the site.

- Fingerprint Analysis: The sample of liquid product collected from 8 to 10 feet bgs in soil boring SBD09 contained TPH at a concentration of 6,210 mg/kg and produced a chromatographic match to No. 6 fuel oil. The No. 6 fuel oil signature correlates with that from the sample of surficial tar-like material collected during a 2019 supplemental investigation. The liquid product may either reflect a localized source of No. 6 fuel oil, which may have also impacted soil in nearby borings SBT-S_40, SBD04, SBD05 and SB16, or indicate the western extent of impacts associated with tar-like material observed on the northwestern part of the site at the ground surface and extending up to 17 feet bgs. LNAPL was not observed in a shallow well (MW-03S) located about 10 feet north of SBD09. A definitive historical commercial or industrial source of No. 6 fuel oil or coal tar has not been identified.

FIGURES



LEGEND

APPROXIMATE SITE BOUNDARY

NOTES

1. BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES QUADRANGLE MAPS OF BROOKLYN, NEW YORK AND JERSEY CITY, NEW JERSEY, NEW YORK, DATED 2016 AND 2014, RESPECTIVELY.

2000 0 1000 2000

SCALE IN FEET

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

LANGAN

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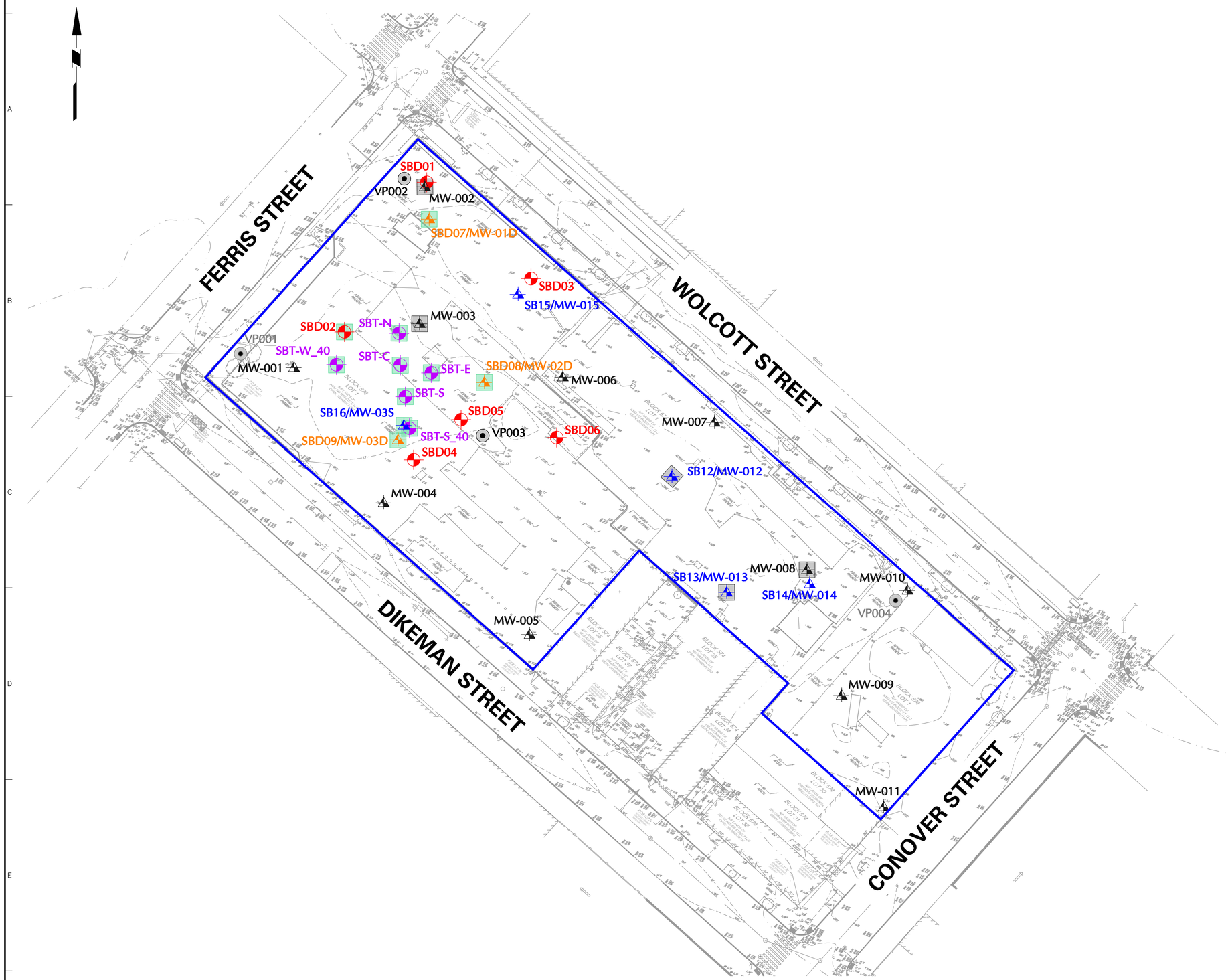
Project	145-165 WOLCOTT STREET BLOCK No. 574 LOT No. 1 BROOKLYN NEW YORK
Figure Title	SITE LOCATION MAP
Project No.	170562203
Date	9/6/2024
Drawn By	LPG
Checked By	SK
Figure No.	1
Sheet	1 of 4

Filename: \\langan.com\data\NYC\data2\170562203\Project Data\CAD\01\SheetFiles\Environmental\BCP NAPL Investigation Report\Figure 1 - Site Location Map.dwg Date: 7/18/2024 Time: 15:43 User: lgrose Style Table: Langan.stb Layout: Figure 1- Site Location Map



LEGEND

- SITE BOUNDARY
- MW-001 — MONITORING WELL LOCATION (PHASE I RI, P.W. GROSSER)
- VP001 — APPROXIMATE TEMPORARY VERTICAL PROFILE WELL LOCATION (PHASE I RI, P.W. GROSSER)
- VP001 — APPROXIMATE TEMPORARY VERTICAL PROFILE WELL LOCATION WITH VOC AND SVOC IMPACTS BELOW 60 FEET BGS (PHASE I RI, P.W. GROSSER)
- SBD01 — DNAPL EVALUATION SOIL BORING LOCATION (LANGAN, 2024)
- SB07/MW-07 — LNAPL EVALUATION SOIL BORING AND MONITORING WELL LOCATION (LANGAN, 2024)
- SBT-S_40 — SHALLOW TAR-LIKE MATERIAL DELINEATION SOIL BORING LOCATION (LANGAN, 2024)
- SBD07/MW-01D — SUPPLEMENTAL DNAPL EVALUATION SOIL BORING AND DEEP MONITORING WELL LOCATION (LANGAN, 2024)
- BORING CONTAINING TAR-LIKE MATERIAL (LANGAN, 2024)
- MONITORING WELLS CONTAINING LNAPL (LANGAN, 2024)

NOTES

1. BASE MAP REFERENCED FROM 23 MAY 2024 BOUNDARY, TOPOGRAPHIC & UTILITY SURVEY PREPARED BY CONTROL POINT ASSOCIATES INC PC.
2. PREVIOUS MONITORING WELL LOCATIONS AND TEMPORARY VERTICAL PROFILE WELL LOCATIONS REFERENCED FROM FIGURE 6B OF THE 31 MAY 2022 DRAFT REMEDIAL ACTION WORK PLAN, PREPARED BY LANGAN.
3. MONITORING WELLS MW-001, MW-006 THROUGH MW-008, MW-012 THROUGH MW-015, MW-01D THOUGH MW-03D, AND MW-03S WERE SURVEYED BY A NEW YORK STATE-LICENSED LAND SURVEYOR OF LANGAN ON 14 AND 15 AUGUST 2024.
4. RI - REMEDIAL INVESTIGATION
5. P.W. GROSSER - P.W. GROSSER CONSULTING, INC.
6. VOC - VOLATILE ORGANIC COMPOUND
7. SVOC - SEMIVOLATILE ORGANIC COMPOUND
8. BGS - BELOW GRADE SURFACE
9. DNAPL - DENSE NON-AQUEOUS PHASE LIQUID
10. LNAPL - LIGHT NON-AQUEOUS PHASE LIQUID

30 0 15 30
SCALE: 1 INCH = 30 FEET

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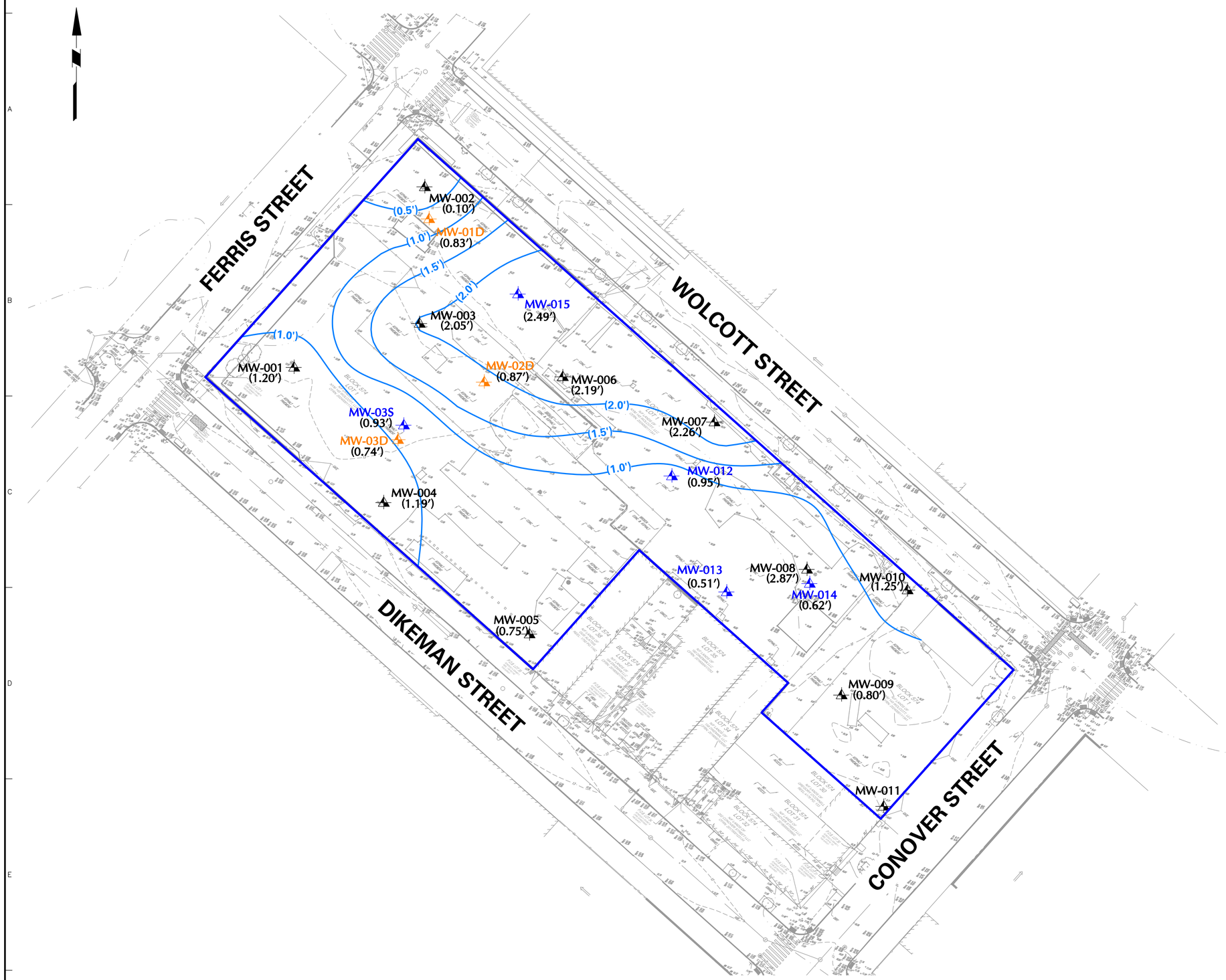
Project: 145-165 WOLCOTT STREET
BLOCK No. 574, LOT No. 1
BROOKLYN NEW YORK

Figure Title: SOIL BORING AND MONITORING WELL LOCATION PLAN

Project No. 170653201
Date 9/6/2024
Drawn By LPG
Checked By SK
Figure No. 2
Sheet 2 of 4

LANGAN
PROJECT NO. 170653201

Filename: \\langan.com\data\NYC\data2\170562203\Project Data\CAD\01\SheetFiles\Environmental\BCP NAPL Investigation Report\Figures 2 - 4.dwg Date: 9/6/2024 Time: 16:13 User: lgrose Style Table: Langan.stb Layout: Figure 2



LEGEND

- SITE BOUNDARY
- MW-001 — MONITORING WELL LOCATION (PHASE I RI, P.W. GROSSER)
- MW-07 — LNAPL EVALUATION MONITORING WELL LOCATION (LANGAN, 2024)
- MW-01D — SUPPLEMENTAL DNAPL EVALUATION DEEP MONITORING WELL LOCATION (LANGAN, 2024)
- —(2.0')— GROUNDWATER ELEVATION CONTOURS
- (2.26') GROUNDWATER ELEVATION

NOTES

1. BASE MAP REFERENCED FROM 23 MAY 2024 BOUNDARY, TOPOGRAPHIC & UTILITY SURVEY PREPARED BY CONTROL POINT ASSOCIATES INC PC.
2. MONITORING WELLS MW-001, MW-006 THROUGH MW-008, MW-012 THROUGH MW-015, MW-01D THOUGH MW-03D, AND MW-03S WERE SURVEYED BY A NEW YORK STATE-LICENSED LAND SURVEYOR OF LANGAN ON 14 AND 15 AUGUST 2024.
3. DNAPL - DENSE NON-AQUEOUS PHASE LIQUID
4. LNAPL - LIGHT NON-AQUEOUS PHASE LIQUID
5. GROUNDWATER ELEVATIONS ARE IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
6. MONITORING WELL LOCATIONS WERE SURVEYED USING A MOBILE GLOBAL POSITIONING SYSTEM UNIT.
7. GROUNDWATER ELEVATION CONTOURS ARE INFERRED BASED ON GAUGING AND SURVEY DATA COLLECTED FOR SHALLOW MONITORING WELLS.
8. DEEP MONITORING WELL MEASUREMENTS (MW-01D, MW-02D, AND MW-03D) ARE EXCLUDED FROM THE CONTOUR ANALYSIS.
9. MW-08 EXCLUDED FROM THE CONTOUR ANALYSIS DUE TO FIELD OBSERVATIONS OF SEDIMENT INFILLING.

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SCALE: 1 INCH = 30 FEET

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Project	145-165 WOLCOTT STREET BLOCK No. 574, LOT No. 1 BROOKLYN NEW YORK
Figure Title	GROUNDWATER ELEVATION CONTOUR MAP
Project No.	170653201
Date	9/11/2024
Drawn By	LPG
Checked By	SK
Figure No.	3
	Sheet 3 of 18

LANGAN PROJECT NO. 170653201

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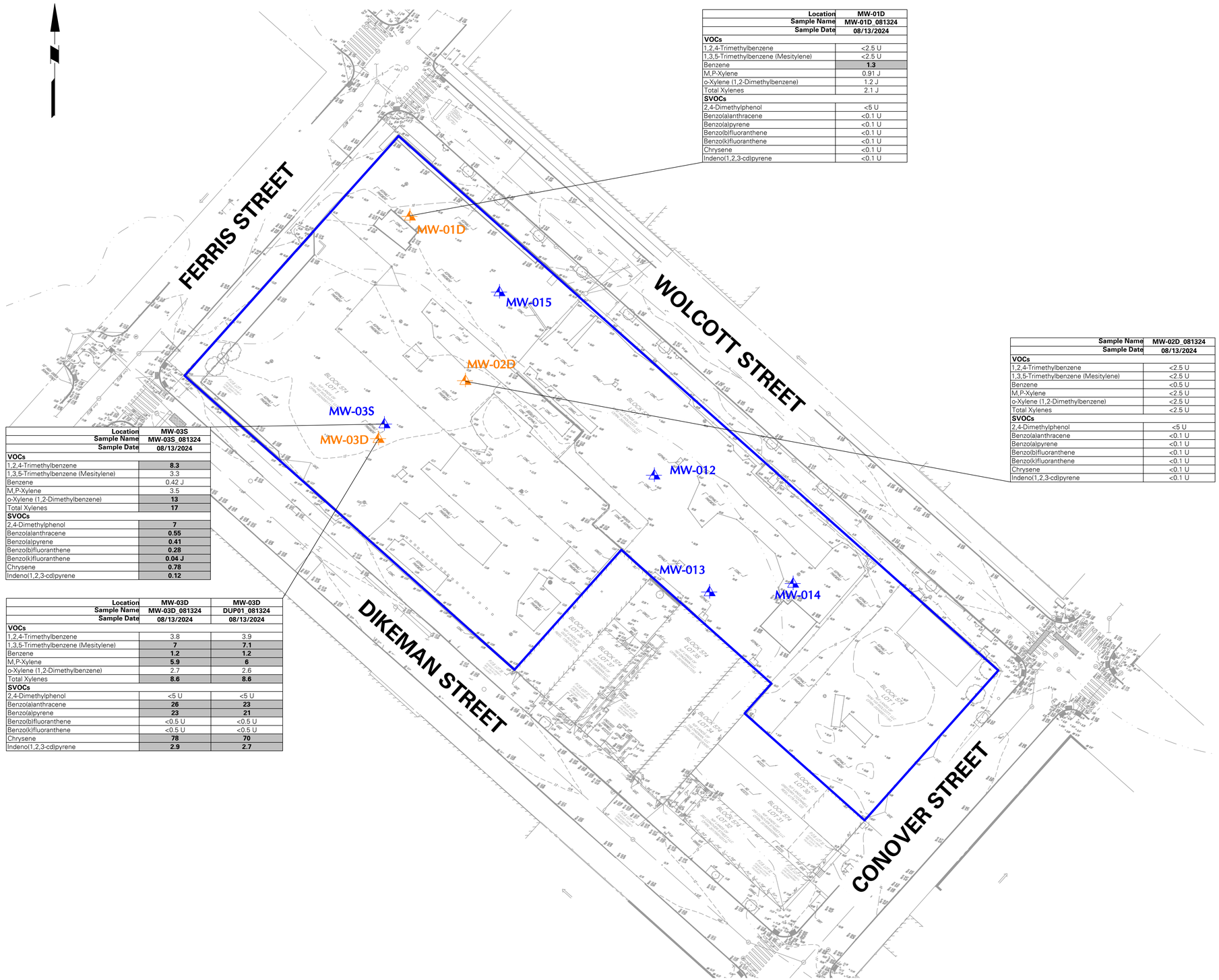

Location	MW-01D
Sample Name	MW-01D_081324
Sample Date	08/13/2024
VOCs	
1,2,4-Trimethylbenzene	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U
Benzene	**1.3**
M,P-Xylene	0.91 J
o-Xylene (1,2-Dimethylbenzene)	1.2 J
Total Xylenes	2.1 J
SVOCs	
2,4-Dimethylphenol	<5 U
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Chrysene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U

Location	MW-02D
Sample Name	MW-02D_081324
Sample Date	08/13/2024
VOCs	
1,2,4-Trimethylbenzene	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U
Benzene	<0.5 U
M,P-Xylene	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	<2.5 U
Total Xylenes	<2.5 U
SVOCs	
2,4-Dimethylphenol	<5 U
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Chrysene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U

Location	MW-03S
Sample Name	MW-03S_081324
Sample Date	08/13/2024
VOCs	
1,2,4-Trimethylbenzene	**8.3**
1,3,5-Trimethylbenzene (Mesitylene)	3.3
Benzene	0.42 J
M,P-Xylene	3.5
o-Xylene (1,2-Dimethylbenzene)	**13**
Total Xylenes	**17**
SVOCs	
2,4-Dimethylphenol	**7**
Benzo(a)anthracene	**0.55**
Benzo(a)pyrene	**0.41**
Benzo(b)fluoranthene	**0.28**
Benzo(k)fluoranthene	**0.04 J**
Chrysene	**0.78**
Indeno(1,2,3-cd)pyrene	**0.12**

Location	MW-03D	MW-03D
Sample Name	MW-03D_081324	DUP01_081324
Sample Date	08/13/2024	08/13/2024
VOCs		
1,2,4-Trimethylbenzene	3.8	3.9
1,3,5-Trimethylbenzene (Mesitylene)	**7**	**7.1**
Benzene	**1.2**	**1.2**
M,P-Xylene	**5.9**	**6**
o-Xylene (1,2-Dimethylbenzene)	2.7	2.6
Total Xylenes	**8.6**	**8.6**
SVOCs		
2,4-Dimethylphenol	<5 U	<5 U
Benzo(a)anthracene	**26**	**23**
Benzo(a)pyrene	**23**	**21**
Benzo(b)fluoranthene	<0.5 U	<0.5 U
Benzo(k)fluoranthene	<0.5 U	<0.5 U
Chrysene	**78**	**70**
Indeno(1,2,3-cd)pyrene	**2.9**	**2.7**

LEGEND

SITE BOUNDARY

MW-07 LNAPL EVALUATION MONITORING WELL LOCATION (LANGAN, 2024)

MW-01D SUPPLEMENTAL DNAPL EVALUATION DEEP MONITORING WELL LOCATION (LANGAN, 2024)

Analyte	NYSDEC SGVs
VOCs	
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene (Mesitylene)	5
Benzene	1
M,P-Xylene	5
o-Xylene (1,2-Dimethylbenzene)	5
Total Xylenes	5
SVOCs	
2,4-Dimethylphenol	1
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002

NOTES

1. BASE MAP REFERENCED FROM 23 MAY 2024 BOUNDARY, TOPOGRAPHIC & UTILITY SURVEY PREPARED BY CONTROL POINT ASSOCIATES INC PC.
2. VOC - VOLATILE ORGANIC COMPOUND
3. SVOC - SEMIVOLATILE ORGANIC COMPOUND
4. DNAPL - DENSE NON-AQUEOUS PHASE LIQUID
5. LNAPL - LIGHT NON-AQUEOUS PHASE LIQUID
6. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 CODES, RULES, AND REGULATIONS (NYCRR) PART 703.5 AND THE NYSDEC TECHNICAL AND OPERATION GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES FOR CLASS GA WATER AND PUBLISHED ADDENDA (COLLECTIVELY THE "NYSDEC SGVs".
7. DETECTED ANALYTES ABOVE THE NYSDEC SGVs ARE BOLDED AND SHADED.
8. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/l).

QUALIFIERS

J - THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
U - THE ANALYTE WAS ANALYZED FOR, BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE LEVEL OF THE RL OR THE SAMPLE CONCENTRATION FOR RESULTS IMPACTED BY BLANK CONTAMINATION.

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SCALE: 1 INCH = 30 FEET

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Project
145-165 WOLCOTT STREET
BLOCK No. 574, LOT No. 1
BROOKLYN NEW YORK

Figure Title
GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP

Project No. 170653201
Date 9/6/2024
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Checked By SK
Figure No. 4
Sheet 4 of 4

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PROJECT NO. 170653201

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TABLES

Table 1
NAPL Investigation Report
Sample Summary

146-165 Wolcott Street
Brooklyn, New York
BCP Site No.: C224256
Langan Project No.: 170562203

Boring ID	Sample Name	Sample Depth Interval (feet bgs)	Sample Date	Analysis
Soil				
SBD07	SBD07_65-67	65 - 67	7/25/2024	Part 375/TCL VOCs and SVOCs
	SBD07_75-77	75 - 77	7/25/2024	
	SBD07_85-87	85 - 87	7/30/2024	
SBD08	SBD08_65-67	65 - 67	7/31/2024	
	SBD08_76-78	76 - 78	7/31/2024	
	SBD08_86-88	86 - 88	7/31/2024	
SBD09	SBD09_65-67	65 - 67	8/1/2024	
	SBD09_75-77	75 - 77	8/1/2024	
	SBD09_86-88	86 - 88	8/1/2024	
Groundwater				
MW-01D	MW-01D_081324	-	8/13/2024	Part 375/TCL VOCs and SVOCs
MW-02D	MW-02D_081324	-	8/13/2024	
MW-03D	MW-03D_081324	-	8/13/2024	
MW-03S	MW-03S_081324	-	8/13/2024	
Groundwater QA/QC				
FD	DUP01_081324	-	8/13/2024	Part 375/TCL VOCs and SVOCs
FB	FB01_081324	-	8/13/2024	
TB	TB01_081324	-	8/13/2024	Part 375/TCL VOCs

Notes:
1. Part 375 list taken from Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (6 NYCRR) New York State Department of Environmental Conservation (NYSDEC) Part 375
2. bgs - below grade surface
3. TCL - Target Compound List
4. VOC - Volatile organic compound
5. SVOC - Semivolatile organic compound
6. QA/QC - Quality assurance/quality control
7. FD - Field Duplicate
8. FB - Field Blank
9. TB - Trip Blank

Table 2
NAPL Investigation Report
Groundwater Elevation Summary

146-165 Wolcott Street
Brooklyn, New York
BCP Site No.: C224256
Langan Project No.: 170562203

Monitoring Well ID	Headspace Reading (ppm)	Screened Interval (feet bTOC)	Top of Casing Elevation (NAVD88)	Depth to Groundwater (feet bTOC)	Groundwater Elevation (NAVD88)
MW-01D*	0.1	80-90	10.01	9.18	0.83
MW-02D*	2.8	80-90	12.27	11.40	0.87
MW-03D*	27.7	80-90	12.57	11.83	0.74
MW-03S	7.8	6-16	12.53	11.60	0.93
MW-001	0.1	5-20	12.60	11.40	1.20
MW-002	25.6	5-20	9.50	9.40	0.10
MW-003	0.0	5-20	11.75	9.70	2.05
MW-004	0.2	5-20	12.93	11.74	1.19
MW-005	0.2	5-20	13.00	12.25	0.75
MW-006	0.0	5-20	9.99	7.80	2.19
MW-007	0.2	5-20	10.06	7.80	2.26
MW-008	4.3	5-20	10.30	7.43	2.87
MW-009	0.1	5-20	9.80	9.00	0.80
MW-010	0.0	5-20	9.64	8.39	1.25
MW-011	NM	5-20	NM	NM	NM
MW-012	6.4	7-17	10.35	9.40	0.95
MW-013	3.4	7-17	10.11	9.60	0.51
MW-014	8.8	7-17	10.17	9.55	0.62
MW-015	6.4	6-16	9.89	7.40	2.49

Notes:
1. Well IDs noted with an asterisk (*) include a 5 foot sump installed below the screened interval.
2. Depth to water and headspace readings were taken on August 13, 2024 during synoptic gauging event.
3. All elevations are referenced to the North American Vertical Datum of 1988 (NAVD88).
4. Well elevations and depth to water were measured to a marked location at the top of each well casing.
5. Depth to water readings were measured in feet below top of the well casing (feet bTOC).
6. MW-001 through MW-011 were installed during the Phase I Remedial Investigation on August 1, 2018.
7. MW-011 was inaccessible during the August 13, 2024 gauging event due to the presence of turf cover material.
8. NM = not measured
9. ppm = part per million

Table 3
NAPL Investigation Report
NAPL Gauging and Recovery Summary

145-165 Wolcott Street
Brooklyn, New York
BCP Site No.: C224256
Langan Project No.: 170562203

Monitoring Well ID	Date	Depth to Product (feet bTOC)	Depth to Water (feet bTOC)	Product Thickness (feet)	Product Recovered (gal)	Cumulative Product Recovered (gal)	Comments
MW-002	6/14/2024	7.28	9.90	2.62	-	0.00	Absorbent sock installed
	6/21/2024*	-	-	-	0.13	0.13	Saturated sock = 0.420 kg product; absorbent sock replaced
	7/1/2024	7.42	9.34	1.92	0.12	0.25	Saturated sock = 0.380 kg product; absorbent sock replaced
	7/8/2024	7.68	9.10	1.42	0.12	0.37	Saturated sock = 0.385 kg product; absorbent sock replaced
	7/15/2024	7.73	8.12	0.39	0.16	0.53	Saturated sock = 0.507 kg product; absorbent sock replaced
	7/24/2024**	-	-	-	-	0.53	Not accessible due to drill rig staged over well
	7/31/2024	8.39	8.07	0.32	0.11	0.64	Saturated sock = 0.350 kg product; absorbent sock replaced
	8/7/2024	6.93	6.92	0.01	0.16	0.80	Saturated sock = 0.513 kg product; absorbent sock replaced
MW-008	6/14/2024	8.11	8.40	0.29	-	0.00	Absorbent sock installed
	6/21/2024*	-	-	-	0.02	0.02	Saturated sock = 0.060 kg product; absorbent sock replaced
	7/1/2024	8.75	-	1.04	0.02	0.04	Saturated sock = 0.050 kg product; absorbent sock replaced
	7/8/2024	NMI	8.71	-	0.03	0.06	Saturated sock = 0.075 kg product; absorbent sock replaced
	7/15/2024	8.28	8.29	0.01	0.02	0.08	Saturated sock = 0.046 kg product; absorbent sock replaced
	7/24/2024	NMI	8.25	-	0.02	0.09	Saturated sock = 0.050 kg product; absorbent sock replaced
	7/31/2024	8.69	8.68	0.01	0.01	0.10	Saturated sock = 0.015 kg product; absorbent sock replaced
	8/7/2024	NMI	7.30	-	0.01	0.11	Saturated sock = 0.030 kg product; absorbent sock replaced
MW-012	6/14/2024	9.00	9.25	0.25	-	0.00	Absorbent sock installed
	6/21/2024	7.31	7.36	0.05	0.13	0.13	Saturated sock = 0.425 kg product; absorbent sock replaced
	7/1/2024	NMI	9.28	-	0.11	0.24	Saturated sock = 0.355 kg product; absorbent sock replaced
	7/8/2024	NMI	9.26	-	0.07	0.32	Saturated sock = 0.230 kg product; absorbent sock replaced
	7/15/2024	9.19	9.20	0.01	0.12	0.44	Saturated sock = 0.380 kg product; absorbent sock replaced
	7/24/2024	NMI	8.98	-	0.11	0.55	Saturated sock = 0.354 kg product; absorbent sock replaced
	7/31/2024	NMI	9.15	-	0.06	0.61	Saturated sock = 0.190 kg product; absorbent sock replaced
	8/7/2024	NMI	8.76	-	0.02	0.63	Saturated sock = 0.070 kg product; absorbent sock replaced
MW-013	8/13/2024	9.40	9.60	0.20	-	-	Absorbent sock installed
MW-03D	8/2/2024	11.52	11.53	0.01	-	-	Absorbent sock installed
	8/6/2024	-	11.48	-	-	-	
	8/7/2024	11.23	11.24	0.01	-	-	
	8/13/2024	11.82	11.83	0.01	-	-	

Notes:
1. Beginning on 6/14/2024, product removal calculations are based on sock weight before and after placement in the well. The following conversions were used:
2. The density of product recovered from MW-002 is estimated at 845 kg/m^3 based on a mixture of No. 2 fuel oil and diesel fuel, indicated by product samples collected on June 16, 2021. Fuel density was obtained from the United States Environmental Protection Agency AP-42 Section 1.3 Fuel Oil Combustion Appendix A, dated September 1998.
3. The density of product recovered from MW-008 and MW-012 is estimated at 792 kg/m^3 based on a mixture of gasoline and motor oil indicated by product samples collected on June 16, 2021. Fuel density was obtained from the United States Environmental Protection Agency AP-42 Section 1.3 Fuel Oil Combustion Appendix A, dated September 1998.
4. A conversion factor of 1 cubic meter per 264.172 US liquid gallons was used to estimate volume recovered.
5. Dates noted with an asterisk (*) indicate days where gauging was not performed.
6. Dates noted with two asterisks (**) indicate days where gauging and sock replacement was not performed.
7. kg - kilogram
8. gal - gallon
9. NMI - No measurable interface

Table 4
NAPL Investigation Report
Soil Sample Analytical Results

145-165 Wolcott Street
Brooklyn, New York
BCP Site No.: C224256
Langan Project No.: 170562201

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Industrial SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	Location	SBD07	SBD07	SBD07	SBD08	SBD08	SBD08	SBD09	SBD09	SBD09
				Sample Name	SBD07_65-67	SBD07_75-77	SBD07_85-87	SBD08_65-67	SBD08_76-78	SBD08_86-88	SBD09_65-67	SBD09_75-77	SBD09_86-88
				Sample Date	07/25/2024	07/25/2024	07/30/2024	07/31/2024	07/31/2024	07/31/2024	08/01/2024	08/01/2024	08/01/2024
				Sample Depth	65-67	75-77	85-87	65-67	76-78	86-88	65-67	75-77	86-88
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds													
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	mg/kg	<0.00028 UJ	<0.00029 UJ	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
1,1,1-Trichloroethane	71-55-6	1000	0.68	mg/kg	<0.00028 U	<0.00029 U	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	mg/kg	<0.00028 U	<0.00029 U	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
1,1,2-Trichloroethane	79-00-5	NS	NS	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
1,1-Dichloroethane	75-34-3	480	0.27	mg/kg	<0.00056 UJ	<0.00058 UJ	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
1,1-Dichloroethene	75-35-4	1000	0.33	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
1,1-Dichloropropene	563-58-6	NS	NS	mg/kg	<0.00028 U	<0.00029 U	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,2,3-Trichloropropane	96-18-4	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	mg/kg	0.00018 J	0.0014	0.0011 J	0.0013 J	0.00068 J	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	<0.0011 UJ	<0.0012 UJ	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,2,4-Trimethylbenzene	95-63-6	380	3.6	mg/kg	0.00021 J	0.045 J	0.034	0.029	0.021	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	mg/kg	<0.0017 U	<0.0018 U	<0.0033 U	<0.0031 U	<0.0031 U	<0.0034 U	<0.0034 U	<0.0032 U	<0.0027 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
1,2-Dichlorobenzene	95-50-1	1000	1.1	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,2-Dichloroethane	107-06-2	60	0.02	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
1,2-Dichloropropane	78-87-5	NS	NS	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	380	8.4	mg/kg	0.00015 J	0.012 J	0.0096	0.0023	0.0066	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,3-Dichlorobenzene	541-73-1	560	2.4	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,3-Dichloropropane	142-28-9	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,4-Dichlorobenzene	106-46-7	250	1.8	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,4-Diethyl Benzene	105-05-5	NS	NS	mg/kg	<0.0011 U	0.0048	0.00053 J	0.00056 J	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
1,4-Dioxane (P-Dioxane)	123-91-1	250	0.1	mg/kg	<0.045 U	<0.047 U	<0.088 U	<0.083 U	<0.084 U	<0.091 U	<0.092 U	<0.086 U	<0.073 U
2,2-Dichloropropane	594-20-7	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
2-Chlorotoluene	95-49-8	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
2-Hexanone (MBK)	591-78-6	NS	NS	mg/kg	<0.0056 UJ	<0.0058 UJ	<0.011 U	<0.01 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U	<0.0091 U
4-Chlorotoluene	106-43-4	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
4-Ethyltoluene	622-96-8	NS	NS	mg/kg	0.00037 J	0.025 J	0.017	0.013	0.012	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
Acetone	67-64-1	1000	0.05	mg/kg	<0.0056 U	<0.0058 U	<0.011 U	<0.01 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U	<0.0091 U
Acrylonitrile	107-13-1	NS	NS	mg/kg	<0.0022 UJ	<0.0023 UJ	<0.0044 U	<0.0041 U	<0.0042 U	<0.0045 U	<0.0046 U	<0.0043 U	<0.0036 U
Benzene	71-43-2	89	0.06	mg/kg	0.0016	0.46	0.19	0.044	0.012	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
Bromobenzene	108-86-1	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
Bromochloromethane	74-97-5	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
Bromodichloromethane	75-27-4	NS	NS	mg/kg	<0.00028 U	<0.00029 U	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
Bromoform	75-25-2	NS	NS	mg/kg	<0.0022 UJ	<0.0023 UJ	<0.0044 U	<0.0041 U	<0.0042 U	<0.0045 U	<0.0046 U	<0.0043 U	<0.0036 U
Bromomethane	74-83-9	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
Carbon Disulfide	75-15-0	NS	NS	mg/kg	<0.0056 U	<0.0058 U	<0.011 U	<0.01 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U	<0.0091 U
Carbon Tetrachloride	56-23-5	44	0.76	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Chlorobenzene	108-90-7	1000	1.1	mg/kg	<0.00028 U	<0.00029 U	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
Chloroethane	75-00-3	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 UJ	<0.0021 UJ	<0.0023 UJ	<0.0023 UJ	<0.0021 UJ	<0.0018 UJ
Chloroform	67-66-3	700	0.37	mg/kg	0.0037	<0.00088 U	<0.0016 U	<0.0016 U	<0.0016 U	<0.0017 U	<0.0017 U	<0.0016 U	<0.0014 U
Chloromethane	74-87-3	NS	NS	mg/kg	<0.0022 U	<0.0023 U	<0.0044 U	<0.0041 U	<0.0042 U	<0.0045 U	<0.0046 U	<0.0043 U	<0.0036 U
Cis-1,2-Dichloroethene	156-59-2	1000	0.25	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	mg/kg	<0.00028 U	<0.00029 U	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
Cymene	99-87-6	NS	NS	mg/kg	0.00027 J	0.00083	0.00056 J	0.00034 J	0.00015 J	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Dibromochloromethane	124-48-1	NS	NS	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Dibromomethane	74-95-3	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
Dichlorodifluoromethane	75-71-8	NS	NS	mg/kg	<0.0056 U	<0.0058 U	<0.011 U	<0.01 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U	<0.0091 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
Ethylbenzene	100-41-4	780	1	mg/kg	0.00077	0.27	0.19	0.054	0.052	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Hexachlorobutadiene	87-68-3	NS	NS	mg/kg	<0.0022 UJ	<0.0023 UJ	<0.0044 U	<0.0041 U	<0.0042 U	<0.0045 U	<0.0046 U	<0.0043 U	<0.0036 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	mg/kg	0.00015 J	0.006 J	0.0027	0.0083	0.0015	<0.0011 U	0.00052 J	0.0019	<0.00091 U
M,P-Xylene	179601-23-1	NS	NS	mg/kg	0.0011	0.091	0.061	0.034	0.042	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1000	0.12	mg/kg	<0.0056 U	<0.0058 U	<0.011 U	<0.01 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U	<0.0091 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	mg/kg	<0.0056 U	<0.0058 U	<0.011 U	<0.01 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U	<0.0091 U
Methylene Chloride	75-09-2	1000	0.05	mg/kg	<0.0028 U	<0.0029 U	<0.0055 U	<0.0052 U	<0.0052 U	<0.0057 U	<0.0057 U	<0.0053 U	<0.0046 U
n-Butylbenzene	104-51-8	1000	12	mg/kg	<0.00056 U	0.00032 J	0.00032 J	0.00035 J	0.00018 J	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
n-Propylbenzene	103-65-1	1000	3.9	mg/kg	<0.00056 U	0.0032	0.0036	0.007	0.0024	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	mg/kg	0.00052 J	0.13	0.1	0.055	0.066	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Sec-Butylbenzene	135-98-8	1000	11	mg/kg	<0.00056 U	0.00014 J	0.00022 J	0.00027 J	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Styrene	100-42-5	NS	NS	mg/kg	<0.00056 U	0.055	0.0098	0.013	0.021	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
T-Butylbenzene	98-06-6	1000	5.9	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	0.00014 J
Tert-Butyl Methyl Ether	1634-04-4	1000	0.93	mg/kg	<0.0011 U	<0.0012 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.0018 U
Tetrachloroethene (PCE)	127-18-4	300	1.3	mg/kg	<0.00028 U	<0.00029 U	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
Toluene	108-88-3	1000	0.7	mg/kg	0.00093	0.24	0.15	0.02	0.0099	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Total Xylenes	1330-20-7	1000	1.6	mg/kg	0.0016 J	0.22	0.16	0.089	0.11	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	mg/kg	<0.00028 U	<0.00029 U	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
Trans-1,2-Dichloroethene	156-60-5	1000	0.19	mg/kg	<0.00084 U	<0.00088 U	<0.0016 U	<0.0016 U	<0.0016 U	<0.0017 U	<0.0017 U	<0.0016 U	<0.0014 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	mg/kg	<0.0028 U	<0.0029 U	<0.0055 U	<0.0052 U	<0.0052 U	<0.0057 U	<0.0057 U	<0.0053 U	<0.0046 U
Trichloroethene (TCE)	79-01-6	400	0.47	mg/kg	<0.00028 U	<0.00029 U	<0.00055 U	<0.00052 U	<0.00052 U	<0.00057 U	<0.00057 U	<0.00053 U	<0.00046 U
Trichlorofluoromethane	75-69-4	NS	NS	mg/kg	<0.0022 U	<0.0023 U	<0.0044 U	<0.0041 U	<0.0042 U	<0.0045 U	<0.0046 U	<0.0043 U	<0.0036 U
Vinyl Acetate	108-05-4	NS	NS	mg/kg	<0.0056 UJ	<0.0058 UJ	<0.011 U	<0.01 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U	<0.0091 U
Vinyl Chloride	75-01-4	27	0.02	mg/kg	<0.00056 U	<0.00058 U	<0.0011 U	<0.001 U	<0.001 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00091 U

Table 4
NAPL Investigation Report
Soil Sample Analytical Results

145-165 Wolcott Street
Brooklyn, New York
BCP Site No.: C224256
Langan Project No.: 170562201

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Industrial SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	Location	SBD07	SBD07	SBD07	SBD08	SBD08	SBD08	SBD09	SBD09	SBD09
				Sample Name	SBD07_65-67	SBD07_75-77	SBD07_85-87	SBD08_65-67	SBD08_76-78	SBD08_86-88	SBD09_65-67	SBD09_75-77	SBD09_86-88
				Sample Date	07/25/2024	07/25/2024	07/30/2024	07/31/2024	07/31/2024	07/31/2024	08/01/2024	08/01/2024	08/01/2024
				Sample Depth	65-67	75-77	85-87	65-67	76-78	86-88	65-67	75-77	86-88
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semivolatile Organic Compounds													
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
1,2-Dichlorobenzene	95-50-1	1000	1.1	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
1,3-Dichlorobenzene	541-73-1	560	2.4	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
1,4-Dichlorobenzene	106-46-7	250	1.8	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
1,4-Dioxane (P-Dioxane)	123-91-1	250	0.1	mg/kg	<0.032 U	<0.027 U	<0.029 U	<0.031 U	<0.03 U	<0.029 U	<0.032 U	<0.033 U	<0.03 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
2,4-Dichlorophenol	120-83-2	NS	NS	mg/kg	<0.19 U	<0.16 U	<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.19 U	<0.2 U	<0.18 U
2,4-Dimethylphenol	105-67-9	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
2,4-Dinitrophenol	51-28-5	NS	NS	mg/kg	<1 U	<0.87 U	<0.93 U	<0.99 U	<0.97 U	<0.93 U	<1 U	<1 U	<0.95 U
2,4-Dinitrotoluene	121-14-2	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
2-Chloronaphthalene	91-58-7	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
2-Chlorophenol	95-57-8	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
2-Methylnaphthalene	91-57-6	NS	NS	mg/kg	<0.25 U	0.029 J	0.029 J	<0.25 U	<0.24 U	<0.23 U	<0.26 U	<0.26 U	<0.24 U
2-Methylphenol (o-Cresol)	95-48-7	1000	0.33	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
2-Nitroaniline	88-74-4	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
2-Nitrophenol	88-75-5	NS	NS	mg/kg	<0.45 U	<0.39 U	<0.42 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	<0.47 U	<0.43 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	1000	0.33	mg/kg	<0.3 U	<0.26 U	<0.28 U	<0.3 U	<0.29 U	<0.28 U	<0.31 U	<0.31 U	<0.28 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
3-Nitroaniline	99-09-2	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	mg/kg	<0.55 U	<0.47 U	<0.5 U	<0.53 U	<0.52 U	<0.5 U	<0.56 U	<0.57 U	<0.52 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
4-Chloroaniline	106-47-8	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
4-Nitroaniline	100-01-6	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
4-Nitrophenol	100-02-7	NS	NS	mg/kg	<0.29 U	<0.25 U	<0.27 U	<0.29 U	<0.28 U	<0.27 U	<0.3 U	<0.3 U	<0.28 U
Acenaphthene	83-32-9	1000	98	mg/kg	<0.17 U	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U
Acenaphthylene	208-96-8	1000	107	mg/kg	<0.17 U	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U
Acetophenone	98-86-2	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Anthracene	120-12-7	1000	1000	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Benzo(a)anthracene	56-55-3	11	1	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Benzo(a)pyrene	50-32-8	1.1	22	mg/kg	<0.17 U	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U
Benzo(b)fluoranthene	205-99-2	11	1.7	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Benzo(g,h,i)Perylene	191-24-2	1000	1000	mg/kg	<0.17 U	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U
Benzo(k)fluoranthene	207-08-9	110	1.7	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Benzoic Acid	65-85-0	NS	NS	mg/kg	<0.68 U	<0.59 U	<0.62 U	<0.67 U	<0.65 U	<0.63 U	<0.7 U	<0.71 U	<0.64 U
Benzyl Alcohol	100-51-6	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	mg/kg	<0.48 U	<0.41 U	<0.44 U	<0.47 U	<0.46 U	<0.44 U	<0.49 U	<0.5 U	<0.45 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	mg/kg	<0.23 U	<0.2 U	<0.21 U	<0.22 U	<0.22 U	<0.21 U	<0.23 U	<0.24 U	<0.21 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	mg/kg	<0.19 U	<0.16 U	<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.19 U	<0.2 U	<0.18 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	mg/kg	<0.25 U	<0.22 U	<0.23 U	<0.25 U	<0.24 U	<0.23 U	<0.26 U	<0.26 U	<0.24 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	mg/kg	<0.21 U	0.31	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Carbazole	86-74-8	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Chrysene	218-01-9	110	1	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Dibenz(a,h)anthracene	53-70-3	1.1	1000	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Dibenzofuran	132-64-9	1000	210	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Dibutyl phthalate	84-74-2	NS	NS	mg/kg	<0.21 U	0.059 J	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Diethyl phthalate	84-66-2	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Dimethyl phthalate	131-11-3	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Dioctyl phthalate	117-84-0	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Fluoranthene	206-44-0	1000	1000	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Fluorene	86-73-7	1000	386	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Hexachlorobenzene	118-74-1	12	3.2	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Hexachlorobutadiene	87-68-3	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	mg/kg	<0.6 U	<0.52 U	<0.55 U	<0.59 U	<0.58 U	<0.55 U	<0.62 U	<0.62 U	<0.57 U
Hexachloroethane	67-72-1	NS	NS	mg/kg	<0.17 U	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	11	8.2	mg/kg	<0.17 U	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U
Isophorone	78-59-1	NS	NS	mg/kg	<0.19 U	<0.16 U	<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.19 U	<0.2 U	<0.18 U
Naphthalene	91-20-3	1000	12	mg/kg	0.033 J	0.63	0.24	0.1 J	0.079 J	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Nitrobenzene	98-95-3	NS	NS	mg/kg	<0.19 U	<0.16 U	<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.19 U	<0.2 U	<0.18 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	mg/kg	<0.17 U	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U
Pentachlorophenol	87-86-5	55	0.8	mg/kg	<0.17 U	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U
Phenanthrene	85-01-8	1000	1000	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Phenol	108-95-2	1000	0.33	mg/kg	<0.21 U	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.22 U	<0.22 U	<0.2 U
Pyrene	129-00-0	1000	1000	mg/kg	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
General Chemistry													
Solids, Percent	SOLID	NS	NS	Percent	78.9	90.4	85.2	79.9	82.1	85.4	76.7	75.9	83

Table 4
NAPL Investigation Report
Soil Sample Analytical Results

145-165 Wolcott Street
Brooklyn, New York
BCP Site No.: C224256
Langan Project No.: 17056220

Notes:
CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted Use Industrial and Protection of Groundwater Soil Cleanup Objectives (SCO).
Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds Restricted Use Industrial SCOs
10 - Result exceeds Protection of Groundwater SCOs

Table 5
NAPL Investigation Report
Groundwater Sample Analytical Results

145-165 Wolcott Street
Brooklyn, New York
BCP Site No.: C224256
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC SGVs	Location	MW-01D	MW-02D	MW-03D	MW-03D	MW-03S
			Sample Name	MW-01D_081324	MW-02D_081324	MW-03D_081324	DUP01_081324	MW-03S_081324
			Sample Date	08/13/2024	08/13/2024	08/13/2024	08/13/2024	08/13/2024
			Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	1.4 J	1.3 J	2.3
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<2.5 U	<2.5 U	3.8	3.9	**8.3**
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<2.5 U	<2.5 U	**7**	**7.1**	3.3
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	5.8	5.6	1.6 J
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	<250 U	<250 U	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	4.2	4.3	4
Acetone	67-64-1	50	ug/l	<5 U	<5 U	2.2 J	2.1 J	5.5
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	**1.3**	<0.5 U	**1.2**	**1.2**	0.42 J
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	0.92 J	3.8	3.9	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	3
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	2.6	<2.5 U	3.1	3.2	1.2 J
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	1.7 J
M,P-Xylene	179601-23-1	**5**	ug/l	0.91 J	<2.5 U	**5.9**	**6**	3.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	0.71 J	0.8 J
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<2.5 U	1.7 J	1.7 J	2.9
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	1.2 J	<2.5 U	2.7	2.6	**13**
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	2.8	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	0.3 J	0.39 J	0.32 J	0.29 J	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	1.2 J	<2.5 U	2.9	3	1 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	2.1 J	<2.5 U	**8.6**	**8.6**	**17**
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U

Table 5
NAPL Investigation Report
Groundwater Sample Analytical Results

145-165 Wolcott Street
Brooklyn, New York
BCP Site No.: C224256
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC SGVs	Location	MW-01D	MW-02D	MW-03D	MW-03D	MW-03S
			Sample Name	MW-01D_081324	MW-02D_081324	MW-03D_081324	DUP01_081324	MW-03S_081324
			Sample Date	08/13/2024	08/13/2024	08/13/2024	08/13/2024	08/13/2024
			Unit	Result	Result	Result	Result	Result
Semivolatile Organic Compounds								
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 UJ	<5 U	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 UJ	<2 U	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	**7**
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<1 U	<1 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	1.1	<0.1 U	5.4	4.6	2.4
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	2.3 J
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<5 U	3.2 J
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	20	ug/l	0.22	<0.1 U	0.82	0.71	1.8
Acenaphthylene	208-96-8	NS	ug/l	0.23	<0.1 U	0.18 J	0.16 J	0.28
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	0.03 J	<0.1 U	1.4	1.4	1
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.1 U	<0.1 U	**26**	**23**	**0.55**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	<0.1 U	**23**	**21**	**0.41**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.1 U	<0.1 U	<0.5 U	<0.5 U	**0.28**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	32	29	0.29
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	<0.1 U	<0.5 U	<0.5 U	**0.04 J**
Benzoic Acid	65-85-0	NS	ug/l	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	1.9 J	1.7 J	<3 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	0.74 J
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	<0.1 U	**78**	**70**	**0.78**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	16	15	0.15
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	<0.1 U	<0.1 U	3.8	3.6	0.4
Fluorene	86-73-7	50	ug/l	<0.1 U	<0.1 U	0.8	0.71	1.7
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<4 U	<4 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 UJ	<0.5 U	<2.5 U	<2.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 UJ	<20 U	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 UJ	<0.8 U	<4 U	<4 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	<0.1 U	**2.9**	**2.7**	**0.12**
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	10	ug/l	8.2	0.36	4	3.4	2.1
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	<0.8 UJ	0.38 J	0.41 J	<0.8 UJ
Phenanthrene	85-01-8	50	ug/l	0.18	0.04 J	15	13	1.5
Phenol	108-95-2	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	<0.1 U	<0.1 U	18	16	1.1

Table 5
NAPL Investigation Report
Groundwater Sample Analytical Results

145-165 Wolcott Street
Brooklyn, New York
BCP Site No.: C224256
Langan Project No.: 170562203

Notes:
CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
1 - Result exceeds NYSDEC SGVs

APPENDIX A

NAPL INVESTIGATION WORK PLAN ADDENDUM AND NYSDEC CORRESPONDENCE

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

July 17, 2024

Steven Scharf
Project Manager, Remediation Section A
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Re: Non-Aqueous Phase Liquid Investigation Work Plan Addendum
145-165 Wolcott Street
Brooklyn, New York
NYSDEC BCP Site No. C224256
Langan Project No.: 170562203

Dear Mr. Scharf:

On behalf of NYM 145 Wolcott, LLC (the "Volunteer"), we request approval from the New York State Department of Environmental Conservation (NYSDEC) to conduct supplemental soil and groundwater sampling at 145-165 Wolcott Street ("site") in Brooklyn, New York (Figure 1). The proposed sampling plan is an addendum to the NYSDEC-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan. The sampling objective is to further evaluate for the potential presence of dense non-aqueous phase liquid (DNAPL) on the northern and central portion of the site. This supplemental sampling plan is provided in response to a request by NYSDEC during a July 17, 2024 telephone conversation with Langan.

NAPL Investigation Work Plan Implementation Status

The NAPL Investigation Work Plan proposed the advancement of six soil borings to a minimum depth of 85 feet below grade surface (bgs) in the northern and central parts of the site to evaluate potential DNAPL impacts. The work plan proposed the installation of up to three monitoring wells, pending observation of grossly-impacted material in the soil borings.

As part of work plan implementation, Langan advanced six borings (SBD01 through SBD06) to depths between 85 and 100 feet bgs between June 3 and June 12, 2024. Evidence of potential DNAPL (i.e., staining, odors, or photoionization [PID] readings above background) was not observed in the borings. Langan summarized the investigation findings in Daily Field Reports provided to NYSDEC.

During subsequent e-mail and telephone correspondence, NYSDEC stated that confirmatory soil and groundwater sampling would be required for DNAPL evaluation and conveyed that soil and groundwater samples should be collected from three additional soil borings and corresponding monitoring wells. This addendum describes the NYSDEC-requested additional scope.

Implementation of this sampling plan will adhere to the same protocols and procedures presented in the May 2024 NAPL Investigation Work Plan. The scope, findings, and analytical results of the supplemental sampling will be presented in the NAPL Evaluation Report.

Soil and Groundwater Sampling Plan

Soil Boring Advancement

An environmental driller will advance three soil borings (SBD07, SBD08, and SBD09) in the northern and central parts of the site to evaluate for potential DNAPL and to install deep groundwater monitoring wells. The borings will be advanced with a track-mounted sonic drill rig. Langan field personnel will document the work and screen the soil samples for environmental impacts. Soil will be screened continuously to the boring termination depth for organic vapors with a photoionization detector (PID) equipped with a 10.6 electron volt bulb, and for visual and olfactory indications of environmental impacts (i.e., staining and odors). Soil descriptions will be recorded in a field log.

The borings will be advanced to a depth of 90 feet bgs; however, if evidence of DNAPL is observed at a shallower depth, the boring will be terminated about 5 feet below the DNAPL-impacted interval. Potential DNAPL will be considered vertically delineated once a minimum of 5 feet of soil without DNAPL-related impacts is observed. Non-disposable, down-hole drilling equipment and sampling apparatus will be decontaminated between locations with Alconox (or similar) and water, as needed. The proposed soil boring locations are shown on Figure 2.

Soil Sampling

Soil samples will be collected from each soil boring at depth intervals that exhibit indications of DNAPL (i.e., smearing, sheen, and tar-like odors) and submitted for laboratory analysis. In the absence of indications of DNAPL, three soil samples will be collected from each boring from the following depth intervals: 65 to 70 feet; 75 to 80 feet; and 85 to 90 feet bgs. These correspond to the depth intervals that exhibited the highest volatile organic compound (VOC) and semivolatile organic compound (SVOC) concentrations during previous investigations and also include the deepest soil boring interval. Soil samples will be submitted for laboratory analysis of Target Compound List (TCL) volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs).

Monitoring Well Installation

The soil borings will be converted into three permanent groundwater monitoring wells (MW-01D, MW-02D, and MW-03D). The monitoring wells will be constructed, developed, and surveyed as described in the NAPL Investigation Work Plan, and will be screened at the depth of observed impacts with a 5-foot sump below the screen, or in the absence of apparent impacts, at a depth of 80 to 90 feet bgs. The sump will be installed at least 5 feet below the observed impacts or keyed within a clay layer, if present. The proposed well locations are shown on Figure 2.

DNAPL Evaluation

Following the initial well gauging, one sample of DNAPL, if encountered, will be collected and submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) approved laboratory for analysis for petroleum hydrocarbon identification by gas chromatography with flame ionization detector (GC/FID) by SW-846 Method 8015D(M). DNAPL recharge/transmissivity will then be evaluated via a DNAPL drawdown test, if DNAPL is encountered, one week after well installation. During the drawdown test, DNAPL will be recovered from the bottom of a deep well by pumping, and DNAPL thickness will be measured on a daily basis to document the recovery rate until the DNAPL level stabilizes. If DNAPL is not observed in the deep wells following installation, Langan will conduct daily gauging of the wells for four days following installation and collect a DNAPL sample for laboratory analysis as summarized above, if DNAPL is observed.

The results of periodic gauging and product recovery will indicate the rate of DNAPL recharge and recoverability, which will inform the selected remedial alternative in the RAWP.

Groundwater Sampling

One groundwater sample will be collected from each of the three groundwater monitoring wells (MW-01D, MW-02D, and MW-03D). Prior to sampling, each well will be gauged with an interface probe to record a depth to groundwater and the thickness of DNAPL, if present. If DNAPL is identified in a well, a groundwater sample will not be collected. The wells will be purged and sampled as described in the NAPL Investigation Work Plan. Groundwater samples will be analyzed for TCL VOCs and SVOCs.

Community Air Monitoring Plan (CAMP) and Reporting

Community air monitoring during all ground-intrusive activities and reporting will conform with NAPL Investigation Work Plan.

Schedule

Langan will implement this NAPL Investigation Work Plan Addendum on July 23, 2024 and anticipates completing the borings and monitoring wells within 3 drilling days. Well gauging and sampling will occur 7 days following well installation. A NAPL Evaluation Report will be submitted to NYSDEC in August 2024.

Closing

We look forward to your response and proceeding with the investigation. Please contact the undersigned with questions.

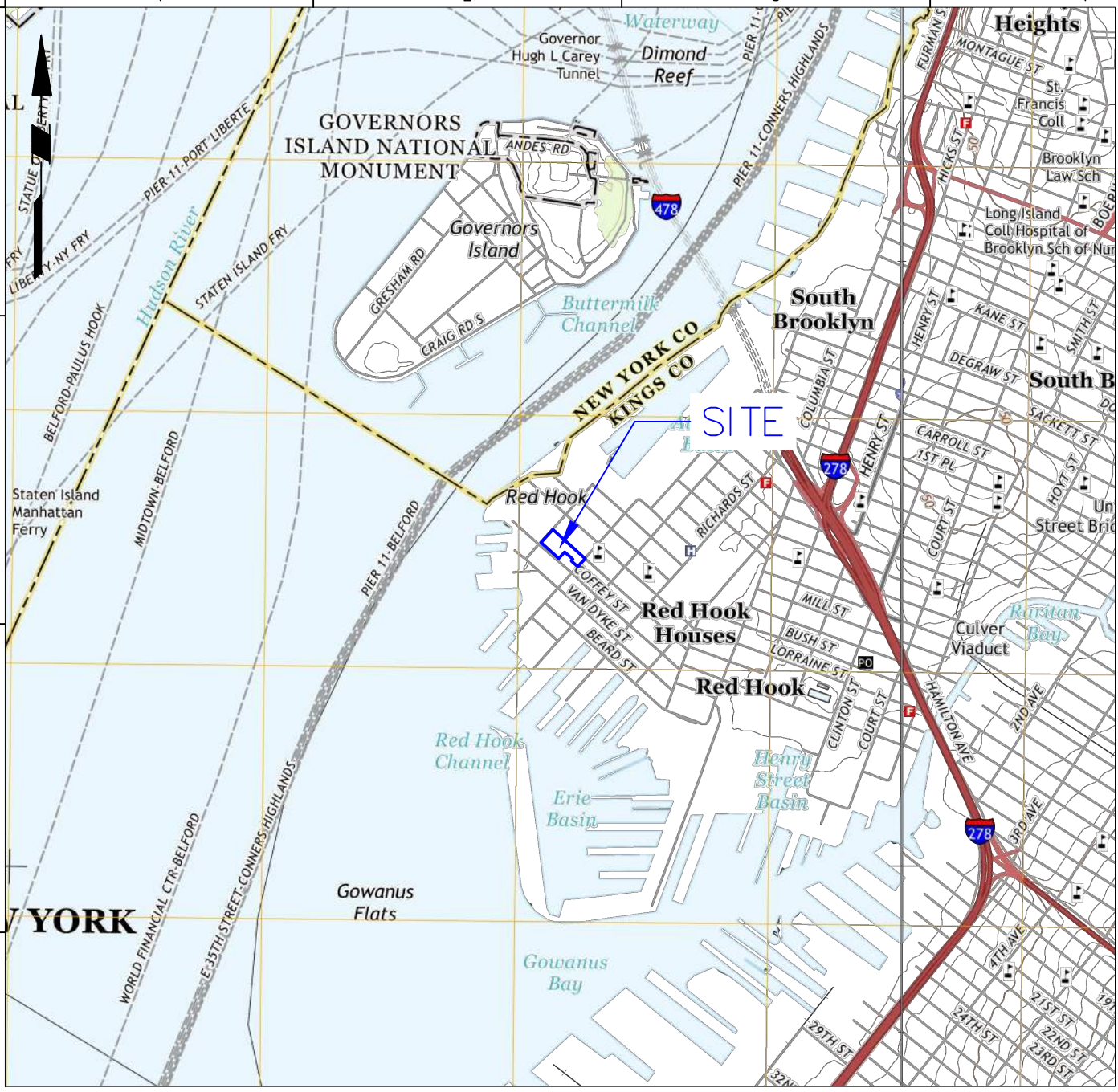
Sincerely,
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Stuart Knoop, P.G.
Senior Project Manager

Gerald F. Nicholls, P.E. CHMM
Associate Principal

Figure 1 – Site Location Map
Figure 2 – Proposal Soil Boring and Monitoring Well Location Map

cc: S. Yu (NYM 145 Wolcott, LLC); N. Palumbo (Langan)



LEGEND

APPROXIMATE SITE BOUNDARY

NOTES

1. BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES QUADRANGLE MAPS OF BROOKLYN, NEW YORK AND JERSEY CITY, NEW JERSEY, NEW YORK, DATED 2016 AND 2014, RESPECTIVELY.

2000 0 1000 2000

SCALE IN FEET

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

LANGAN

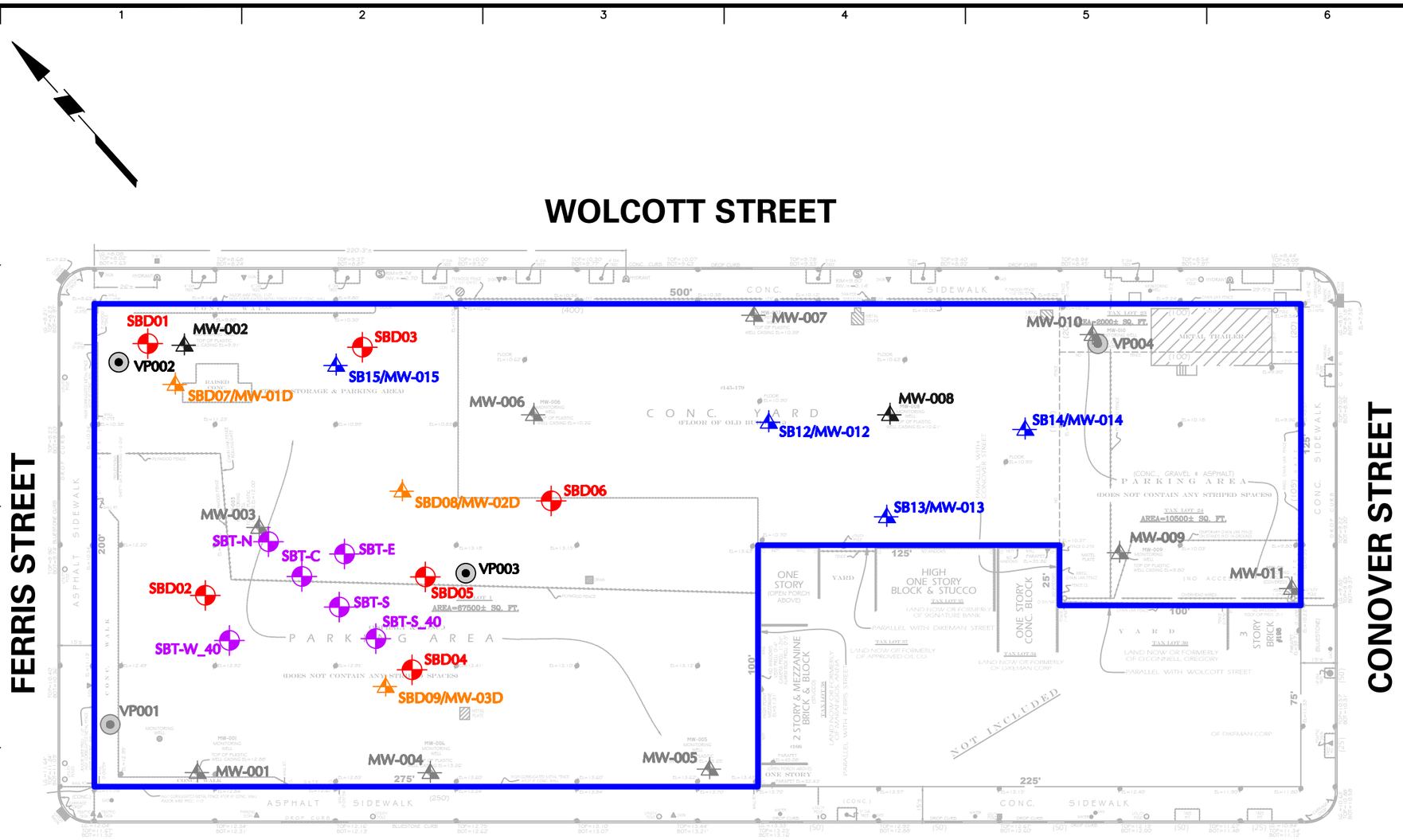
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

360 West 31st Street, 8th Floor
New York, NY 10001

T: 212.479.5400 F: 212.479.5444 www.langan.com

Project	145-165 WOLCOTT STREET BLOCK No. 574 LOT Nos. 1, 23, & 24 BROOKLYN KINGS NEW YORK
Figure Title	SITE LOCATION MAP
Project No.	170562203
Date	3/7/2024
Drawn By	LG
Checked By	NP
Figure No.	1
Sheet	1 of 2

Filename: \\langan.com\data\NYC\data2\170562203\Project Data\CAD-Environmental\Figure 1 - Site Location Map.dwg Date: 3/7/2024 Time: 18:39 User: lgrose Style Table: Langan.stb Layout: ANSIA-BP



LEGEND

- SITE BOUNDARY
- MW-001 — MONITORING WELL LOCATION (PHASE I RI)
- MW-002 — MONITORING WELL LOCATION WITH OBSERVED LNAPL (PHASE II RI)
- VP001 — APPROXIMATE TEMPORARY VERTICAL PROFILE WELL LOCATION (PHASE I RI)
- VP001 — APPROXIMATE TEMPORARY VERTICAL PROFILE WELL LOCATION WITH VOC AND SVOC IMPACTS BELOW 60 FEET BGS (PHASE I RI)
- NNE — APPROXIMATE SOIL BORING LOCATION (2015 ESA, VOLUMETRIC)
- LB-10 — APPROXIMATE SHALLOW GEOTECHNICAL BORING (LANGAN, 2024)
- LB-11 — APPROXIMATE DEEP GEOTECHNICAL BORING (LANGAN, 2024)
- SBD01 — DNAPL DELINEATION SOIL BORING LOCATION
- SBT-S_40 — SHALLOW TAR-LIKE MATERIAL DELINEATION SOIL BORING LOCATION
- SB07/MW-07 — LNAPL MONITORING WELL LOCATION
- SBD07/MW-01D — PROPOSED DNAPL DELINEATION SOIL BORING AND DEEP MONITORING WELL LOCATION

NOTES

1. BASE MAP REFERENCED FROM SEPTEMBER 2023 ALTA SURVEY PREPARED BY BORO LAND SURVEYING, P.C.
2. PREVIOUS MONITORING WELL LOCATIONS AND TEMPORARY VERTICAL PROFILE WELL LOCATIONS REFERENCED FROM FIGURE 6B OF THE 31 MAY 2022 DRAFT REMEDIAL ACTION WORK PLAN, PREPARED BY LANGAN.
3. BGS - BELOW GRADE SURFACE
4. DNAPL - DENSE NON-AQUEOUS PHASE LIQUID
5. LNAPL - LIGHT NON-AQUEOUS PHASE LIQUID
6. RI - REMEDIAL INVESTIGATION
7. VOC - VOLATILE ORGANIC COMPOUNDS
8. SVOC - SEMI VOLATILE ORGANIC COMPOUNDS
9. ESA - ENVIRONMENTAL SITE ASSESSMENT

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

50 0 25 50
SCALE: 1 INCH = 50 FEET

LANGAN
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
360 West 31st Street, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com

Project	145-165 WOLCOTT STREET
	BLOCK No. 574 LOT Nos. 1, 23, & 24 BROOKLYN
	KINGS NEW YORK
Figure Title	PROPOSED SOIL BORING / MONITORING WELL LOCATION PLAN
Project No.	170562203
Date	7/17/2024
Drawn By	NP
Checked By	SK
Figure No.	2
Sheet	2 of 2

Filename: C:\Users\npalumbo\OneDrive - Langan Engineering And Environmental Services, Inc\Desktop\Figure 2 - Soil Boring and Monitoring Well Location Plan.dwg Date: 7/17/2024 Time: 13:44 User: npalumbo Style Table: Langan.stb Layout: ANSIB-BL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau A
625 Broadway, 12th Floor, Albany, NY 12233-7015
P: (518) 402-9625 I F: (518) 402-9627
www.dec.ny.gov

July 18, 2024

Stuart Knoop, P.G.
Langan Engineering, Environmental Surveying
Landscape Architecture and Geology, D.P.C
360 West 31st Street, 8th Floor
New York, NY 10001

RE: 145-165 Wolcott Street BCP Site,
Brooklyn Site No. C224256.

Dear Mr. Knoop,

Langan Engineering, on behalf of the current volunteer group NYM 145 Wolcott LLC, has submitted the workplan amendment entitled “Non-Aqueous Phase Liquid Investigation Workplan Amendment, July 17, 2017.” This addendum is the implementation of the contingency borings from the approved Non-Aqueous Phase Liquid Investigation Work Plan dated May 22, 2024.

This work plan has been reviewed by the New York State Department of Environmental Conservation (NYSDEC). This review finds this work plan acceptable for implementation and by means of this letter and pursuant to the current Brownfields Cleanup Agreement, is approved.

If you have any questions, please contact me direct at 518-402-9702 or at steven.scharf@dec.ny.gov .

Sincerely,

Steven M. Scharf

(Signed Electronically by)
Steven M. Scharf, P.E.
Project Engineer
Remedial Bureau A
Division of Environmental Remediation

ec: J. Swartwout, NYSDEC
J. O'Connell, Region 2
A. Peretta, NYSDOH
N. Palumbo, Langan
SYU@bungalowre.com

APPENDIX B

DAILY FIELD REPORTS

DAILY FIELD REPORT – Day 001

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Monday, June 03, 2024
PROJECT No.:	170562203	**WEATHER:**	Clear, 73 to 85°F Wind: NE/NW @ 3 – 12 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:30 – 14:30 (8.0 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
Versa-Sonic Drill Rig
MiniRAE 3000 Photoionization Detector

PRESENT AT SITE:
Langan: Lisa Cristiano, Brian Kenneally
Coastal Environmental Solutions, Inc. (Coastal): Patrick Slavin
Nova Geophysical Services (NOVA): Levent Eskicakit

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- NOVA performed a geophysical survey across the entire site and adjoining sidewalks to clear utilities at proposed soil boring locations.
- Coastal used a Versa-Sonic drill rig to advance soil boring SB01 to a depth of about 50 feet below grade surface (bgs) in the northern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). A maximum PID reading of 33.2 parts per million (ppm) was observed in fill recovered from about 10.5 feet bgs. No odors or staining were identified in soil.
    - Due to a mechanical issue with the drill rig, SB01 was not completed to the proposed minimum depth of 85 feet bgs.
- Excess soil cuttings were containerized in a 55-gallon drum. The drum was labeled and staged adjacent to SB01 in the northern part of the site for future off-site disposal.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, Brian Kenneally **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Material Tracking

- Excess soil cuttings were containerized in one 55-gallon drum for future off-site disposal.

Total Drum Counts	
Soil	**Groundwater / Decon Water**
1	0

Anticipated Activities

- Costal will continue to implement the NAPL Investigation Work Plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, Brian Kenneally **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

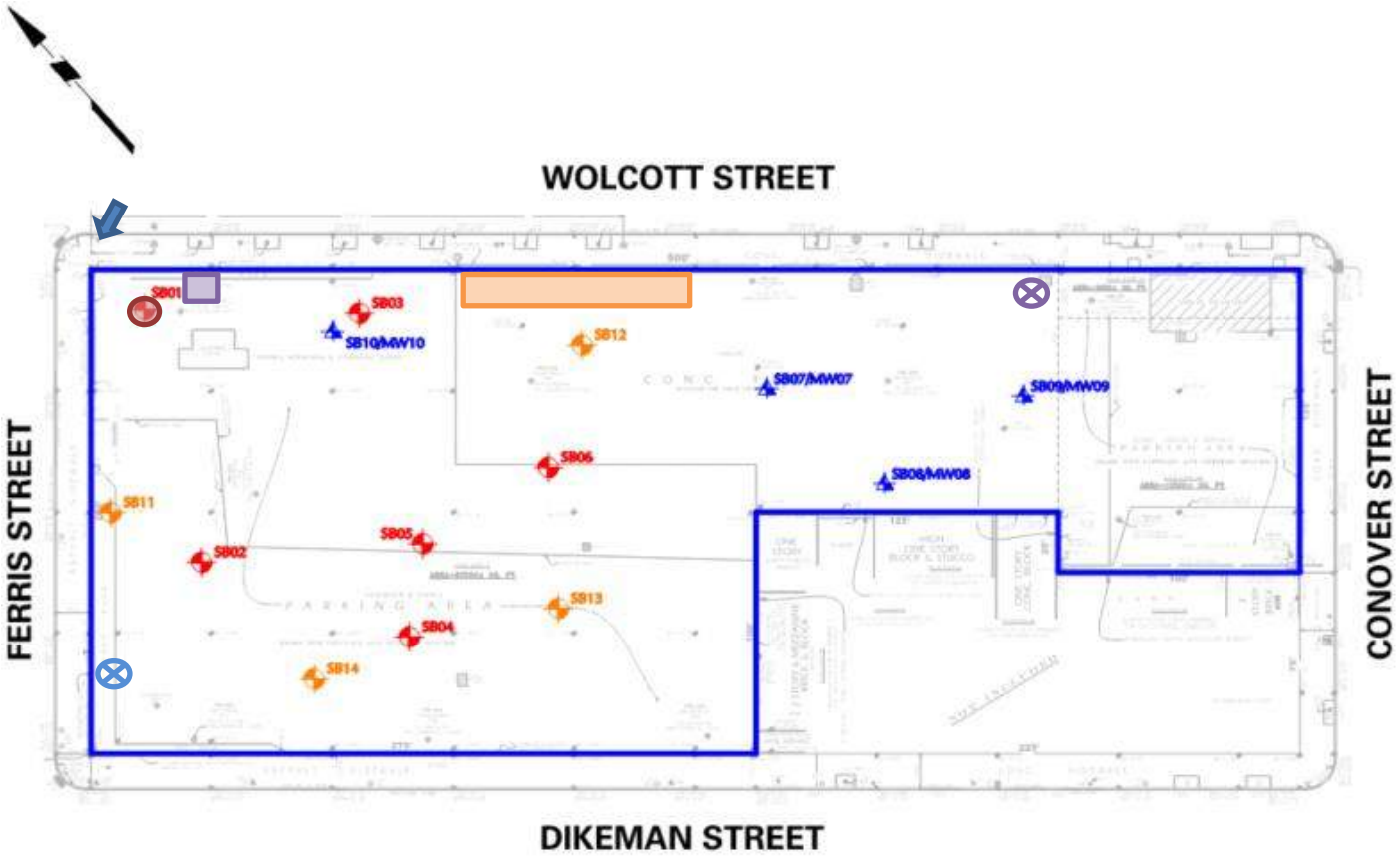
Photo 1: Coastal advancing soil boring SB01 in the northern part of the site (facing north)

Photo 2: Soil boring core from 0 to 10 feet bgs at SB01

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, Brian Kenneally
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Upwind CAMP Station
- Downwind CAMP Station
- Wind Direction
- Soil Boring or Monitoring Well (Installed on 06/03/204)
- Soil Boring or Monitoring Well (Previously Installed or Sampled)
- Proposed DNAPL Delineation Soil Boring and Monitoring Well Location
- Proposed Continency DNAPL Delineation Step-Out Soil Boring Location
- Proposed LNAPL Soil Boring and Monitoring Well Location
- NAPL IDW Drum Staging Area
- Geotechnical Investigation IDW Drum Staging Area

Notes:

1. Base map referenced from September 22, 2023 ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, Brian Kenneally
			Langan Eng, Env, Surv, L.A. & Geo, DPC

LANGAN

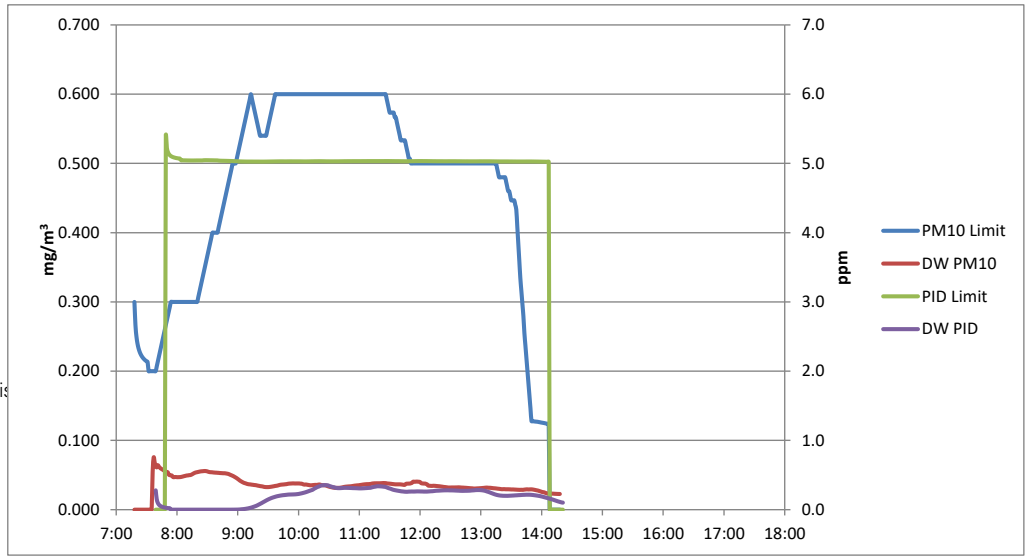
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 6/3/2024
Start: 7:17
End: 14:21
Observer: Lisa Cristiano

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.362	0.034
Minimum 15min Average	0.024	0.023
Maximum 15min Average	0.500	0.076
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.022	0.021
Maximum 1min Reading	0.500	0.062

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwis



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.2
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.4	0.4
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.4	0.4

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

Monday, June 3, 2024						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						392
Start Time:						7:17
End Time:						14:18
PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
7:17	0.300	0.300	7:17			
7:18	0.100	0.200	7:18			
7:19	0.100	0.167	7:19			
7:20	0.100	0.150	7:20			
7:21	0.100	0.140	7:21			
7:22	0.100	0.133	7:22			
7:23	0.100	0.129	7:23			
7:24	0.100	0.125	7:24			
7:25	0.100	0.122	7:25			
7:26	0.100	0.120	7:26			
7:27	0.100	0.118	7:27			
7:28	0.100	0.117	7:28			
7:29	0.100	0.115	7:29			
7:30	0.100	0.114	7:30			
7:31	0.100	0.113	7:31			
7:32	0.100	0.100	7:32			
7:33	0.100	0.100	7:33			
7:34	0.100	0.100	7:34			
7:35	0.100	0.100	7:35			
7:36	0.100	0.100	7:36	0.055	0.055	-
7:37	0.100	0.100	7:37	0.096	0.076	-
7:38	0.100	0.100	7:38	0.053	0.068	-
7:39	0.100	0.100	7:39	0.050	0.064	-
7:40	0.200	0.107	7:40	0.051	0.061	-
7:41	0.200	0.113	7:41	0.081	0.064	-
7:42	0.200	0.120	7:42	0.051	0.062	-
7:43	0.200	0.127	7:43	0.049	0.061	-
7:44	0.200	0.133	7:44	0.049	0.059	-
7:45	0.200	0.140	7:45	0.051	0.059	-
7:46	0.200	0.147	7:46	0.048	0.058	-
7:47	0.200	0.153	7:47	0.046	0.057	-
7:48	0.200	0.160	7:48	0.046	0.056	-
7:49	0.200	0.167	7:49	0.046	0.055	-
7:50	0.200	0.173	7:50	0.045	0.054	-
7:51	0.200	0.180	7:51	0.045	0.054	-
7:52	0.200	0.187	7:52	0.045	0.050	-
7:53	0.200	0.193	7:53	0.045	0.050	-
7:54	0.200	0.200	7:54	0.045	0.050	-
7:55	0.200	0.200	7:55	0.048	0.049	-
7:56	0.200	0.200	7:56	0.049	0.047	-
7:57	0.200	0.200	7:57	0.047	0.047	-
7:58	0.200	0.200	7:58	0.052	0.047	-
7:59	0.200	0.200	7:59	0.049	0.047	-
8:00	0.200	0.200	8:00	0.048	0.047	-
8:01	0.200	0.200	8:01	0.048	0.047	-
8:02	0.200	0.200	8:02	0.047	0.047	-
8:03	0.200	0.200	8:03	0.047	0.047	-
8:04	0.200	0.200	8:04	0.049	0.047	-
8:05	0.200	0.200	8:05	0.050	0.048	-
8:06	0.200	0.200	8:06	0.051	0.048	-
8:07	0.200	0.200	8:07	0.051	0.048	-
8:08	0.200	0.200	8:08	0.050	0.049	-
8:09	0.200	0.200	8:09	0.051	0.049	-
8:10	0.200	0.200	8:10	0.052	0.049	-
8:11	0.200	0.200	8:11	0.051	0.050	-
8:12	0.200	0.200	8:12	0.052	0.050	-
8:13	0.200	0.200	8:13	0.053	0.050	-
8:14	0.200	0.200	8:14	0.056	0.050	-
8:15	0.200	0.200	8:15	0.059	0.051	-
8:16	0.200	0.200	8:16	0.061	0.052	-
8:17	0.200	0.200	8:17	0.059	0.053	-
8:18	0.200	0.200	8:18	0.057	0.053	-
8:19	0.200	0.200	8:19	0.055	0.054	-
8:20	0.200	0.200	8:20	0.055	0.054	-
8:21	0.300	0.207	8:21	0.056	0.055	-
8:22	0.300	0.213	8:22	0.056	0.055	-
8:23	0.300	0.220	8:23	0.055	0.055	-
8:24	0.300	0.227	8:24	0.054	0.055	-
8:25	0.300	0.233	8:25	0.054	0.056	-
8:26	0.300	0.240	8:26	0.053	0.056	-
8:27	0.300	0.247	8:27	0.054	0.056	-
8:28	0.300	0.253	8:28	0.053	0.056	-
8:29	0.300	0.260	8:29	0.053	0.056	-
8:30	0.300	0.267	8:30	0.054	0.055	-
8:31	0.300	0.273	8:31	0.053	0.055	-
8:32	0.300	0.280	8:32	0.053	0.054	-
8:33	0.300	0.287	8:33	0.054	0.054	-
8:34	0.300	0.293	8:34	0.054	0.054	-
8:35	0.300	0.300	8:35	0.053	0.054	-
8:36	0.300	0.300	8:36	0.053	0.054	-
8:37	0.300	0.300	8:37	0.054	0.054	-
8:38	0.300	0.300	8:38	0.053	0.053	-
8:39	0.300	0.300	8:39	0.053	0.053	-
8:40	0.300	0.300	8:40	0.052	0.053	-
8:41	0.400	0.307	8:41	0.052	0.053	-
8:42	0.400	0.313	8:42	0.051	0.053	-
8:43	0.400	0.320	8:43	0.051	0.053	-
8:44	0.400	0.327	8:44	0.052	0.053	-
8:45	0.400	0.333	8:45	0.052	0.053	-
8:46	0.400	0.340	8:46	0.052	0.053	-
8:47	0.400	0.347	8:47	0.053	0.053	-
8:48	0.400	0.353	8:48	0.051	0.052	-
8:49	0.400	0.360	8:49	0.050	0.052	-
8:50	0.400	0.367	8:50	0.049	0.052	-
8:51	0.400	0.373	8:51	0.047	0.051	-
8:52	0.400	0.380	8:52	0.044	0.051	-
8:53	0.400	0.387	8:53	0.043	0.050	-
8:54	0.400	0.393	8:54	0.044	0.050	-
8:55	0.400	0.400	8:55	0.042	0.049	-
8:56	0.400	0.400	8:56	0.041	0.048	-
8:57	0.400	0.400	8:57	0.038	0.047	-
8:58	0.400	0.400	8:58	0.038	0.046	-
8:59	0.500	0.407	8:59	0.038	0.045	-
9:00	0.500	0.413	9:00	0.036	0.044	-
9:01	0.500	0.420	9:01	0.036	0.043	-
9:02	0.500	0.427	9:02	0.035	0.042	-
9:03	0.500	0.433	9:03	0.037	0.041	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
9:04	0.500	0.440	9:04	0.037	0.040	-
9:05	0.500	0.447	9:05	0.037	0.040	-
9:06	0.500	0.453	9:06	0.036	0.039	-
9:07	0.500	0.460	9:07	0.037	0.038	-
9:08	0.500	0.467	9:08	0.036	0.038	-
9:09	0.500	0.473	9:09	0.036	0.037	-
9:10	0.500	0.480	9:10	0.036	0.037	-
9:11	0.500	0.487	9:11	0.037	0.037	-
9:12	0.500	0.493	9:12	0.036	0.037	-
9:13	0.500	0.500	9:13	0.035	0.036	-
9:14	0.400	0.493	9:14	0.034	0.036	-
9:15	0.400	0.487	9:15	0.034	0.036	-
9:16	0.400	0.480	9:16	0.032	0.036	-
9:17	0.400	0.473	9:17	0.033	0.036	-
9:18	0.400	0.467	9:18	0.034	0.035	-
9:19	0.400	0.460	9:19	0.032	0.035	-
9:20	0.400	0.453	9:20	0.032	0.035	-
9:21	0.400	0.447	9:21	0.032	0.034	-
9:22	0.400	0.440	9:22	0.032	0.034	-
9:23	0.500	0.440	9:23	0.033	0.034	-
9:24	0.500	0.440	9:24	0.033	0.034	-
9:25	0.500	0.440	9:25	0.031	0.033	-
9:26	0.500	0.440	9:26	0.031	0.033	-
9:27	0.500	0.440	9:27	0.033	0.033	-
9:28	0.500	0.440	9:28	0.033	0.033	-
9:29	0.500	0.447	9:29	0.034	0.033	-
9:30	0.500	0.453	9:30	0.034	0.033	-
9:31	0.500	0.460	9:31	0.034	0.033	-
9:32	0.500	0.467	9:32	0.036	0.033	-
9:33	0.500	0.473	9:33	0.037	0.033	-
9:34	0.500	0.480	9:34	0.036	0.033	-
9:35	0.500	0.487	9:35	0.036	0.034	-
9:36	0.500	0.493	9:36	0.036	0.034	-
9:37	0.500	0.500	9:37	0.037	0.034	-
9:38	0.500	0.500	9:38	0.036	0.034	-
9:39	0.500	0.500	9:39	0.037	0.035	-
9:40	0.500	0.500	9:40	0.037	0.035	-
9:41	0.500	0.500	9:41	0.038	0.036	-
9:42	0.500	0.500	9:42	0.038	0.036	-
9:43	0.500	0.500	9:43	0.036	0.036	-
9:44	0.500	0.500	9:44	0.036	0.036	-
9:45	0.500	0.500	9:45	0.036	0.036	-
9:46	0.500	0.500	9:46	0.036	0.037	-
9:47	0.500	0.500	9:47	0.039	0.037	-
9:48	0.500	0.500	9:48	0.039	0.037	-
9:49	0.500	0.500	9:49	0.041	0.037	-
9:50	0.500	0.500	9:50	0.040	0.037	-
9:51	0.500	0.500	9:51	0.039	0.038	-
9:52	0.500	0.500	9:52	0.038	0.038	-
9:53	0.500	0.500	9:53	0.037	0.038	-
9:54	0.500	0.500	9:54	0.039	0.038	-
9:55	0.500	0.500	9:55	0.037	0.038	-
9:56	0.500	0.500	9:56	0.037	0.038	-
9:57	0.500	0.500	9:57	0.037	0.038	-
9:58	0.500	0.500	9:58	0.037	0.038	-
9:59	0.500	0.500	9:59	0.036	0.038	-
10:00	0.500	0.500	10:00	0.036	0.038	-
10:01	0.500	0.500	10:01	0.035	0.038	-
10:02	0.500	0.500	10:02	0.036	0.038	-
10:03	0.500	0.500	10:03	0.038	0.038	-
10:04	0.500	0.500	10:04	0.033	0.037	-
10:05	0.500	0.500	10:05	0.032	0.036	-
10:06	0.500	0.500	10:06	0.035	0.036	-
10:07	0.500	0.500	10:07	0.040	0.036	-
10:08	0.500	0.500	10:08	0.035	0.036	-
10:09	0.500	0.500	10:09	0.034	0.036	-
10:10	0.500	0.500	10:10	0.034	0.036	-
10:11	0.500	0.500	10:11	0.032	0.035	-
10:12	0.500	0.500	10:12	0.035	0.035	-
10:13	0.500	0.500	10:13	0.038	0.035	-
10:14	0.500	0.500	10:14	0.039	0.035	-
10:15	0.500	0.500	10:15	0.038	0.036	-
10:16	0.500	0.500	10:16	0.037	0.036	-
10:17	0.500	0.500	10:17	0.037	0.036	-
10:18	0.500	0.500	10:18	0.037	0.036	-
10:19	0.500	0.500	10:19	0.037	0.036	-
10:20	0.500	0.500	10:20	0.036	0.036	-
10:21	0.500	0.500	10:21	0.035	0.036	-
10:22	0.500	0.500	10:22	0.033	0.036	-
10:23	0.500	0.500	10:23	0.031	0.036	-
10:24	0.500	0.500	10:24	0.032	0.035	-
10:25	0.500	0.500	10:25	0.032	0.035	-
10:26	0.500	0.500	10:26	0.031	0.035	-
10:27	0.500	0.500	10:27	0.031	0.035	-
10:28	0.500	0.500	10:28	0.030	0.034	-
10:29	0.500	0.500	10:29	0.031	0.034	-
10:30	0.500	0.500	10:30	0.030	0.033	-
10:31	0.500	0.500	10:31	0.031	0.033	-
10:32	0.500	0.500	10:32	0.032	0.033	-
10:33	0.500	0.500	10:33	0.032	0.032	-
10:34	0.500	0.500	10:34	0.032	0.032	-
10:35	0.500	0.500	10:35	0.033	0.032	-
10:36	0.500	0.500	10:36	0.032	0.032	-
10:37	0.500	0.500	10:37	0.032	0.031	-
10:38	0.500	0.500	10:38	0.032	0.032	-
10:39	0.500	0.500	10:39	0.032	0.032	-
10:40	0.500	0.500	10:40	0.032	0.032	-
10:41	0.500	0.500	10:41	0.033	0.032	-
10:42	0.500	0.500	10:42	0.034	0.032	-
10:43	0.500	0.500	10:43	0.034	0.032	-
10:44	0.500	0.500	10:44	0.036	0.032	-
10:45	0.500	0.500	10:45	0.035	0.033	-
10:46	0.500	0.500	10:46	0.035	0.033	-
10:47	0.500	0.500	10:47	0.035	0.033	-
10:48	0.500	0.500	10:48	0.034	0.033	-
10:49	0.500	0.500	10:49	0.034	0.034	-
10:50	0.500	0.500	10:50	0.034	0.034	-
10:51	0.500	0.500	10:51	0.034	0.034	-
10:52	0.500	0.500	10:52	0.034	0.034	-
10:53	0.500	0.500	10:53	0.035	0.034	-
10:54	0.500	0.500	10:54	0.036	0.034	-
10:55	0.500	0.500	10:55	0.036	0.035	-
10:56	0.500	0.500	10:56	0.036	0.035	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
10:57	0.500	0.500	10:57	0.036	0.035	-
10:58	0.500	0.500	10:58	0.037	0.035	-
10:59	0.500	0.500	10:59	0.037	0.035	-
11:00	0.500	0.500	11:00	0.038	0.035	-
11:01	0.500	0.500	11:01	0.039	0.036	-
11:02	0.500	0.500	11:02	0.038	0.036	-
11:03	0.500	0.500	11:03	0.038	0.036	-
11:04	0.500	0.500	11:04	0.037	0.036	-
11:05	0.500	0.500	11:05	0.037	0.037	-
11:06	0.500	0.500	11:06	0.036	0.037	-
11:07	0.500	0.500	11:07	0.036	0.037	-
11:08	0.500	0.500	11:08	0.036	0.037	-
11:09	0.500	0.500	11:09	0.036	0.037	-
11:10	0.500	0.500	11:10	0.038	0.037	-
11:11	0.500	0.500	11:11	0.038	0.037	-
11:12	0.500	0.500	11:12	0.041	0.037	-
11:13	0.500	0.500	11:13	0.042	0.038	-
11:14	0.500	0.500	11:14	0.039	0.038	-
11:15	0.500	0.500	11:15	0.040	0.038	-
11:16	0.500	0.500	11:16	0.039	0.038	-
11:17	0.500	0.500	11:17	0.039	0.038	-
11:18	0.500	0.500	11:18	0.038	0.038	-
11:19	0.500	0.500	11:19	0.037	0.038	-
11:20	0.500	0.500	11:20	0.037	0.038	-
11:21	0.500	0.500	11:21	0.037	0.038	-
11:22	0.500	0.500	11:22	0.037	0.038	-
11:23	0.500	0.500	11:23	0.038	0.038	-
11:24	0.500	0.500	11:24	0.037	0.038	-
11:25	0.500	0.500	11:25	0.037	0.038	-
11:26	0.500	0.500	11:26	0.037	0.038	-
11:27	0.400	0.493	11:27	0.037	0.038	-
11:28	0.400	0.487	11:28	0.037	0.038	-
11:29	0.400	0.480	11:29	0.039	0.038	-
11:30	0.400	0.473	11:30	0.037	0.038	-
11:31	0.500	0.473	11:31	0.037	0.037	-
11:32	0.500	0.473	11:32	0.036	0.037	-
11:33	0.500	0.473	11:33	0.035	0.037	-
11:34	0.500	0.473	11:34	0.035	0.037	-
11:35	0.400	0.467	11:35	0.034	0.037	-
11:36	0.500	0.467	11:36	0.036	0.037	-
11:37	0.400	0.460	11:37	0.037	0.037	-
11:38	0.400	0.453	11:38	0.038	0.037	-
11:39	0.400	0.447	11:39	0.037	0.037	-
11:40	0.400	0.440	11:40	0.037	0.037	-
11:41	0.400	0.433	11:41	0.035	0.036	-
11:42	0.400	0.433	11:42	0.034	0.036	-
11:43	0.400	0.433	11:43	0.034	0.036	-
11:44	0.400	0.433	11:44	0.035	0.036	-
11:45	0.400	0.433	11:45	0.039	0.036	-
11:46	0.400	0.427	11:46	0.056	0.037	-
11:47	0.400	0.420	11:47	0.041	0.038	-
11:48	0.400	0.413	11:48	0.036	0.038	-
11:49	0.400	0.407	11:49	0.036	0.038	-
11:50	0.400	0.407	11:50	0.035	0.038	-
11:51	0.400	0.400	11:51	0.043	0.038	-
11:52	0.400	0.400	11:52	0.045	0.039	-
11:53	0.400	0.400	11:53	0.062	0.040	-
11:54	0.400	0.400	11:54	0.038	0.040	-
11:55	0.400	0.400	11:55	0.036	0.040	-
11:56	0.400	0.400	11:56	0.037	0.040	-
11:57	0.400	0.400	11:57	0.035	0.041	-
11:58	0.400	0.400	11:58	0.032	0.040	-
11:59	0.400	0.400	11:59	0.033	0.040	-
12:00	0.400	0.400	12:00	0.033	0.040	-
12:01	0.400	0.400	12:01	0.034	0.038	-
12:02	0.400	0.400	12:02	0.034	0.038	-
12:03	0.400	0.400	12:03	0.034	0.038	-
12:04	0.400	0.400	12:04	0.034	0.038	-
12:05	0.400	0.400	12:05	0.035	0.038	-
12:06	0.400	0.400	12:06	0.035	0.037	-
12:07	0.400	0.400	12:07	0.035	0.036	-
12:08	0.400	0.400	12:08	0.037	0.035	-
12:09	0.400	0.400	12:09	0.035	0.035	-
12:10	0.400	0.400	12:10	0.034	0.034	-
12:11	0.400	0.400	12:11	0.035	0.034	-
12:12	0.400	0.400	12:12	0.035	0.034	-
12:13	0.400	0.400	12:13	0.035	0.035	-
12:14	0.400	0.400	12:14	0.032	0.034	-
12:15	0.400	0.400	12:15	0.032	0.034	-
12:16	0.400	0.400	12:16	0.031	0.034	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
12:17	0.400	0.400	12:17	0.032	0.034	-
12:18	0.400	0.400	12:18	0.032	0.034	-
12:19	0.400	0.400	12:19	0.032	0.034	-
12:20	0.400	0.400	12:20	0.032	0.034	-
12:21	0.400	0.400	12:21	0.032	0.033	-
12:22	0.400	0.400	12:22	0.032	0.033	-
12:23	0.400	0.400	12:23	0.033	0.033	-
12:24	0.400	0.400	12:24	0.032	0.033	-
12:25	0.400	0.400	12:25	0.032	0.033	-
12:26	0.400	0.400	12:26	0.032	0.032	-
12:27	0.400	0.400	12:27	0.032	0.032	-
12:28	0.400	0.400	12:28	0.032	0.032	-
12:29	0.400	0.400	12:29	0.032	0.032	-
12:30	0.400	0.400	12:30	0.032	0.032	-
12:31	0.400	0.400	12:31	0.032	0.032	-
12:32	0.400	0.400	12:32	0.032	0.032	-
12:33	0.400	0.400	12:33	0.032	0.032	-
12:34	0.400	0.400	12:34	0.032	0.032	-
12:35	0.400	0.400	12:35	0.033	0.032	-
12:36	0.400	0.400	12:36	0.032	0.032	-
12:37	0.400	0.400	12:37	0.033	0.032	-
12:38	0.400	0.400	12:38	0.034	0.032	-
12:39	0.400	0.400	12:39	0.031	0.032	-
12:40	0.400	0.400	12:40	0.030	0.032	-
12:41	0.400	0.400	12:41	0.030	0.032	-
12:42	0.400	0.400	12:42	0.031	0.032	-
12:43	0.400	0.400	12:43	0.031	0.032	-
12:44	0.400	0.400	12:44	0.030	0.032	-
12:45	0.400	0.400	12:45	0.031	0.032	-
12:46	0.400	0.400	12:46	0.030	0.031	-
12:47	0.400	0.400	12:47	0.030	0.031	-
12:48	0.400	0.400	12:48	0.030	0.031	-
12:49	0.400	0.400	12:49	0.030	0.031	-
12:50	0.400	0.400	12:50	0.031	0.031	-
12:51	0.400	0.400	12:51	0.031	0.031	-
12:52	0.400	0.400	12:52	0.031	0.031	-
12:53	0.400	0.400	12:53	0.031	0.031	-
12:54	0.400	0.400	12:54	0.031	0.031	-
12:55	0.400	0.400	12:55	0.031	0.031	-
12:56	0.400	0.400	12:56	0.032	0.031	-
12:57	0.400	0.400	12:57	0.032	0.031	-
12:58	0.400	0.400	12:58	0.032	0.031	-
12:59	0.400	0.400	12:59	0.032	0.031	-
13:00	0.400	0.400	13:00	0.032	0.031	-
13:01	0.400	0.400	13:01	0.032	0.031	-
13:02	0.400	0.400	13:02	0.032	0.031	-
13:03	0.400	0.400	13:03	0.032	0.031	-
13:04	0.400	0.400	13:04	0.033	0.032	-
13:05	0.400	0.400	13:05	0.033	0.032	-
13:06	0.400	0.400	13:06	0.032	0.032	-
13:07	0.400	0.400	13:07	0.029	0.032	-
13:08	0.400	0.400	13:08	0.029	0.032	-
13:09	0.400	0.400	13:09	0.031	0.032	-
13:10	0.400	0.400	13:10	0.029	0.031	-
13:11	0.400	0.400	13:11	0.029	0.031	-
13:12	0.400	0.400	13:12	0.029	0.031	-
13:13	0.400	0.400	13:13	0.030	0.031	-
13:14	0.400	0.400	13:14	0.030	0.031	-
13:15	0.400	0.400	13:15	0.030	0.031	-
13:16	0.300	0.393	13:16	0.029	0.030	-
13:17	0.300	0.387	13:17	0.029	0.030	-
13:18	0.300	0.380	13:18	0.030	0.030	-
13:19	0.400	0.380	13:19	0.030	0.030	-
13:20	0.400	0.380	13:20	0.029	0.030	-
13:21	0.400	0.380	13:21	0.030	0.030	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
13:22	0.400	0.380	13:22	0.030	0.030	-
13:23	0.400	0.380	13:23	0.030	0.030	-
13:24	0.400	0.380	13:24	0.029	0.030	-
13:25	0.300	0.373	13:25	0.028	0.029	-
13:26	0.300	0.367	13:26	0.029	0.029	-
13:27	0.300	0.360	13:27	0.029	0.029	-
13:28	0.400	0.360	13:28	0.029	0.029	-
13:29	0.300	0.353	13:29	0.029	0.029	-
13:30	0.300	0.347	13:30	0.028	0.029	-
13:31	0.300	0.347	13:31	0.029	0.029	-
13:32	0.300	0.347	13:32	0.029	0.029	-
13:33	0.300	0.347	13:33	0.028	0.029	-
13:34	0.300	0.340	13:34	0.029	0.029	-
13:35	0.300	0.333	13:35	0.028	0.029	-
13:36	0.028	0.309	13:36	0.028	0.029	-
13:37	0.028	0.284	13:37	0.029	0.029	-
13:38	0.028	0.259	13:38	0.029	0.029	-
13:39	0.028	0.234	13:39	0.029	0.029	-
13:40	0.027	0.216	13:40	0.029	0.029	-
13:41	0.027	0.198	13:41	0.028	0.029	-
13:42	0.030	0.180	13:42	0.030	0.029	-
13:43	0.029	0.155	13:43	0.033	0.029	-
13:44	0.029	0.137	13:44	0.031	0.029	-
13:45	0.027	0.119	13:45	0.031	0.029	-
13:46	0.028	0.101	13:46	0.029	0.029	-
13:47	0.028	0.082	13:47	0.027	0.029	-
13:48	0.027	0.064	13:48	0.029	0.029	-
13:49	0.028	0.046	13:49	0.030	0.029	-
13:50	0.027	0.028	13:50	0.028	0.029	-
13:51	0.026	0.028	13:51	0.026	0.029	-
13:52	0.025	0.028	13:52	0.025	0.029	-
13:53	0.025	0.027	13:53	0.025	0.029	-
13:54	0.025	0.027	13:54	0.024	0.028	-
13:55	0.025	0.027	13:55	0.024	0.028	-
13:56	0.025	0.027	13:56	0.024	0.028	-
13:57	0.025	0.027	13:57	0.024	0.027	-
13:58	0.025	0.026	13:58	0.025	0.027	-
13:59	0.024	0.026	13:59	0.024	0.026	-
14:00	0.023	0.026	14:00	0.023	0.026	-
14:01	0.024	0.025	14:01	0.023	0.025	-
14:02	0.024	0.025	14:02	0.024	0.025	-
14:03	0.023	0.025	14:03	0.022	0.025	-
14:04	0.022	0.025	14:04	0.021	0.024	-
14:05	0.022	0.024	14:05	0.021	0.024	-
14:06	0.023	0.024	14:06	0.022	0.023	-
14:07	0.024	0.024	14:07	0.023	0.023	-
14:08			14:08	0.024	0.023	
14:09			14:09	0.024	0.023	
14:10			14:10	0.024	0.023	
14:11			14:11	0.023	0.023	
14:12			14:12	0.023	0.023	
14:13			14:13	0.023	0.023	
14:14			14:14	0.023	0.023	
14:15			14:15	0.022	0.023	
14:16			14:16	0.022	0.023	
14:17			14:17	0.023	0.023	
14:18			14:18	0.022	0.023	

Monday, June 3, 2024						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						379
Start Time:						7:39
End Time:						14:21
PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
7:39			7:39	0.3	0.3	
7:40			7:40	0.0	0.2	
7:41			7:41	0.0	0.1	
7:42			7:42	0.0	0.1	
7:43			7:43	0.0	0.1	
7:44			7:44	0.0	0.1	
7:45			7:45	0.0	0.0	
7:46			7:46	0.0	0.0	
7:47			7:47	0.0	0.0	
7:48			7:48	0.0	0.0	
7:49	0.4	0.4	7:49	0.0	0.0	-
7:50	0.1	0.2	7:50	0.0	0.0	-
7:51	0.0	0.2	7:51	0.0	0.0	-
7:52	0.0	0.1	7:52	0.0	0.0	-
7:53	0.0	0.1	7:53	0.0	0.0	-
7:54	0.0	0.1	7:54	0.0	0.0	-
7:55	0.0	0.1	7:55	0.0	0.0	-
7:56	0.0	0.1	7:56	0.0	0.0	-
7:57	0.0	0.1	7:57	0.0	0.0	-
7:58	0.0	0.1	7:58	0.0	0.0	-
7:59	0.0	0.1	7:59	0.0	0.0	-
8:00	0.0	0.1	8:00	0.0	0.0	-
8:01	0.0	0.1	8:01	0.0	0.0	-
8:02	0.0	0.1	8:02	0.0	0.0	-
8:03	0.0	0.1	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.1	0.0	8:26	0.0	0.0	-
8:27	0.1	0.0	8:27	0.0	0.0	-
8:28	0.1	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.1	0.0	-
9:12	0.0	0.0	9:12	0.1	0.0	-
9:13	0.0	0.0	9:13	0.1	0.0	-
9:14	0.0	0.0	9:14	0.1	0.0	-
9:15	0.0	0.0	9:15	0.1	0.0	-
9:16	0.0	0.0	9:16	0.1	0.0	-
9:17	0.0	0.0	9:17	0.1	0.0	-
9:18	0.0	0.0	9:18	0.1	0.1	-
9:19	0.0	0.0	9:19	0.1	0.1	-
9:20	0.0	0.0	9:20	0.1	0.1	-
9:21	0.0	0.0	9:21	0.1	0.1	-
9:22	0.0	0.0	9:22	0.1	0.1	-
9:23	0.0	0.0	9:23	0.1	0.1	-
9:24	0.0	0.0	9:24	0.2	0.1	-
9:25	0.0	0.0	9:25	0.2	0.1	-
9:26	0.0	0.0	9:26	0.2	0.1	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
9:27	0.0	0.0	9:27	0.2	0.1	-
9:28	0.0	0.0	9:28	0.2	0.1	-
9:29	0.0	0.0	9:29	0.2	0.1	-
9:30	0.0	0.0	9:30	0.2	0.1	-
9:31	0.0	0.0	9:31	0.2	0.2	-
9:32	0.0	0.0	9:32	0.2	0.2	-
9:33	0.0	0.0	9:33	0.2	0.2	-
9:34	0.0	0.0	9:34	0.2	0.2	-
9:35	0.0	0.0	9:35	0.2	0.2	-
9:36	0.0	0.0	9:36	0.2	0.2	-
9:37	0.0	0.0	9:37	0.2	0.2	-
9:38	0.0	0.0	9:38	0.2	0.2	-
9:39	0.0	0.0	9:39	0.2	0.2	-
9:40	0.0	0.0	9:40	0.2	0.2	-
9:41	0.0	0.0	9:41	0.2	0.2	-
9:42	0.0	0.0	9:42	0.2	0.2	-
9:43	0.0	0.0	9:43	0.2	0.2	-
9:44	0.0	0.0	9:44	0.2	0.2	-
9:45	0.0	0.0	9:45	0.2	0.2	-
9:46	0.0	0.0	9:46	0.2	0.2	-
9:47	0.0	0.0	9:47	0.2	0.2	-
9:48	0.0	0.0	9:48	0.2	0.2	-
9:49	0.0	0.0	9:49	0.2	0.2	-
9:50	0.0	0.0	9:50	0.2	0.2	-
9:51	0.0	0.0	9:51	0.2	0.2	-
9:52	0.0	0.0	9:52	0.2	0.2	-
9:53	0.0	0.0	9:53	0.2	0.2	-
9:54	0.0	0.0	9:54	0.2	0.2	-
9:55	0.0	0.0	9:55	0.2	0.2	-
9:56	0.0	0.0	9:56	0.2	0.2	-
9:57	0.0	0.0	9:57	0.2	0.2	-
9:58	0.0	0.0	9:58	0.2	0.2	-
9:59	0.0	0.0	9:59	0.2	0.2	-
10:00	0.0	0.0	10:00	0.3	0.2	-
10:01	0.0	0.0	10:01	0.3	0.2	-
10:02	0.0	0.0	10:02	0.3	0.2	-
10:03	0.0	0.0	10:03	0.3	0.2	-
10:04	0.0	0.0	10:04	0.3	0.2	-
10:05	0.0	0.0	10:05	0.3	0.2	-
10:06	0.0	0.0	10:06	0.3	0.2	-
10:07	0.0	0.0	10:07	0.3	0.3	-
10:08	0.0	0.0	10:08	0.3	0.3	-
10:09	0.0	0.0	10:09	0.3	0.3	-
10:10	0.0	0.0	10:10	0.3	0.3	-
10:11	0.0	0.0	10:11	0.3	0.3	-
10:12	0.0	0.0	10:12	0.3	0.3	-
10:13	0.0	0.0	10:13	0.3	0.3	-
10:14	0.0	0.0	10:14	0.3	0.3	-
10:15	0.0	0.0	10:15	0.4	0.3	-
10:16	0.0	0.0	10:16	0.4	0.3	-
10:17	0.0	0.0	10:17	0.4	0.3	-
10:18	0.0	0.0	10:18	0.4	0.3	-
10:19	0.0	0.0	10:19	0.4	0.3	-
10:20	0.0	0.0	10:20	0.4	0.3	-
10:21	0.0	0.0	10:21	0.4	0.3	-
10:22	0.0	0.0	10:22	0.4	0.3	-
10:23	0.0	0.0	10:23	0.4	0.4	-
10:24	0.0	0.0	10:24	0.3	0.4	-
10:25	0.0	0.0	10:25	0.3	0.4	-
10:26	0.0	0.0	10:26	0.3	0.4	-
10:27	0.0	0.0	10:27	0.3	0.4	-
10:28	0.0	0.0	10:28	0.3	0.4	-
10:29	0.0	0.0	10:29	0.3	0.4	-
10:30	0.0	0.0	10:30	0.3	0.3	-
10:31	0.0	0.0	10:31	0.3	0.3	-
10:32	0.0	0.0	10:32	0.3	0.3	-
10:33	0.0	0.0	10:33	0.3	0.3	-
10:34	0.0	0.0	10:34	0.3	0.3	-
10:35	0.0	0.0	10:35	0.3	0.3	-
10:36	0.0	0.0	10:36	0.3	0.3	-
10:37	0.0	0.0	10:37	0.3	0.3	-
10:38	0.0	0.0	10:38	0.3	0.3	-
10:39	0.0	0.0	10:39	0.3	0.3	-
10:40	0.0	0.0	10:40	0.3	0.3	-
10:41	0.0	0.0	10:41	0.3	0.3	-
10:42	0.0	0.0	10:42	0.3	0.3	-
10:43	0.0	0.0	10:43	0.3	0.3	-
10:44	0.0	0.0	10:44	0.3	0.3	-
10:45	0.0	0.0	10:45	0.3	0.3	-
10:46	0.0	0.0	10:46	0.3	0.3	-
10:47	0.0	0.0	10:47	0.3	0.3	-
10:48	0.0	0.0	10:48	0.3	0.3	-
10:49	0.0	0.0	10:49	0.3	0.3	-
10:50	0.0	0.0	10:50	0.3	0.3	-
10:51	0.0	0.0	10:51	0.3	0.3	-
10:52	0.0	0.0	10:52	0.3	0.3	-
10:53	0.0	0.0	10:53	0.3	0.3	-
10:54	0.0	0.0	10:54	0.3	0.3	-
10:55	0.0	0.0	10:55	0.3	0.3	-
10:56	0.0	0.0	10:56	0.3	0.3	-
10:57	0.0	0.0	10:57	0.3	0.3	-
10:58	0.0	0.0	10:58	0.3	0.3	-
10:59	0.0	0.0	10:59	0.3	0.3	-
11:00	0.0	0.0	11:00	0.3	0.3	-
11:01	0.0	0.0	11:01	0.3	0.3	-
11:02	0.0	0.0	11:02	0.3	0.3	-
11:03	0.0	0.0	11:03	0.3	0.3	-
11:04	0.0	0.0	11:04	0.3	0.3	-
11:05	0.0	0.0	11:05	0.3	0.3	-
11:06	0.0	0.0	11:06	0.3	0.3	-
11:07	0.0	0.0	11:07	0.3	0.3	-
11:08	0.0	0.0	11:08	0.3	0.3	-
11:09	0.0	0.0	11:09	0.3	0.3	-
11:10	0.0	0.0	11:10	0.3	0.3	-
11:11	0.0	0.0	11:11	0.3	0.3	-
11:12	0.0	0.0	11:12	0.4	0.3	-
11:13	0.0	0.0	11:13	0.4	0.3	-
11:14	0.0	0.0	11:14	0.4	0.3	-
11:15	0.0	0.0	11:15	0.3	0.3	-
11:16	0.0	0.0	11:16	0.3	0.3	-
11:17	0.0	0.0	11:17	0.4	0.3	-
11:18	0.0	0.0	11:18	0.4	0.3	-
11:19	0.0	0.0	11:19	0.3	0.3	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
11:20	0.0	0.0	11:20	0.3	0.3	-
11:21	0.0	0.0	11:21	0.3	0.3	-
11:22	0.0	0.0	11:22	0.3	0.3	-
11:23	0.0	0.0	11:23	0.3	0.3	-
11:24	0.0	0.0	11:24	0.3	0.3	-
11:25	0.0	0.0	11:25	0.3	0.3	-
11:26	0.0	0.0	11:26	0.3	0.3	-
11:27	0.0	0.0	11:27	0.3	0.3	-
11:28	0.0	0.0	11:28	0.3	0.3	-
11:29	0.0	0.0	11:29	0.3	0.3	-
11:30	0.0	0.0	11:30	0.3	0.3	-
11:31	0.0	0.0	11:31	0.3	0.3	-
11:32	0.0	0.0	11:32	0.3	0.3	-
11:33	0.0	0.0	11:33	0.3	0.3	-
11:34	0.0	0.0	11:34	0.3	0.3	-
11:35	0.0	0.0	11:35	0.3	0.3	-
11:36	0.0	0.0	11:36	0.3	0.3	-
11:37	0.0	0.0	11:37	0.3	0.3	-
11:38	0.0	0.0	11:38	0.3	0.3	-
11:39	0.0	0.0	11:39	0.3	0.3	-
11:40	0.0	0.0	11:40	0.3	0.3	-
11:41	0.0	0.0	11:41	0.2	0.3	-
11:42	0.0	0.0	11:42	0.3	0.3	-
11:43	0.0	0.0	11:43	0.3	0.3	-
11:44	0.0	0.0	11:44	0.3	0.3	-
11:45	0.0	0.0	11:45	0.3	0.3	-
11:46	0.0	0.0	11:46	0.3	0.3	-
11:47	0.0	0.0	11:47	0.3	0.3	-
11:48	0.0	0.0	11:48	0.3	0.3	-
11:49	0.0	0.0	11:49	0.3	0.3	-
11:50	0.0	0.0	11:50	0.3	0.3	-
11:51	0.0	0.0	11:51	0.3	0.3	-
11:52	0.0	0.0	11:52	0.3	0.3	-
11:53	0.0	0.0	11:53	0.3	0.3	-
11:54	0.0	0.0	11:54	0.3	0.3	-
11:55	0.0	0.0	11:55	0.3	0.3	-
11:56	0.0	0.0	11:56	0.3	0.3	-
11:57	0.0	0.0	11:57	0.3	0.3	-
11:58	0.0	0.0	11:58	0.3	0.3	-
11:59	0.0	0.0	11:59	0.3	0.3	-
12:00	0.0	0.0	12:00	0.2	0.3	-
12:01	0.0	0.0	12:01	0.3	0.3	-
12:02	0.0	0.0	12:02	0.3	0.3	-
12:03	0.0	0.0	12:03	0.3	0.3	-
12:04	0.0	0.0	12:04	0.3	0.3	-
12:05	0.0	0.0	12:05	0.3	0.3	-
12:06	0.0	0.0	12:06	0.3	0.3	-
12:07	0.0	0.0	12:07	0.3	0.3	-
12:08	0.0	0.0	12:08	0.3	0.3	-
12:09	0.0	0.0	12:09	0.3	0.3	-
12:10	0.0	0.0	12:10	0.3	0.3	-
12:11	0.0	0.0	12:11	0.3	0.3	-
12:12	0.0	0.0	12:12	0.3	0.3	-
12:13	0.0	0.0	12:13	0.3	0.3	-
12:14	0.0	0.0	12:14	0.3	0.3	-
12:15	0.0	0.0	12:15	0.3	0.3	-
12:16	0.0	0.0	12:16	0.3	0.3	-
12:17	0.0	0.0	12:17	0.3	0.3	-
12:18	0.0	0.0	12:18	0.3	0.3	-
12:19	0.0	0.0	12:19	0.3	0.3	-
12:20	0.0	0.0	12:20	0.3	0.3	-
12:21	0.0	0.0	12:21	0.3	0.3	-
12:22	0.0	0.0	12:22	0.3	0.3	-
12:23	0.0	0.0	12:23	0.3	0.3	-
12:24	0.0	0.0	12:24	0.3	0.3	-
12:25	0.0	0.0	12:25	0.3	0.3	-
12:26	0.0	0.0	12:26	0.3	0.3	-
12:27	0.0	0.0	12:27	0.3	0.3	-
12:28	0.0	0.0	12:28	0.3	0.3	-
12:29	0.0	0.0	12:29	0.3	0.3	-
12:30	0.0	0.0	12:30	0.3	0.3	-
12:31	0.0	0.0	12:31	0.3	0.3	-
12:32	0.0	0.0	12:32	0.3	0.3	-
12:33	0.0	0.0	12:33	0.3	0.3	-
12:34	0.0	0.0	12:34	0.3	0.3	-
12:35	0.0	0.0	12:35	0.3	0.3	-
12:36	0.0	0.0	12:36	0.3	0.3	-
12:37	0.0	0.0	12:37	0.3	0.3	-
12:38	0.0	0.0	12:38	0.3	0.3	-
12:39	0.0	0.0	12:39	0.3	0.3	-
12:40	0.0	0.0	12:40	0.3	0.3	-
12:41	0.0	0.0	12:41	0.3	0.3	-
12:42	0.0	0.0	12:42	0.3	0.3	-
12:43	0.0	0.0	12:43	0.3	0.3	-
12:44	0.0	0.0	12:44	0.3	0.3	-
12:45	0.0	0.0	12:45	0.3	0.3	-
12:46	0.0	0.0	12:46	0.3	0.3	-
12:47	0.0	0.0	12:47	0.3	0.3	-
12:48	0.0	0.0	12:48	0.3	0.3	-
12:49	0.0	0.0	12:49	0.3	0.3	-
12:50	0.0	0.0	12:50	0.3	0.3	-
12:51	0.0	0.0	12:51	0.3	0.3	-
12:52	0.0	0.0	12:52	0.3	0.3	-
12:53	0.0	0.0	12:53	0.3	0.3	-
12:54	0.0	0.0	12:54	0.3	0.3	-
12:55	0.0	0.0	12:55	0.3	0.3	-
12:56	0.0	0.0	12:56	0.3	0.3	-
12:57	0.0	0.0	12:57	0.3	0.3	-
12:58	0.0	0.0	12:58	0.3	0.3	-
12:59	0.0	0.0	12:59	0.3	0.3	-
13:00	0.0	0.0	13:00	0.3	0.3	-
13:01	0.0	0.0	13:01	0.3	0.3	-
13:02	0.0	0.0	13:02	0.2	0.3	-
13:03	0.0	0.0	13:03	0.2	0.3	-
13:04	0.0	0.0	13:04	0.2	0.3	-
13:05	0.0	0.0	13:05	0.2	0.3	-
13:06	0.0	0.0	13:06	0.2	0.3	-
13:07	0.0	0.0	13:07	0.2	0.3	-
13:08	0.0	0.0	13:08	0.2	0.3	-
13:09	0.0	0.0	13:09	0.2	0.2	-
13:10	0.0	0.0	13:10	0.2	0.2	-
13:11	0.0	0.0	13:11	0.2	0.2	-
13:12	0.0	0.0	13:12	0.2	0.2	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
13:13	0.0	0.0	13:13	0.2	0.2	-
13:14	0.0	0.0	13:14	0.2	0.2	-
13:15	0.0	0.0	13:15	0.2	0.2	-
13:16	0.0	0.0	13:16	0.2	0.2	-
13:17	0.0	0.0	13:17	0.2	0.2	-
13:18	0.0	0.0	13:18	0.2	0.2	-
13:19	0.0	0.0	13:19	0.2	0.2	-
13:20	0.0	0.0	13:20	0.2	0.2	-
13:21	0.0	0.0	13:21	0.2	0.2	-
13:22	0.0	0.0	13:22	0.2	0.2	-
13:23	0.0	0.0	13:23	0.2	0.2	-
13:24	0.0	0.0	13:24	0.2	0.2	-
13:25	0.0	0.0	13:25	0.2	0.2	-
13:26	0.0	0.0	13:26	0.2	0.2	-
13:27	0.0	0.0	13:27	0.2	0.2	-
13:28	0.0	0.0	13:28	0.2	0.2	-
13:29	0.0	0.0	13:29	0.2	0.2	-
13:30	0.0	0.0	13:30	0.2	0.2	-
13:31	0.0	0.0	13:31	0.2	0.2	-
13:32	0.0	0.0	13:32	0.2	0.2	-
13:33	0.0	0.0	13:33	0.2	0.2	-
13:34	0.0	0.0	13:34	0.2	0.2	-
13:35	0.0	0.0	13:35	0.2	0.2	-
13:36	0.0	0.0	13:36	0.2	0.2	-
13:37	0.0	0.0	13:37	0.2	0.2	-
13:38	0.0	0.0	13:38	0.2	0.2	-
13:39	0.0	0.0	13:39	0.2	0.2	-
13:40	0.0	0.0	13:40	0.2	0.2	-
13:41	0.0	0.0	13:41	0.2	0.2	-
13:42	0.0	0.0	13:42	0.2	0.2	-
13:43	0.0	0.0	13:43	0.2	0.2	-
13:44	0.0	0.0	13:44	0.2	0.2	-
13:45	0.0	0.0	13:45	0.2	0.2	-
13:46	0.0	0.0	13:46	0.2	0.2	-
13:47	0.0	0.0	13:47	0.2	0.2	-
13:48	0.0	0.0	13:48	0.2	0.2	-
13:49	0.0	0.0	13:49	0.2	0.2	-
13:50	0.0	0.0	13:50	0.2	0.2	-
13:51	0.0	0.0	13:51	0.2	0.2	-
13:52	0.0	0.0	13:52	0.2	0.2	-
13:53	0.0	0.0	13:53	0.2	0.2	-
13:54	0.0	0.0	13:54	0.2	0.2	-
13:55	0.0	0.0	13:55	0.2	0.2	-
13:56	0.0	0.0	13:56	0.2	0.2	-
13:57	0.0	0.0	13:57	0.2	0.2	-
13:58	0.0	0.0	13:58	0.2	0.2	-
13:59	0.0	0.0	13:59	0.2	0.2	-
14:00	0.0	0.0	14:00	0.2	0.2	-
14:01	0.0	0.0	14:01	0.2	0.2	-
14:02	0.0	0.0	14:02	0.2	0.2	-
14:03	0.0	0.0	14:03	0.1	0.2	-
14:04	0.0	0.0	14:04	0.1	0.2	-
14:05	0.0	0.0	14:05	0.1	0.2	-
14:06	0.0	0.0	14:06	0.1	0.2	-
14:07	0.0	0.0	14:07	0.1	0.2	-
14:08			14:08	0.1	0.2	
14:09			14:09	0.1	0.2	
14:10			14:10	0.1	0.2	
14:11			14:11	0.1	0.1	
14:12			14:12	0.1	0.1	
14:13			14:13	0.1	0.1	
14:14			14:14	0.1	0.1	
14:15			14:15	0.1	0.1	
14:16			14:16	0.1	0.1	
14:17			14:17	0.1	0.1	
14:18			14:18	0.1	0.1	
14:19			14:19	0.1	0.1	
14:20			14:20	0.1	0.1	
14:21			14:21	0.1	0.1	

DAILY FIELD REPORT – Day 002

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, June 04, 2024
PROJECT No.:	170562203	**WEATHER:**	Clear, 65 to 79°F Wind: NE @ 8 – 12 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:30 – 14:30 (8.0 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
Geoprobe 7822 DT
MiniRAE 3000 Photoionization Detector

PRESENT AT SITE:
Langan: Lisa Cristiano, William Bohrer
Coastal Environmental Solutions, Inc. (Coastal): Patrick Slavin

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Geoprobe 7822 DT drill rig to advance two soil borings (SB07 and SB10) to a depth of about 20 feet below grade surface (bgs) in the eastern and northern parts of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID).
    - At SB07, petroleum-like impacts including a naphthalene-like odor, sheen, and a maximum PID reading of 55.0 parts per million (ppm) were observed at about 12 feet bgs.
    - At SB10, petroleum-like impacts including a naphthalene-like odor, sheen, and a maximum PID reading of 40.3 ppm were observed at 18 feet bgs.
- Coastal installed a two 2-inch-diameter monitoring wells (MW07 and MW10) at SB07 and SB10. The monitoring wells were constructed of 10 feet of 20-slot (0.020-inch) polyvinyl chloride (PVC) well screen and a solid PVC riser stick-up.
    - MW07 was screened from 7 to 17 feet bgs.
    - MW10 was screened from 6 to 16 feet bgs.
- Investigation-derived waste was containerized in two 55-gallon steel drums. The drums were labeled and in the eastern and northern parts of the site pending off-site disposal.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, William Bohrer **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Two 55-gallon drums of IDW were generated.

Total IDW Drum Counts	
Soil Cuttings	**Purged Groundwater**
3	0

Anticipated Activities

- Coastal will continue to implement the NAPL Investigation Work Plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, William Bohrer
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Photographs:

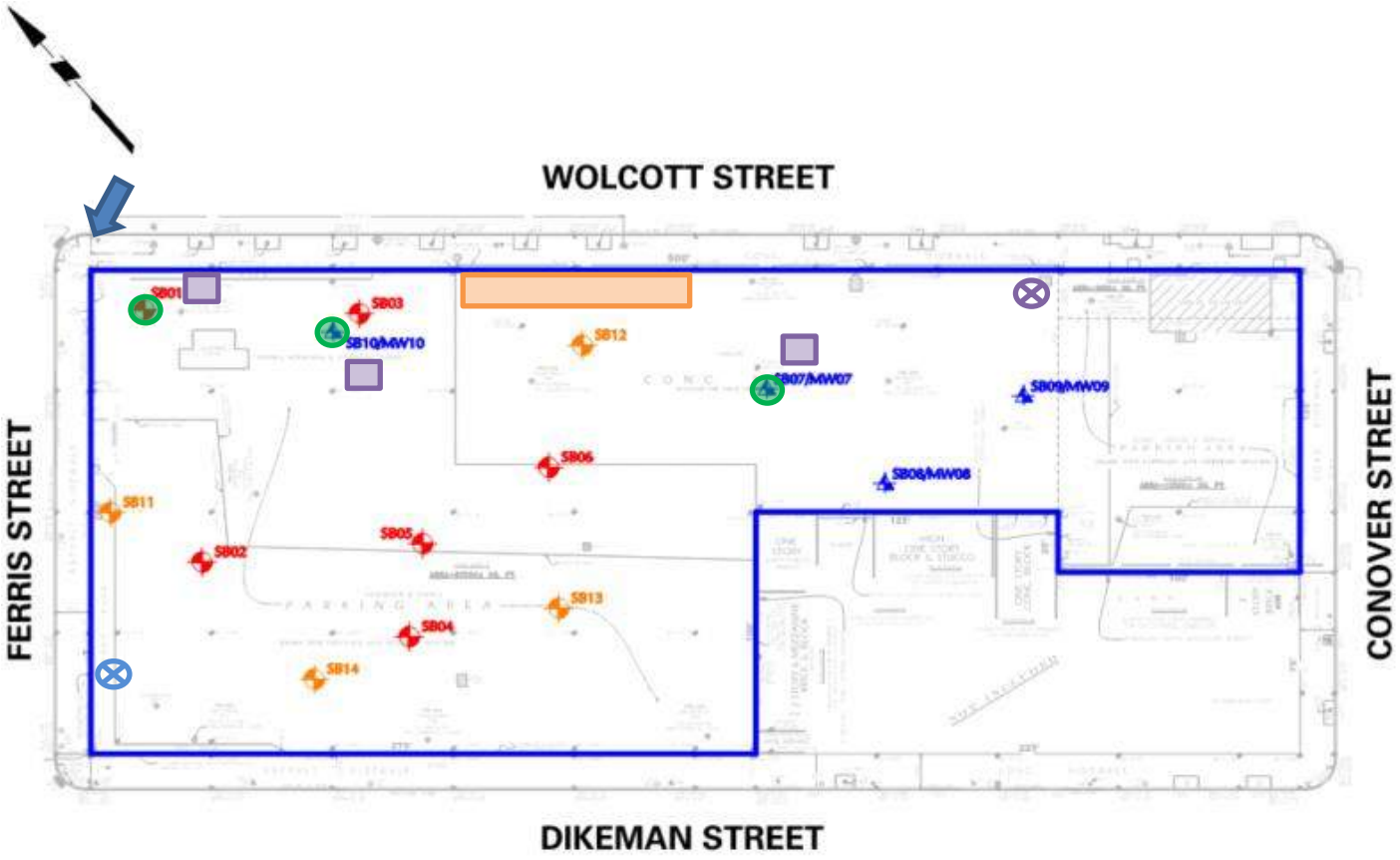
Photo 1: Groundwater monitoring well MW10 post-construction

Photo 2: Groundwater monitoring well MW07 and a 55-gallon drum containing IDW (soil cuttings)

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, William Bohrer
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Upwind CAMP Station
- Downwind CAMP Station
- Wind Direction
- Soil Boring and/or Monitoring Well Completed
- Proposed DNAPL Delineation Soil Boring and Monitoring Well Location
- Proposed Continency DNAPL Delineation Step-Out Soil Boring Location
- Proposed LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, William Bohrer
			Langan Eng, Env, Surv, L.A. & Geo, DPC

LANGAN

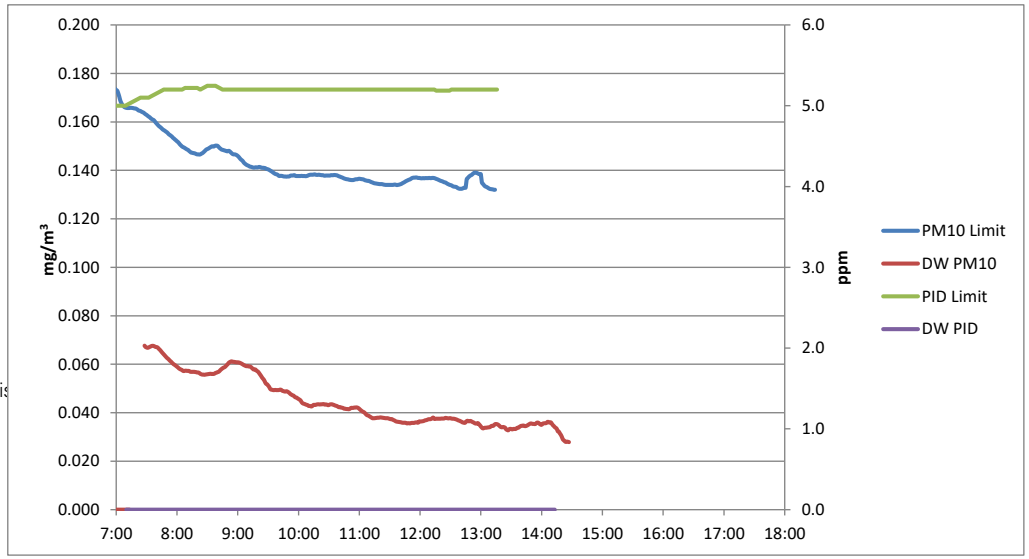
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 6/4/2024
Start: 6:17
End: 14:27
Observer: Lisa Cristiano

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.043	0.043
Minimum 15min Average	0.029	0.028
Maximum 15min Average	0.079	0.068
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.028	0.025
Maximum 1min Reading	0.089	0.063

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwis



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.2	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.2	0.0
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.3	0.0

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

Tuesday, June 4, 2024						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						388
Start Time:						6:38
End Time:						14:27
PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
6:38	0.088		6:38			
6:39	0.083		6:39			
6:40	0.081		6:40			
6:41	0.078		6:41			
6:42	0.075		6:42			
6:43	0.074		6:43			
6:44	0.072		6:44			
6:45	0.071		6:45			
6:46	0.070		6:46			
6:47	0.081		6:47			
6:48	0.086		6:48			
6:49	0.089		6:49			
6:50	0.081		6:50			
6:51	0.078		6:51			
6:52	0.074	0.079	6:52			
6:53	0.071	0.078	6:53			
6:54	0.069	0.077	6:54			
6:55	0.069	0.076	6:55			
6:56	0.068	0.075	6:56			
6:57	0.067	0.075	6:57			
6:58	0.066	0.074	6:58			
6:59	0.064	0.074	6:59			
7:00	0.064	0.073	7:00			
7:01	0.066	0.073	7:01			
7:02	0.065	0.072	7:02			
7:03	0.066	0.070	7:03			
7:04	0.065	0.069	7:04			
7:05	0.066	0.068	7:05			
7:06	0.066	0.067	7:06			
7:07	0.066	0.067	7:07			
7:08	0.065	0.066	7:08			
7:09	0.066	0.066	7:09			
7:10	0.067	0.066	7:10			
7:11	0.067	0.066	7:11			
7:12	0.067	0.066	7:12			
7:13	0.066	0.066	7:13			
7:14	0.065	0.066	7:14	0.077		
7:15	0.064	0.066	7:15	0.072		
7:16	0.065	0.066	7:16	0.070		
7:17	0.064	0.066	7:17	0.067		
7:18	0.064	0.066	7:18	0.065		
7:19	0.065	0.066	7:19	0.064		
7:20	0.063	0.065	7:20	0.064		
7:21	0.062	0.065	7:21	0.064		
7:22	0.061	0.065	7:22	0.066		
7:23	0.063	0.065	7:23	0.068		
7:24	0.064	0.064	7:24	0.067		
7:25	0.063	0.064	7:25	0.067		
7:26	0.064	0.064	7:26	0.066		
7:27	0.064	0.064	7:27	0.070		
7:28	0.061	0.063	7:28	0.068	0.068	-
7:29	0.060	0.063	7:29	0.069	0.067	-
7:30	0.060	0.063	7:30	0.069	0.067	-
7:31	0.060	0.063	7:31	0.068	0.067	-
7:32	0.059	0.062	7:32	0.069	0.067	-
7:33	0.060	0.062	7:33	0.068	0.067	-
7:34	0.059	0.062	7:34	0.067	0.067	-
7:35	0.058	0.061	7:35	0.067	0.068	-
7:36	0.058	0.061	7:36	0.065	0.068	-
7:37	0.058	0.061	7:37	0.065	0.068	-
7:38	0.056	0.060	7:38	0.065	0.067	-
7:39	0.056	0.060	7:39	0.064	0.067	-
7:40	0.056	0.059	7:40	0.066	0.067	-
7:41	0.057	0.059	7:41	0.063	0.067	-
7:42	0.057	0.058	7:42	0.063	0.066	-
7:43	0.056	0.058	7:43	0.062	0.066	-
7:44	0.055	0.058	7:44	0.062	0.066	-
7:45	0.054	0.057	7:45	0.061	0.065	-
7:46	0.054	0.057	7:46	0.061	0.065	-
7:47	0.055	0.057	7:47	0.062	0.064	-
7:48	0.056	0.056	7:48	0.061	0.064	-
7:49	0.054	0.056	7:49	0.060	0.063	-
7:50	0.054	0.056	7:50	0.060	0.063	-
7:51	0.052	0.055	7:51	0.060	0.062	-
7:52	0.051	0.055	7:52	0.059	0.062	-
7:53	0.052	0.055	7:53	0.058	0.061	-
7:54	0.051	0.054	7:54	0.059	0.061	-
7:55	0.051	0.054	7:55	0.059	0.061	-
7:56	0.050	0.053	7:56	0.057	0.060	-
7:57	0.052	0.053	7:57	0.058	0.060	-
7:58	0.050	0.053	7:58	0.058	0.060	-
7:59	0.050	0.052	7:59	0.057	0.059	-
8:00	0.048	0.052	8:00	0.056	0.059	-
8:01	0.049	0.052	8:01	0.056	0.059	-
8:02	0.048	0.051	8:02	0.056	0.058	-
8:03	0.048	0.051	8:03	0.057	0.058	-
8:04	0.048	0.050	8:04	0.057	0.058	-
8:05	0.048	0.050	8:05	0.057	0.058	-
8:06	0.048	0.050	8:06	0.055	0.057	-
8:07	0.048	0.049	8:07	0.058	0.057	-
8:08	0.048	0.049	8:08	0.060	0.057	-
8:09	0.047	0.049	8:09	0.059	0.057	-
8:10	0.047	0.049	8:10	0.058	0.057	-
8:11	0.047	0.048	8:11	0.057	0.057	-
8:12	0.046	0.048	8:12	0.057	0.057	-
8:13	0.045	0.048	8:13	0.054	0.057	-
8:14	0.045	0.047	8:14	0.056	0.057	-
8:15	0.047	0.047	8:15	0.056	0.057	-
8:16	0.047	0.047	8:16	0.056	0.057	-
8:17	0.047	0.047	8:17	0.056	0.057	-
8:18	0.046	0.047	8:18	0.056	0.057	-
8:19	0.045	0.047	8:19	0.056	0.057	-
8:20	0.046	0.047	8:20	0.055	0.057	-
8:21	0.048	0.047	8:21	0.055	0.057	-
8:22	0.047	0.047	8:22	0.055	0.056	-
8:23	0.049	0.047	8:23	0.055	0.056	-
8:24	0.051	0.047	8:24	0.056	0.056	-
8:25	0.050	0.047	8:25	0.056	0.056	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
8:26	0.052	0.047	8:26	0.057	0.056	-
8:27	0.052	0.048	8:27	0.056	0.056	-
8:28	0.051	0.048	8:28	0.055	0.056	-
8:29	0.051	0.049	8:29	0.057	0.056	-
8:30	0.050	0.049	8:30	0.057	0.056	-
8:31	0.050	0.049	8:31	0.057	0.056	-
8:32	0.051	0.049	8:32	0.057	0.056	-
8:33	0.050	0.050	8:33	0.057	0.056	-
8:34	0.049	0.050	8:34	0.055	0.056	-
8:35	0.048	0.050	8:35	0.055	0.056	-
8:36	0.046	0.050	8:36	0.055	0.056	-
8:37	0.050	0.050	8:37	0.057	0.056	-
8:38	0.052	0.050	8:38	0.059	0.056	-
8:39	0.051	0.050	8:39	0.058	0.057	-
8:40	0.049	0.050	8:40	0.059	0.057	-
8:41	0.046	0.050	8:41	0.059	0.057	-
8:42	0.045	0.049	8:42	0.061	0.057	-
8:43	0.046	0.049	8:43	0.062	0.058	-
8:44	0.046	0.049	8:44	0.062	0.058	-
8:45	0.048	0.048	8:45	0.062	0.058	-
8:46	0.048	0.048	8:46	0.061	0.059	-
8:47	0.049	0.048	8:47	0.060	0.059	-
8:48	0.048	0.048	8:48	0.062	0.059	-
8:49	0.047	0.048	8:49	0.062	0.060	-
8:50	0.047	0.048	8:50	0.061	0.060	-
8:51	0.049	0.048	8:51	0.063	0.061	-
8:52	0.047	0.048	8:52	0.062	0.061	-
8:53	0.046	0.047	8:53	0.062	0.061	-
8:54	0.045	0.047	8:54	0.060	0.061	-
8:55	0.044	0.047	8:55	0.056	0.061	-
8:56	0.044	0.047	8:56	0.059	0.061	-
8:57	0.045	0.047	8:57	0.060	0.061	-
8:58	0.044	0.046	8:58	0.061	0.061	-
8:59	0.043	0.046	8:59	0.061	0.061	-
9:00	0.043	0.046	9:00	0.062	0.061	-
9:01	0.042	0.046	9:01	0.060	0.061	-
9:02	0.041	0.045	9:02	0.058	0.061	-
9:03	0.041	0.045	9:03	0.059	0.060	-
9:04	0.042	0.044	9:04	0.059	0.060	-
9:05	0.041	0.044	9:05	0.057	0.060	-
9:06	0.040	0.043	9:06	0.059	0.060	-
9:07	0.041	0.043	9:07	0.059	0.059	-
9:08	0.041	0.042	9:08	0.059	0.059	-
9:09	0.041	0.042	9:09	0.059	0.059	-
9:10	0.041	0.042	9:10	0.057	0.059	-
9:11	0.041	0.042	9:11	0.056	0.059	-
9:12	0.041	0.042	9:12	0.060	0.059	-
9:13	0.043	0.041	9:13	0.058	0.059	-
9:14	0.041	0.041	9:14	0.055	0.058	-
9:15	0.041	0.041	9:15	0.056	0.058	-
9:16	0.041	0.041	9:16	0.056	0.058	-
9:17	0.042	0.041	9:17	0.060	0.058	-
9:18	0.042	0.041	9:18	0.054	0.058	-
9:19	0.041	0.041	9:19	0.053	0.057	-
9:20	0.042	0.041	9:20	0.053	0.057	-
9:21	0.042	0.041	9:21	0.051	0.056	-
9:22	0.040	0.041	9:22	0.050	0.056	-
9:23	0.039	0.041	9:23	0.050	0.055	-
9:24	0.039	0.041	9:24	0.049	0.055	-
9:25	0.041	0.041	9:25	0.049	0.054	-
9:26	0.040	0.041	9:26	0.048	0.053	-
9:27	0.040	0.041	9:27	0.047	0.053	-
9:28	0.039	0.041	9:28	0.048	0.052	-
9:29	0.039	0.041	9:29	0.052	0.052	-
9:30	0.039	0.040	9:30	0.048	0.051	-
9:31	0.038	0.040	9:31	0.048	0.051	-
9:32	0.038	0.040	9:32	0.048	0.050	-
9:33	0.038	0.040	9:33	0.049	0.050	-
9:34	0.037	0.039	9:34	0.052	0.049	-
9:35	0.037	0.039	9:35	0.051	0.049	-
9:36	0.038	0.039	9:36	0.051	0.049	-
9:37	0.036	0.039	9:37	0.051	0.049	-
9:38	0.037	0.038	9:38	0.049	0.049	-
9:39	0.037	0.038	9:39	0.049	0.049	-
9:40	0.036	0.038	9:40	0.049	0.049	-
9:41	0.036	0.038	9:41	0.049	0.049	-
9:42	0.041	0.038	9:42	0.049	0.050	-
9:43	0.039	0.038	9:43	0.046	0.049	-
9:44	0.038	0.038	9:44	0.047	0.049	-
9:45	0.037	0.038	9:45	0.046	0.049	-
9:46	0.037	0.037	9:46	0.046	0.049	-
9:47	0.038	0.037	9:47	0.047	0.049	-
9:48	0.037	0.037	9:48	0.051	0.049	-
9:49	0.038	0.037	9:49	0.050	0.049	-
9:50	0.037	0.037	9:50	0.047	0.048	-
9:51	0.039	0.038	9:51	0.046	0.048	-
9:52	0.040	0.038	9:52	0.045	0.048	-
9:53	0.038	0.038	9:53	0.045	0.047	-
9:54	0.037	0.038	9:54	0.045	0.047	-
9:55	0.037	0.038	9:55	0.047	0.047	-
9:56	0.037	0.038	9:56	0.043	0.047	-
9:57	0.037	0.038	9:57	0.044	0.046	-
9:58	0.038	0.038	9:58	0.045	0.046	-
9:59	0.038	0.038	9:59	0.042	0.046	-
10:00	0.037	0.038	10:00	0.042	0.046	-
10:01	0.037	0.038	10:01	0.042	0.045	-
10:02	0.038	0.038	10:02	0.042	0.045	-
10:03	0.038	0.038	10:03	0.041	0.044	-
10:04	0.037	0.038	10:04	0.043	0.044	-
10:05	0.037	0.038	10:05	0.044	0.044	-
10:06	0.039	0.038	10:06	0.044	0.044	-
10:07	0.039	0.038	10:07	0.042	0.043	-
10:08	0.039	0.038	10:08	0.043	0.043	-
10:09	0.039	0.038	10:09	0.043	0.043	-
10:10	0.040	0.038	10:10	0.042	0.043	-
10:11	0.039	0.038	10:11	0.043	0.043	-
10:12	0.038	0.038	10:12	0.042	0.043	-
10:13	0.038	0.038	10:13	0.044	0.043	-
10:14	0.038	0.038	10:14	0.047	0.043	-
10:15	0.038	0.038	10:15	0.047	0.043	-
10:16	0.038	0.038	10:16	0.041	0.043	-
10:17	0.036	0.038	10:17	0.043	0.043	-
10:18	0.037	0.038	10:18	0.043	0.043	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
10:19	0.037	0.038	10:19	0.044	0.043	-
10:20	0.038	0.038	10:20	0.044	0.043	-
10:21	0.038	0.038	10:21	0.043	0.043	-
10:22	0.038	0.038	10:22	0.043	0.043	-
10:23	0.038	0.038	10:23	0.043	0.043	-
10:24	0.039	0.038	10:24	0.044	0.044	-
10:25	0.038	0.038	10:25	0.042	0.044	-
10:26	0.038	0.038	10:26	0.040	0.043	-
10:27	0.039	0.038	10:27	0.043	0.043	-
10:28	0.038	0.038	10:28	0.043	0.043	-
10:29	0.038	0.038	10:29	0.044	0.043	-
10:30	0.038	0.038	10:30	0.048	0.043	-
10:31	0.038	0.038	10:31	0.044	0.043	-
10:32	0.038	0.038	10:32	0.044	0.043	-
10:33	0.037	0.038	10:33	0.043	0.043	-
10:34	0.037	0.038	10:34	0.042	0.043	-
10:35	0.039	0.038	10:35	0.042	0.043	-
10:36	0.038	0.038	10:36	0.040	0.043	-
10:37	0.037	0.038	10:37	0.041	0.043	-
10:38	0.037	0.038	10:38	0.041	0.043	-
10:39	0.036	0.038	10:39	0.040	0.042	-
10:40	0.035	0.038	10:40	0.039	0.042	-
10:41	0.036	0.037	10:41	0.041	0.042	-
10:42	0.036	0.037	10:42	0.040	0.042	-
10:43	0.036	0.037	10:43	0.042	0.042	-
10:44	0.035	0.037	10:44	0.042	0.042	-
10:45	0.035	0.037	10:45	0.044	0.042	-
10:46	0.036	0.037	10:46	0.044	0.042	-
10:47	0.036	0.036	10:47	0.042	0.042	-
10:48	0.036	0.036	10:48	0.043	0.042	-
10:49	0.036	0.036	10:49	0.041	0.041	-
10:50	0.037	0.036	10:50	0.042	0.041	-
10:51	0.037	0.036	10:51	0.044	0.042	-
10:52	0.036	0.036	10:52	0.045	0.042	-
10:53	0.037	0.036	10:53	0.041	0.042	-
10:54	0.036	0.036	10:54	0.040	0.042	-
10:55	0.037	0.036	10:55	0.041	0.042	-
10:56	0.038	0.036	10:56	0.041	0.042	-
10:57	0.037	0.036	10:57	0.041	0.042	-
10:58	0.036	0.036	10:58	0.041	0.042	-
10:59	0.037	0.036	10:59	0.039	0.042	-
11:00	0.036	0.037	11:00	0.039	0.042	-
11:01	0.035	0.036	11:01	0.038	0.041	-
11:02	0.035	0.036	11:02	0.037	0.041	-
11:03	0.035	0.036	11:03	0.038	0.041	-
11:04	0.035	0.036	11:04	0.038	0.040	-
11:05	0.034	0.036	11:05	0.038	0.040	-
11:06	0.034	0.036	11:06	0.038	0.040	-
11:07	0.035	0.036	11:07	0.038	0.039	-
11:08	0.035	0.036	11:08	0.037	0.039	-
11:09	0.036	0.036	11:09	0.038	0.039	-
11:10	0.035	0.036	11:10	0.037	0.039	-
11:11	0.035	0.035	11:11	0.037	0.038	-
11:12	0.034	0.035	11:12	0.037	0.038	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
11:13	0.034	0.035	11:13	0.037	0.038	-
11:14	0.034	0.035	11:14	0.039	0.038	-
11:15	0.034	0.035	11:15	0.039	0.038	-
11:16	0.034	0.035	11:16	0.039	0.038	-
11:17	0.034	0.035	11:17	0.038	0.038	-
11:18	0.034	0.034	11:18	0.039	0.038	-
11:19	0.034	0.034	11:19	0.038	0.038	-
11:20	0.033	0.034	11:20	0.039	0.038	-
11:21	0.034	0.034	11:21	0.039	0.038	-
11:22	0.035	0.034	11:22	0.037	0.038	-
11:23	0.034	0.034	11:23	0.036	0.038	-
11:24	0.034	0.034	11:24	0.037	0.038	-
11:25	0.034	0.034	11:25	0.036	0.038	-
11:26	0.034	0.034	11:26	0.036	0.038	-
11:27	0.034	0.034	11:27	0.037	0.038	-
11:28	0.034	0.034	11:28	0.037	0.038	-
11:29	0.034	0.034	11:29	0.037	0.038	-
11:30	0.034	0.034	11:30	0.037	0.037	-
11:31	0.034	0.034	11:31	0.037	0.037	-
11:32	0.034	0.034	11:32	0.039	0.037	-
11:33	0.034	0.034	11:33	0.035	0.037	-
11:34	0.035	0.034	11:34	0.035	0.037	-
11:35	0.034	0.034	11:35	0.036	0.037	-
11:36	0.033	0.034	11:36	0.035	0.036	-
11:37	0.033	0.034	11:37	0.035	0.036	-
11:38	0.035	0.034	11:38	0.035	0.036	-
11:39	0.035	0.034	11:39	0.036	0.036	-
11:40	0.036	0.034	11:40	0.035	0.036	-
11:41	0.036	0.034	11:41	0.035	0.036	-
11:42	0.037	0.035	11:42	0.035	0.036	-
11:43	0.038	0.035	11:43	0.036	0.036	-
11:44	0.037	0.035	11:44	0.037	0.036	-
11:45	0.038	0.035	11:45	0.037	0.036	-
11:46	0.038	0.036	11:46	0.036	0.036	-
11:47	0.037	0.036	11:47	0.036	0.036	-
11:48	0.037	0.036	11:48	0.036	0.036	-
11:49	0.038	0.036	11:49	0.035	0.036	-
11:50	0.036	0.036	11:50	0.035	0.036	-
11:51	0.037	0.037	11:51	0.037	0.036	-
11:52	0.037	0.037	11:52	0.036	0.036	-
11:53	0.037	0.037	11:53	0.035	0.036	-
11:54	0.036	0.037	11:54	0.036	0.036	-
11:55	0.036	0.037	11:55	0.037	0.036	-
11:56	0.037	0.037	11:56	0.036	0.036	-
11:57	0.036	0.037	11:57	0.035	0.036	-
11:58	0.036	0.037	11:58	0.034	0.036	-
11:59	0.037	0.037	11:59	0.045	0.036	-
12:00	0.037	0.037	12:00	0.037	0.036	-
12:01	0.037	0.037	12:01	0.036	0.036	-
12:02	0.037	0.037	12:02	0.037	0.036	-
12:03	0.038	0.037	12:03	0.037	0.037	-
12:04	0.037	0.037	12:04	0.037	0.037	-
12:05	0.037	0.037	12:05	0.038	0.037	-
12:06	0.037	0.037	12:06	0.038	0.037	-
12:07	0.037	0.037	12:07	0.038	0.037	-
12:08	0.037	0.037	12:08	0.038	0.037	-
12:09	0.037	0.037	12:09	0.037	0.037	-
12:10	0.035	0.037	12:10	0.037	0.037	-
12:11	0.037	0.037	12:11	0.038	0.037	-
12:12	0.037	0.037	12:12	0.039	0.038	-
12:13	0.036	0.037	12:13	0.038	0.038	-
12:14	0.036	0.037	12:14	0.037	0.037	-
12:15	0.035	0.037	12:15	0.037	0.037	-
12:16	0.034	0.036	12:16	0.037	0.038	-
12:17	0.035	0.036	12:17	0.037	0.038	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
12:18	0.035	0.036	12:18	0.037	0.038	-
12:19	0.034	0.036	12:19	0.037	0.038	-
12:20	0.034	0.036	12:20	0.038	0.038	-
12:21	0.035	0.036	12:21	0.039	0.038	-
12:22	0.035	0.035	12:22	0.038	0.038	-
12:23	0.034	0.035	12:23	0.038	0.038	-
12:24	0.034	0.035	12:24	0.038	0.038	-
12:25	0.034	0.035	12:25	0.040	0.038	-
12:26	0.033	0.035	12:26	0.037	0.038	-
12:27	0.033	0.034	12:27	0.038	0.038	-
12:28	0.033	0.034	12:28	0.037	0.038	-
12:29	0.033	0.034	12:29	0.038	0.038	-
12:30	0.033	0.034	12:30	0.037	0.038	-
12:31	0.032	0.034	12:31	0.035	0.038	-
12:32	0.031	0.034	12:32	0.036	0.038	-
12:33	0.032	0.033	12:33	0.037	0.038	-
12:34	0.033	0.033	12:34	0.036	0.037	-
12:35	0.033	0.033	12:35	0.036	0.037	-
12:36	0.033	0.033	12:36	0.037	0.037	-
12:37	0.030	0.033	12:37	0.035	0.037	-
12:38	0.031	0.033	12:38	0.035	0.037	-
12:39	0.032	0.032	12:39	0.036	0.037	-
12:40	0.034	0.032	12:40	0.037	0.036	-
12:41	0.033	0.032	12:41	0.034	0.036	-
12:42	0.035	0.033	12:42	0.034	0.036	-
12:43	0.036	0.033	12:43	0.036	0.036	-
12:44	0.035	0.033	12:44	0.036	0.036	-
12:45	0.033	0.033	12:45	0.041	0.036	-
12:46	0.083	0.036	12:46	0.042	0.037	-
12:47	0.039	0.037	12:47	0.038	0.037	-
12:48	0.039	0.037	12:48	0.034	0.036	-
12:49	0.039	0.038	12:49	0.037	0.037	-
12:50	0.037	0.038	12:50	0.037	0.037	-
12:51	0.036	0.038	12:51	0.033	0.036	-
12:52	0.036	0.039	12:52	0.032	0.036	-
12:53	0.036	0.039	12:53	0.032	0.036	-
12:54	0.035	0.039	12:54	0.032	0.036	-
12:55	0.033	0.039	12:55	0.035	0.036	-
12:56	0.032	0.039	12:56	0.034	0.036	-
12:57	0.032	0.039	12:57	0.037	0.036	-
12:58	0.033	0.039	12:58	0.030	0.035	-
12:59	0.033	0.038	12:59	0.029	0.035	-
13:00	0.033	0.038	13:00	0.033	0.034	-
13:01	0.032	0.035	13:01	0.035	0.034	-
13:02	0.031	0.034	13:02	0.033	0.034	-
13:03	0.031	0.034	13:03	0.036	0.034	-
13:04	0.032	0.033	13:04	0.039	0.034	-
13:05	0.034	0.033	13:05	0.037	0.034	-
13:06	0.033	0.033	13:06	0.034	0.034	-
13:07	0.032	0.033	13:07	0.033	0.034	-
13:08	0.032	0.033	13:08	0.033	0.034	-
13:09	0.032	0.032	13:09	0.033	0.034	-
13:10	0.032	0.032	13:10	0.040	0.034	-
13:11	0.031	0.032	13:11	0.037	0.035	-
13:12	0.031	0.032	13:12	0.036	0.035	-
13:13	0.031	0.032	13:13	0.035	0.035	-
13:14	0.033	0.032	13:14	0.035	0.035	-
13:15	0.033	0.032	13:15	0.034	0.035	-
13:16	0.033	0.032	13:16	0.034	0.035	-
13:17	0.033	0.032	13:17	0.030	0.035	-
13:18	0.032	0.032	13:18	0.031	0.035	-
13:19	0.032	0.032	13:19	0.033	0.034	-
13:20	0.033	0.032	13:20	0.033	0.034	-
13:21	0.034	0.032	13:21	0.033	0.034	-
13:22	0.033	0.032	13:22	0.035	0.034	-
13:23	0.034	0.032	13:23	0.031	0.034	-
13:24	0.034	0.033	13:24	0.030	0.034	-
13:25	0.033	0.033	13:25	0.030	0.033	-
13:26	0.034	0.033	13:26	0.034	0.033	-
13:27	0.034	0.033	13:27	0.033	0.033	-
13:28	0.034	0.033	13:28	0.042	0.033	-
13:29	0.033	0.033	13:29	0.037	0.033	-
13:30	0.034	0.033	13:30	0.033	0.033	-
13:31	0.033	0.033	13:31	0.032	0.033	-
13:32	0.033	0.033	13:32	0.032	0.033	-
13:33	0.034	0.033	13:33	0.032	0.033	-
13:34	0.034	0.034	13:34	0.032	0.033	-
13:35	0.033	0.034	13:35	0.036	0.033	-
13:36	0.033	0.034	13:36	0.038	0.034	-
13:37	0.033	0.034	13:37	0.035	0.034	-
13:38	0.032	0.033	13:38	0.036	0.034	-
13:39	0.032	0.033	13:39	0.034	0.034	-
13:40	0.033	0.033	13:40	0.033	0.035	-
13:41	0.032	0.033	13:41	0.034	0.035	-
13:42	0.030	0.033	13:42	0.035	0.035	-
13:43	0.029	0.033	13:43	0.039	0.035	-
13:44	0.029	0.032	13:44	0.036	0.034	-
13:45	0.029	0.032	13:45	0.035	0.035	-
13:46	0.030	0.032	13:46	0.035	0.035	-
13:47	0.029	0.031	13:47	0.036	0.035	-
13:48	0.029	0.031	13:48	0.036	0.035	-
13:49	0.028	0.031	13:49	0.035	0.036	-
13:50	0.028	0.030	13:50	0.036	0.036	-
13:51	0.029	0.030	13:51	0.036	0.035	-
13:52	0.028	0.030	13:52	0.035	0.035	-
13:53	0.029	0.030	13:53	0.035	0.035	-
13:54	0.028	0.029	13:54	0.035	0.035	-
13:55	0.068	0.032	13:55	0.039	0.036	-
13:56			13:56	0.036	0.036	
13:57			13:57	0.033	0.036	
13:58			13:58	0.033	0.035	
13:59			13:59	0.032	0.035	
14:00			14:00	0.033	0.035	
14:01			14:01	0.042	0.035	
14:02			14:02	0.038	0.036	
14:03			14:03	0.037	0.036	
14:04			14:04	0.035	0.036	
14:05			14:05	0.039	0.036	
14:06			14:06	0.042	0.036	
14:07			14:07	0.032	0.036	
14:08			14:08	0.033	0.036	
14:09			14:09	0.037	0.036	
14:10			14:10	0.031	0.036	

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
14:11			14:11	0.027	0.035	
14:12			14:12	0.027	0.035	
14:13			14:13	0.026	0.034	
14:14			14:14	0.027	0.034	
14:15			14:15	0.027	0.033	
14:16			14:16	0.027	0.032	
14:17			14:17	0.036	0.032	
14:18			14:18	0.026	0.031	
14:19			14:19	0.026	0.031	
14:20			14:20	0.026	0.030	
14:21			14:21	0.027	0.029	
14:22			14:22	0.026	0.029	
14:23			14:23	0.027	0.028	
14:24			14:24	0.033	0.028	
14:25			14:25	0.033	0.028	
14:26			14:26	0.026	0.028	
14:27			14:27	0.025	0.028	

Tuesday, June 4, 2024						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						379
Start Time:						6:17
End Time:						14:13
PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
6:17	0.0		6:17			
6:18	0.0		6:18			
6:19	0.0		6:19			
6:20	0.0		6:20			
6:21	0.0		6:21			
6:22	0.0		6:22			
6:23	0.0		6:23			
6:24	0.0		6:24			
6:25	0.0		6:25			
6:26	0.0		6:26			
6:27	0.0		6:27			
6:28	0.0		6:28			
6:29	0.0		6:29			
6:30	0.0		6:30			
6:31	0.0	0.0	6:31			
6:32	0.0	0.0	6:32			
6:33	0.0	0.0	6:33			
6:34	0.0	0.0	6:34			
6:35	0.0	0.0	6:35			
6:36	0.0	0.0	6:36			
6:37	0.0	0.0	6:37			
6:38	0.0	0.0	6:38			
6:39	0.0	0.0	6:39			
6:40	0.0	0.0	6:40			
6:41	0.0	0.0	6:41			
6:42	0.0	0.0	6:42			
6:43	0.0	0.0	6:43			
6:44	0.0	0.0	6:44			
6:45	0.0	0.0	6:45			
6:46	0.0	0.0	6:46			
6:47	0.0	0.0	6:47			
6:48	0.0	0.0	6:48			
6:49	0.0	0.0	6:49			
6:50	0.0	0.0	6:50			
6:51	0.0	0.0	6:51			
6:52	0.0	0.0	6:52			
6:53	0.0	0.0	6:53			
6:54	0.0	0.0	6:54			
6:55	0.0	0.0	6:55			
6:56	0.0	0.0	6:56	0.0		
6:57	0.0	0.0	6:57	0.0		
6:58	0.0	0.0	6:58	0.0		
6:59	0.0	0.0	6:59	0.0		
7:00	0.0	0.0	7:00	0.0		
7:01	0.0	0.0	7:01	0.0		
7:02	0.0	0.0	7:02	0.0		
7:03	0.0	0.0	7:03	0.0		
7:04	0.0	0.0	7:04	0.0		
7:05	0.0	0.0	7:05	0.0		
7:06	0.0	0.0	7:06	0.0		
7:07	0.0	0.0	7:07	0.0		
7:08	0.0	0.0	7:08	0.0		
7:09	0.0	0.0	7:09	0.0		
7:10	0.1	0.0	7:10	0.0	0.0	-
7:11	0.1	0.0	7:11	0.0	0.0	-
7:12	0.1	0.0	7:12	0.0	0.0	-
7:13	0.1	0.0	7:13	0.0	0.0	-
7:14	0.1	0.0	7:14	0.0	0.0	-
7:15	0.1	0.0	7:15	0.0	0.0	-
7:16	0.1	0.0	7:16	0.0	0.0	-
7:17	0.1	0.1	7:17	0.0	0.0	-
7:18	0.1	0.1	7:18	0.0	0.0	-
7:19	0.1	0.1	7:19	0.0	0.0	-
7:20	0.1	0.1	7:20	0.0	0.0	-
7:21	0.1	0.1	7:21	0.0	0.0	-
7:22	0.1	0.1	7:22	0.0	0.0	-
7:23	0.1	0.1	7:23	0.0	0.0	-
7:24	0.1	0.1	7:24	0.0	0.0	-
7:25	0.1	0.1	7:25	0.0	0.0	-
7:26	0.1	0.1	7:26	0.0	0.0	-
7:27	0.1	0.1	7:27	0.0	0.0	-
7:28	0.1	0.1	7:28	0.0	0.0	-
7:29	0.1	0.1	7:29	0.0	0.0	-
7:30	0.1	0.1	7:30	0.0	0.0	-
7:31	0.1	0.1	7:31	0.0	0.0	-
7:32	0.1	0.1	7:32	0.0	0.0	-
7:33	0.2	0.1	7:33	0.0	0.0	-
7:34	0.2	0.1	7:34	0.0	0.0	-
7:35	0.2	0.1	7:35	0.0	0.0	-
7:36	0.2	0.1	7:36	0.0	0.0	-
7:37	0.2	0.1	7:37	0.0	0.0	-
7:38	0.2	0.1	7:38	0.0	0.0	-
7:39	0.2	0.1	7:39	0.0	0.0	-
7:40	0.2	0.2	7:40	0.0	0.0	-
7:41	0.2	0.2	7:41	0.0	0.0	-
7:42	0.2	0.2	7:42	0.0	0.0	-
7:43	0.2	0.2	7:43	0.0	0.0	-
7:44	0.2	0.2	7:44	0.0	0.0	-
7:45	0.2	0.2	7:45	0.0	0.0	-
7:46	0.2	0.2	7:46	0.0	0.0	-
7:47	0.2	0.2	7:47	0.0	0.0	-
7:48	0.2	0.2	7:48	0.0	0.0	-
7:49	0.2	0.2	7:49	0.0	0.0	-
7:50	0.2	0.2	7:50	0.0	0.0	-
7:51	0.2	0.2	7:51	0.0	0.0	-
7:52	0.2	0.2	7:52	0.0	0.0	-
7:53	0.2	0.2	7:53	0.0	0.0	-
7:54	0.2	0.2	7:54	0.0	0.0	-
7:55	0.2	0.2	7:55	0.0	0.0	-
7:56	0.2	0.2	7:56	0.0	0.0	-
7:57	0.2	0.2	7:57	0.0	0.0	-
7:58	0.2	0.2	7:58	0.0	0.0	-
7:59	0.2	0.2	7:59	0.0	0.0	-
8:00	0.2	0.2	8:00	0.0	0.0	-
8:01	0.2	0.2	8:01	0.0	0.0	-
8:02	0.2	0.2	8:02	0.0	0.0	-
8:03	0.2	0.2	8:03	0.0	0.0	-
8:04	0.2	0.2	8:04	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
8:05	0.2	0.2	8:05	0.0	0.0	-
8:06	0.3	0.2	8:06	0.0	0.0	-
8:07	0.3	0.2	8:07	0.0	0.0	-
8:08	0.3	0.2	8:08	0.0	0.0	-
8:09	0.2	0.2	8:09	0.0	0.0	-
8:10	0.2	0.2	8:10	0.0	0.0	-
8:11	0.2	0.2	8:11	0.0	0.0	-
8:12	0.2	0.2	8:12	0.0	0.0	-
8:13	0.2	0.2	8:13	0.0	0.0	-
8:14	0.2	0.2	8:14	0.0	0.0	-
8:15	0.2	0.2	8:15	0.0	0.0	-
8:16	0.2	0.2	8:16	0.0	0.0	-
8:17	0.2	0.2	8:17	0.0	0.0	-
8:18	0.2	0.2	8:18	0.0	0.0	-
8:19	0.2	0.2	8:19	0.0	0.0	-
8:20	0.2	0.2	8:20	0.0	0.0	-
8:21	0.2	0.2	8:21	0.0	0.0	-
8:22	0.2	0.2	8:22	0.0	0.0	-
8:23	0.2	0.2	8:23	0.0	0.0	-
8:24	0.3	0.2	8:24	0.0	0.0	-
8:25	0.3	0.2	8:25	0.0	0.0	-
8:26	0.3	0.2	8:26	0.0	0.0	-
8:27	0.3	0.2	8:27	0.0	0.0	-
8:28	0.3	0.2	8:28	0.0	0.0	-
8:29	0.3	0.2	8:29	0.0	0.0	-
8:30	0.3	0.2	8:30	0.0	0.0	-
8:31	0.2	0.2	8:31	0.0	0.0	-
8:32	0.2	0.2	8:32	0.0	0.0	-
8:33	0.2	0.2	8:33	0.0	0.0	-
8:34	0.2	0.2	8:34	0.0	0.0	-
8:35	0.2	0.2	8:35	0.0	0.0	-
8:36	0.2	0.2	8:36	0.0	0.0	-
8:37	0.2	0.2	8:37	0.0	0.0	-
8:38	0.2	0.2	8:38	0.0	0.0	-
8:39	0.2	0.2	8:39	0.0	0.0	-
8:40	0.2	0.2	8:40	0.0	0.0	-
8:41	0.2	0.2	8:41	0.0	0.0	-
8:42	0.2	0.2	8:42	0.0	0.0	-
8:43	0.2	0.2	8:43	0.0	0.0	-
8:44	0.2	0.2	8:44	0.0	0.0	-
8:45	0.2	0.2	8:45	0.0	0.0	-
8:46	0.2	0.2	8:46	0.0	0.0	-
8:47	0.2	0.2	8:47	0.0	0.0	-
8:48	0.2	0.2	8:48	0.0	0.0	-
8:49	0.2	0.2	8:49	0.0	0.0	-
8:50	0.2	0.2	8:50	0.0	0.0	-
8:51	0.2	0.2	8:51	0.0	0.0	-
8:52	0.2	0.2	8:52	0.0	0.0	-
8:53	0.2	0.2	8:53	0.0	0.0	-
8:54	0.2	0.2	8:54	0.0	0.0	-
8:55	0.2	0.2	8:55	0.0	0.0	-
8:56	0.2	0.2	8:56	0.0	0.0	-
8:57	0.2	0.2	8:57	0.0	0.0	-
8:58	0.2	0.2	8:58	0.0	0.0	-
8:59	0.2	0.2	8:59	0.0	0.0	-
9:00	0.2	0.2	9:00	0.0	0.0	-
9:01	0.2	0.2	9:01	0.0	0.0	-
9:02	0.2	0.2	9:02	0.0	0.0	-
9:03	0.2	0.2	9:03	0.0	0.0	-
9:04	0.2	0.2	9:04	0.0	0.0	-
9:05	0.2	0.2	9:05	0.0	0.0	-
9:06	0.2	0.2	9:06	0.0	0.0	-
9:07	0.2	0.2	9:07	0.0	0.0	-
9:08	0.2	0.2	9:08	0.0	0.0	-
9:09	0.2	0.2	9:09	0.0	0.0	-
9:10	0.2	0.2	9:10	0.0	0.0	-
9:11	0.2	0.2	9:11	0.0	0.0	-
9:12	0.2	0.2	9:12	0.0	0.0	-
9:13	0.2	0.2	9:13	0.0	0.0	-
9:14	0.2	0.2	9:14	0.0	0.0	-
9:15	0.2	0.2	9:15	0.0	0.0	-
9:16	0.2	0.2	9:16	0.0	0.0	-
9:17	0.2	0.2	9:17	0.0	0.0	-
9:18	0.2	0.2	9:18	0.0	0.0	-
9:19	0.2	0.2	9:19	0.0	0.0	-
9:20	0.2	0.2	9:20	0.0	0.0	-
9:21	0.2	0.2	9:21	0.0	0.0	-
9:22	0.2	0.2	9:22	0.0	0.0	-
9:23	0.2	0.2	9:23	0.0	0.0	-
9:24	0.2	0.2	9:24	0.0	0.0	-
9:25	0.2	0.2	9:25	0.0	0.0	-
9:26	0.2	0.2	9:26	0.0	0.0	-
9:27	0.2	0.2	9:27	0.0	0.0	-
9:28	0.2	0.2	9:28	0.0	0.0	-
9:29	0.2	0.2	9:29	0.0	0.0	-
9:30	0.2	0.2	9:30	0.0	0.0	-
9:31	0.2	0.2	9:31	0.0	0.0	-
9:32	0.2	0.2	9:32	0.0	0.0	-
9:33	0.2	0.2	9:33	0.0	0.0	-
9:34	0.2	0.2	9:34	0.0	0.0	-
9:35	0.2	0.2	9:35	0.0	0.0	-
9:36	0.2	0.2	9:36	0.0	0.0	-
9:37	0.2	0.2	9:37	0.0	0.0	-
9:38	0.2	0.2	9:38	0.0	0.0	-
9:39	0.2	0.2	9:39	0.0	0.0	-
9:40	0.2	0.2	9:40	0.0	0.0	-
9:41	0.2	0.2	9:41	0.0	0.0	-
9:42	0.2	0.2	9:42	0.0	0.0	-
9:43	0.2	0.2	9:43	0.0	0.0	-
9:44	0.2	0.2	9:44	0.0	0.0	-
9:45	0.2	0.2	9:45	0.0	0.0	-
9:46	0.2	0.2	9:46	0.0	0.0	-
9:47	0.2	0.2	9:47	0.0	0.0	-
9:48	0.2	0.2	9:48	0.0	0.0	-
9:49	0.2	0.2	9:49	0.0	0.0	-
9:50	0.2	0.2	9:50	0.0	0.0	-
9:51	0.2	0.2	9:51	0.0	0.0	-
9:52	0.2	0.2	9:52	0.0	0.0	-
9:53	0.2	0.2	9:53	0.0	0.0	-
9:54	0.2	0.2	9:54	0.0	0.0	-
9:55	0.2	0.2	9:55	0.0	0.0	-
9:56	0.2	0.2	9:56	0.0	0.0	-
9:57	0.2	0.2	9:57	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
9:58	0.2	0.2	9:58	0.0	0.0	-
9:59	0.2	0.2	9:59	0.0	0.0	-
10:00	0.2	0.2	10:00	0.0	0.0	-
10:01	0.2	0.2	10:01	0.0	0.0	-
10:02	0.2	0.2	10:02	0.0	0.0	-
10:03	0.2	0.2	10:03	0.0	0.0	-
10:04	0.2	0.2	10:04	0.0	0.0	-
10:05	0.2	0.2	10:05	0.0	0.0	-
10:06	0.2	0.2	10:06	0.0	0.0	-
10:07	0.2	0.2	10:07	0.0	0.0	-
10:08	0.2	0.2	10:08	0.0	0.0	-
10:09	0.2	0.2	10:09	0.0	0.0	-
10:10	0.2	0.2	10:10	0.0	0.0	-
10:11	0.2	0.2	10:11	0.0	0.0	-
10:12	0.2	0.2	10:12	0.0	0.0	-
10:13	0.2	0.2	10:13	0.0	0.0	-
10:14	0.2	0.2	10:14	0.0	0.0	-
10:15	0.2	0.2	10:15	0.0	0.0	-
10:16	0.2	0.2	10:16	0.0	0.0	-
10:17	0.2	0.2	10:17	0.0	0.0	-
10:18	0.2	0.2	10:18	0.0	0.0	-
10:19	0.2	0.2	10:19	0.0	0.0	-
10:20	0.2	0.2	10:20	0.0	0.0	-
10:21	0.2	0.2	10:21	0.0	0.0	-
10:22	0.2	0.2	10:22	0.0	0.0	-
10:23	0.2	0.2	10:23	0.0	0.0	-
10:24	0.2	0.2	10:24	0.0	0.0	-
10:25	0.2	0.2	10:25	0.0	0.0	-
10:26	0.2	0.2	10:26	0.0	0.0	-
10:27	0.2	0.2	10:27	0.0	0.0	-
10:28	0.2	0.2	10:28	0.0	0.0	-
10:29	0.2	0.2	10:29	0.0	0.0	-
10:30	0.2	0.2	10:30	0.0	0.0	-
10:31	0.2	0.2	10:31	0.0	0.0	-
10:32	0.2	0.2	10:32	0.0	0.0	-
10:33	0.2	0.2	10:33	0.0	0.0	-
10:34	0.2	0.2	10:34	0.0	0.0	-
10:35	0.2	0.2	10:35	0.0	0.0	-
10:36	0.2	0.2	10:36	0.0	0.0	-
10:37	0.2	0.2	10:37	0.0	0.0	-
10:38	0.2	0.2	10:38	0.0	0.0	-
10:39	0.2	0.2	10:39	0.0	0.0	-
10:40	0.2	0.2	10:40	0.0	0.0	-
10:41	0.2	0.2	10:41	0.0	0.0	-
10:42	0.2	0.2	10:42	0.0	0.0	-
10:43	0.2	0.2	10:43	0.0	0.0	-
10:44	0.2	0.2	10:44	0.0	0.0	-
10:45	0.2	0.2	10:45	0.0	0.0	-
10:46	0.2	0.2	10:46	0.0	0.0	-
10:47	0.2	0.2	10:47	0.0	0.0	-
10:48	0.2	0.2	10:48	0.0	0.0	-
10:49	0.2	0.2	10:49	0.0	0.0	-
10:50	0.2	0.2	10:50	0.0	0.0	-
10:51	0.2	0.2	10:51	0.0	0.0	-
10:52	0.2	0.2	10:52	0.0	0.0	-
10:53	0.2	0.2	10:53	0.0	0.0	-
10:54	0.2	0.2	10:54	0.0	0.0	-
10:55	0.2	0.2	10:55	0.0	0.0	-
10:56	0.2	0.2	10:56	0.0	0.0	-
10:57	0.2	0.2	10:57	0.0	0.0	-
10:58	0.2	0.2	10:58	0.0	0.0	-
10:59	0.2	0.2	10:59	0.0	0.0	-
11:00	0.2	0.2	11:00	0.0	0.0	-
11:01	0.2	0.2	11:01	0.0	0.0	-
11:02	0.2	0.2	11:02	0.0	0.0	-
11:03	0.2	0.2	11:03	0.0	0.0	-
11:04	0.2	0.2	11:04	0.0	0.0	-
11:05	0.2	0.2	11:05	0.0	0.0	-
11:06	0.2	0.2	11:06	0.0	0.0	-
11:07	0.2	0.2	11:07	0.0	0.0	-
11:08	0.2	0.2	11:08	0.0	0.0	-
11:09	0.2	0.2	11:09	0.0	0.0	-
11:10	0.2	0.2	11:10	0.0	0.0	-
11:11	0.2	0.2	11:11	0.0	0.0	-
11:12	0.2	0.2	11:12	0.0	0.0	-
11:13	0.2	0.2	11:13	0.0	0.0	-
11:14	0.2	0.2	11:14	0.0	0.0	-
11:15	0.2	0.2	11:15	0.0	0.0	-
11:16	0.2	0.2	11:16	0.0	0.0	-
11:17	0.2	0.2	11:17	0.0	0.0	-
11:18	0.2	0.2	11:18	0.0	0.0	-
11:19	0.2	0.2	11:19	0.0	0.0	-
11:20	0.2	0.2	11:20	0.0	0.0	-
11:21	0.2	0.2	11:21	0.0	0.0	-
11:22	0.2	0.2	11:22	0.0	0.0	-
11:23	0.2	0.2	11:23	0.0	0.0	-
11:24	0.2	0.2	11:24	0.0	0.0	-
11:25	0.2	0.2	11:25	0.0	0.0	-
11:26	0.2	0.2	11:26	0.0	0.0	-
11:27	0.2	0.2	11:27	0.0	0.0	-
11:28	0.2	0.2	11:28	0.0	0.0	-
11:29	0.2	0.2	11:29	0.0	0.0	-
11:30	0.2	0.2	11:30	0.0	0.0	-
11:31	0.2	0.2	11:31	0.0	0.0	-
11:32	0.2	0.2	11:32	0.0	0.0	-
11:33	0.2	0.2	11:33	0.0	0.0	-
11:34	0.2	0.2	11:34	0.0	0.0	-
11:35	0.2	0.2	11:35	0.0	0.0	-
11:36	0.2	0.2	11:36	0.0	0.0	-
11:37	0.2	0.2	11:37	0.0	0.0	-
11:38	0.2	0.2	11:38	0.0	0.0	-
11:39	0.2	0.2	11:39	0.0	0.0	-
11:40	0.2	0.2	11:40	0.0	0.0	-
11:41	0.2	0.2	11:41	0.0	0.0	-
11:42	0.2	0.2	11:42	0.0	0.0	-
11:43	0.2	0.2	11:43	0.0	0.0	-
11:44	0.2	0.2	11:44	0.0	0.0	-
11:45	0.2	0.2	11:45	0.0	0.0	-
11:46	0.2	0.2	11:46	0.0	0.0	-
11:47	0.2	0.2	11:47	0.0	0.0	-
11:48	0.2	0.2	11:48	0.0	0.0	-
11:49	0.2	0.2	11:49	0.0	0.0	-
11:50	0.2	0.2	11:50	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
11:51	0.2	0.2	11:51	0.0	0.0	-
11:52	0.2	0.2	11:52	0.0	0.0	-
11:53	0.2	0.2	11:53	0.0	0.0	-
11:54	0.2	0.2	11:54	0.0	0.0	-
11:55	0.2	0.2	11:55	0.0	0.0	-
11:56	0.2	0.2	11:56	0.0	0.0	-
11:57	0.2	0.2	11:57	0.0	0.0	-
11:58	0.2	0.2	11:58	0.0	0.0	-
11:59	0.2	0.2	11:59	0.0	0.0	-
12:00	0.2	0.2	12:00	0.0	0.0	-
12:01	0.2	0.2	12:01	0.0	0.0	-
12:02	0.2	0.2	12:02	0.0	0.0	-
12:03	0.2	0.2	12:03	0.0	0.0	-
12:04	0.2	0.2	12:04	0.0	0.0	-
12:05	0.2	0.2	12:05	0.0	0.0	-
12:06	0.2	0.2	12:06	0.0	0.0	-
12:07	0.2	0.2	12:07	0.0	0.0	-
12:08	0.2	0.2	12:08	0.0	0.0	-
12:09	0.2	0.2	12:09	0.0	0.0	-
12:10	0.2	0.2	12:10	0.0	0.0	-
12:11	0.2	0.2	12:11	0.0	0.0	-
12:12	0.2	0.2	12:12	0.0	0.0	-
12:13	0.2	0.2	12:13	0.0	0.0	-
12:14	0.2	0.2	12:14	0.0	0.0	-
12:15	0.1	0.2	12:15	0.0	0.0	-
12:16	0.1	0.2	12:16	0.0	0.0	-
12:17	0.2	0.2	12:17	0.0	0.0	-
12:18	0.2	0.2	12:18	0.0	0.0	-
12:19	0.2	0.2	12:19	0.0	0.0	-
12:20	0.2	0.2	12:20	0.0	0.0	-
12:21	0.2	0.2	12:21	0.0	0.0	-
12:22	0.2	0.2	12:22	0.0	0.0	-
12:23	0.2	0.2	12:23	0.0	0.0	-
12:24	0.2	0.2	12:24	0.0	0.0	-
12:25	0.2	0.2	12:25	0.0	0.0	-
12:26	0.2	0.2	12:26	0.0	0.0	-
12:27	0.2	0.2	12:27	0.0	0.0	-
12:28	0.2	0.2	12:28	0.0	0.0	-
12:29	0.2	0.2	12:29	0.0	0.0	-
12:30	0.2	0.2	12:30	0.0	0.0	-
12:31	0.2	0.2	12:31	0.0	0.0	-
12:32	0.2	0.2	12:32	0.0	0.0	-
12:33	0.2	0.2	12:33	0.0	0.0	-
12:34	0.2	0.2	12:34	0.0	0.0	-
12:35	0.2	0.2	12:35	0.0	0.0	-
12:36	0.2	0.2	12:36	0.0	0.0	-
12:37	0.2	0.2	12:37	0.0	0.0	-
12:38	0.2	0.2	12:38	0.0	0.0	-
12:39	0.2	0.2	12:39	0.0	0.0	-
12:40	0.2	0.2	12:40	0.0	0.0	-
12:41	0.2	0.2	12:41	0.0	0.0	-
12:42	0.2	0.2	12:42	0.0	0.0	-
12:43	0.2	0.2	12:43	0.0	0.0	-
12:44	0.2	0.2	12:44	0.0	0.0	-
12:45	0.2	0.2	12:45	0.0	0.0	-
12:46	0.2	0.2	12:46	0.0	0.0	-
12:47	0.2	0.2	12:47	0.0	0.0	-
12:48	0.2	0.2	12:48	0.0	0.0	-
12:49	0.2	0.2	12:49	0.0	0.0	-
12:50	0.2	0.2	12:50	0.0	0.0	-
12:51	0.2	0.2	12:51	0.0	0.0	-
12:52	0.2	0.2	12:52	0.0	0.0	-
12:53	0.2	0.2	12:53	0.0	0.0	-
12:54	0.2	0.2	12:54	0.0	0.0	-
12:55	0.2	0.2	12:55	0.0	0.0	-
12:56	0.2	0.2	12:56	0.0	0.0	-
12:57	0.2	0.2	12:57	0.0	0.0	-
12:58	0.2	0.2	12:58	0.0	0.0	-
12:59	0.2	0.2	12:59	0.0	0.0	-
13:00	0.2	0.2	13:00	0.0	0.0	-
13:01	0.2	0.2	13:01	0.0	0.0	-
13:02	0.2	0.2	13:02	0.0	0.0	-
13:03	0.2	0.2	13:03	0.0	0.0	-
13:04	0.2	0.2	13:04	0.0	0.0	-
13:05	0.2	0.2	13:05	0.0	0.0	-
13:06	0.2	0.2	13:06	0.0	0.0	-
13:07	0.2	0.2	13:07	0.0	0.0	-
13:08	0.2	0.2	13:08	0.0	0.0	-
13:09	0.2	0.2	13:09	0.0	0.0	-
13:10	0.2	0.2	13:10	0.0	0.0	-
13:11	0.2	0.2	13:11	0.0	0.0	-
13:12	0.2	0.2	13:12	0.0	0.0	-
13:13	0.2	0.2	13:13	0.0	0.0	-
13:14	0.2	0.2	13:14	0.0	0.0	-
13:15	0.2	0.2	13:15	0.0	0.0	-
13:16	0.2	0.2	13:16	0.0	0.0	-
13:17	0.2	0.2	13:17	0.0	0.0	-
13:18	0.2	0.2	13:18	0.0	0.0	-
13:19	0.2	0.2	13:19	0.0	0.0	-
13:20	0.2	0.2	13:20	0.0	0.0	-
13:21	0.2	0.2	13:21	0.0	0.0	-
13:22	0.2	0.2	13:22	0.0	0.0	-
13:23	0.2	0.2	13:23	0.0	0.0	-
13:24	0.1	0.2	13:24	0.0	0.0	-
13:25	0.1	0.2	13:25	0.0	0.0	-
13:26	0.1	0.2	13:26	0.0	0.0	-
13:27	0.1	0.2	13:27	0.0	0.0	-
13:28	0.1	0.2	13:28	0.0	0.0	-
13:29			13:29	0.0	0.0	
13:30			13:30	0.0	0.0	
13:31			13:31	0.0	0.0	
13:32			13:32	0.0	0.0	
13:33			13:33	0.0	0.0	
13:34			13:34	0.0	0.0	
13:35			13:35	0.0	0.0	
13:36			13:36	0.0	0.0	
13:37			13:37	0.0	0.0	
13:38			13:38	0.0	0.0	
13:39			13:39	0.0	0.0	
13:40			13:40	0.0	0.0	
13:41			13:41	0.0	0.0	
13:42			13:42	0.0	0.0	
13:43			13:43	0.0	0.0	

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
13:44			13:44	0.0	0.0	
13:45			13:45	0.0	0.0	
13:46			13:46	0.0	0.0	
13:47			13:47	0.0	0.0	
13:48			13:48	0.0	0.0	
13:49			13:49	0.0	0.0	
13:50			13:50	0.0	0.0	
13:51			13:51	0.0	0.0	
13:52			13:52	0.0	0.0	
13:53			13:53	0.0	0.0	
13:54			13:54	0.0	0.0	
13:55			13:55	0.0	0.0	
13:56			13:56	0.0	0.0	
13:57			13:57	0.0	0.0	
13:58			13:58	0.0	0.0	
13:59			13:59	0.0	0.0	
14:00			14:00	0.0	0.0	
14:01			14:01	0.0	0.0	
14:02			14:02	0.0	0.0	
14:03			14:03	0.0	0.0	
14:04			14:04	0.0	0.0	
14:05			14:05	0.0	0.0	
14:06			14:06	0.0	0.0	
14:07			14:07	0.0	0.0	
14:08			14:08	0.0	0.0	
14:09			14:09	0.0	0.0	
14:10			14:10	0.0	0.0	
14:11			14:11	0.0	0.0	
14:12			14:12	0.0	0.0	
14:13			14:13	0.0	0.0	

DAILY FIELD REPORT – Day 003

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Wednesday, June 05, 2024
PROJECT No.:	170562203	**WEATHER:**	Clear, 66 to 79°F Wind: S @ 6 -- 18 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:30 – 14:30 (8.0 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT: Geoprobe 7822 DT MiniRAE 3000 Photoionization Detector Solinst Oil-Water Interface Probe	**PRESENT AT SITE:** **Langan:** Lisa Cristiano, William Boher **Coastal Environmental Solutions, Inc. (Coastal):** Nick Turro, Jason Rosser

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Geoprobe 7822 DT drill rig to advance two soil borings (SB08 and SB09) to a depth of about 20 feet below grade surface (bgs) in the southeastern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID).
    - At SB08, petroleum-like impacts including a naphthalene-like odor, sheen, and a maximum PID reading of 56.1 parts per million (ppm) were observed at about 11 feet bgs.
    - At SB09, petroleum-like impacts including a naphthalene-like odor, sheen, and a maximum PID reading of 613.4 ppm were observed at 11 feet bgs.
- Coastal installed two 2-inch-diameter monitoring wells (MW08 and MW09) at SB08 and SB09, respectively. The monitoring wells were constructed of 10 feet of 20-slot (0.020-inch) polyvinyl chloride (PVC) well screen and a solid PVC riser stick-up.
    - MW08 was screened from 7 to 17 feet bgs
    - MW09 was screened from 5 to 15 feet bgs
- Coastal developed monitoring wells MW07, MW08, MW09 and MW10 using a submersible pump and surge block. Approximately 20 gallons of groundwater was purged from each well until the water was visibly clear.
- Langan used an oil-water interface probe to gauge the depth to water (DTW) of MW07, MW08, MW09, and MW10. DTW was measured in feet below the top of well casing (bTOC). Light non-aqueous phase liquid and dense non-aqueous phase liquid were not detected in the monitoring wells.
    - MW07: DTW = 8.82 feet bTOC
    - MW08: DTW = 8.42 feet bTOC
    - MW09: DTW = 9.19 feet bTOC
    - MW10: DTW =7.32 feet bTOC

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, William Boher **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) was containerized in 55-gallon drums. The drums are labeled and staged in the southeastern and northern parts of the site pending off-site disposal.

Total Drum Counts	
Soil	**Groundwater / Decon Water**
5	2

Anticipated Activities

- Coastal will continue to implement the NAPL Investigation Work Plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, William Boher
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Photographs:

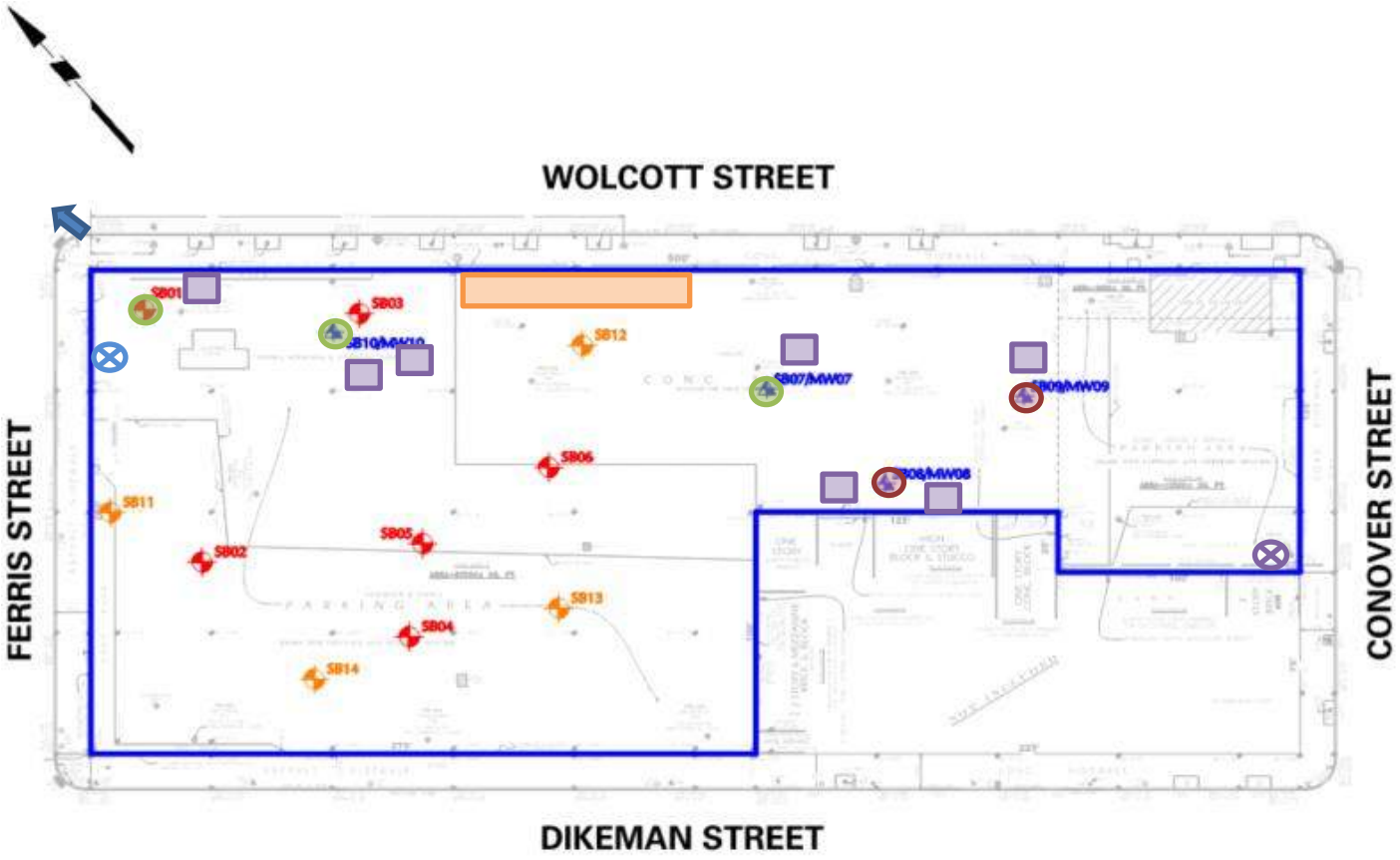
Photo 1: Groundwater monitoring well MW08 post-construction

Photo 2: Groundwater monitoring well MW09 and a 55-gallon drum containing IDW (soil cuttings)

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, William Boher
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Upwind CAMP Station
- Downwind CAMP Station
- Wind Direction
- Soil Boring and/or Monitoring Well Completed
- Proposed DNAPL Delineation Soil Boring and Monitoring Well Location
- Proposed Continency DNAPL Delineation Step-Out Soil Boring Location
- Proposed LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano, William Boher
			Langan Eng, Env, Surv, L.A. & Geo, DPC

LANGAN

145-165 Wolcott Street
170562203
CAMP Data Summary

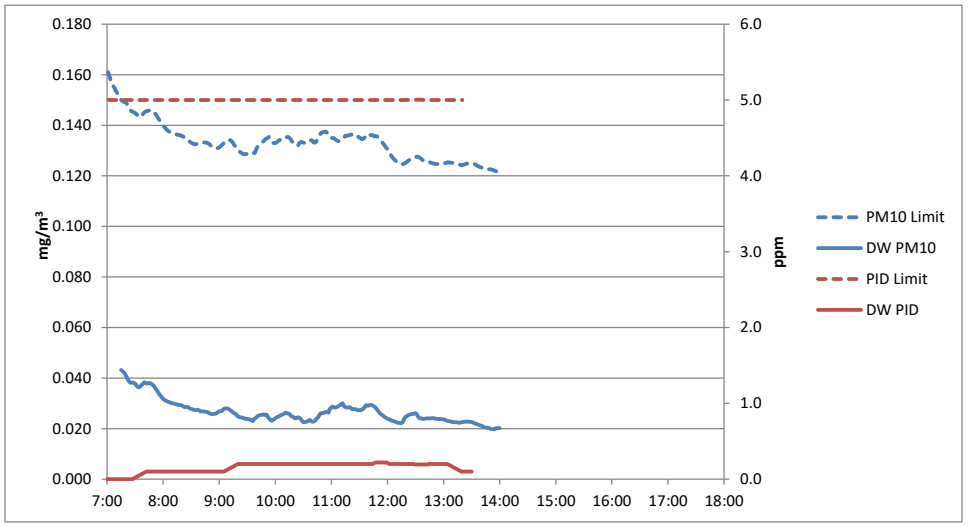
Date: 6/5/2024
Start: 6:04
End: 14:12 **UPWIND - UW**
Observer: Lisa Cristiano **DOWNWIND - DW**

Particulate Monitoring		
	UW	**DW**
Daily Average	0.033	0.025
Minimum 15min Average	0.022	0.020
Maximum 15min Average	0.062	0.043
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.021	0.019
Maximum 1min Reading	0.070	0.045

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise

Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.1
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.0	0.2
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.1	3.6

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise



Wednesday, June 5, 2024						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						406
Start Time:						6:47
End Time:						14:09
PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
6:47	0.067		6:47			
6:48	0.069		6:48			
6:49	0.070		6:49			
6:50	0.065		6:50			
6:51	0.063		6:51			
6:52	0.062		6:52			
6:53	0.061		6:53			
6:54	0.064		6:54			
6:55	0.060		6:55			
6:56	0.059		6:56	0.117		
6:57	0.057		6:57	0.059		
6:58	0.056		6:58	0.057		
6:59	0.054		6:59	0.053		
7:00	0.054	0.062	7:00	0.052		
7:01	0.055	0.061	7:01	0.049		
7:02	0.053	0.060	7:02	0.048		
7:03	0.050	0.059	7:03	0.046		
7:04	0.051	0.058	7:04	0.047		
7:05	0.053	0.057	7:05	0.046		
7:06	0.051	0.056	7:06	0.045		
7:07	0.052	0.055	7:07	0.045		
7:08	0.052	0.055	7:08	0.044		
7:09	0.051	0.054	7:09	0.042		
7:10	0.050	0.053	7:10	0.040		
7:11	0.049	0.053	7:11	0.040		
7:12	0.047	0.052	7:12	0.041		
7:13	0.046	0.051	7:13	0.038		
7:14	0.046	0.051	7:14	0.038		
7:15	0.046	0.050	7:15	0.039	0.043	-
7:16	0.049	0.050	7:16	0.044	0.043	-
7:17	0.048	0.049	7:17	0.043	0.043	-
7:18	0.048	0.049	7:18	0.041	0.042	-
7:19	0.051	0.049	7:19	0.040	0.042	-
7:20	0.048	0.049	7:20	0.036	0.041	-
7:21	0.046	0.049	7:21	0.035	0.040	-
7:22	0.042	0.048	7:22	0.034	0.040	-
7:23	0.042	0.047	7:23	0.034	0.039	-
7:24	0.041	0.047	7:24	0.034	0.038	-
7:25	0.042	0.046	7:25	0.036	0.038	-
7:26	0.042	0.046	7:26	0.039	0.038	-
7:27	0.044	0.045	7:27	0.043	0.038	-
7:28	0.043	0.045	7:28	0.037	0.038	-
7:29	0.044	0.045	7:29	0.035	0.038	-
7:30	0.043	0.045	7:30	0.036	0.038	-
7:31	0.043	0.044	7:31	0.036	0.037	-
7:32	0.044	0.044	7:32	0.036	0.037	-
7:33	0.044	0.044	7:33	0.036	0.036	-
7:34	0.044	0.043	7:34	0.038	0.036	-
7:35	0.045	0.043	7:35	0.039	0.037	-
7:36	0.048	0.043	7:36	0.040	0.037	-
7:37	0.048	0.044	7:37	0.040	0.037	-
7:38	0.048	0.044	7:38	0.039	0.038	-
7:39	0.050	0.045	7:39	0.040	0.038	-
7:40	0.047	0.045	7:40	0.040	0.038	-
7:41	0.047	0.045	7:41	0.038	0.038	-
7:42	0.045	0.046	7:42	0.038	0.038	-
7:43	0.045	0.046	7:43	0.037	0.038	-
7:44	0.045	0.046	7:44	0.037	0.038	-
7:45	0.045	0.046	7:45	0.036	0.038	-
7:46	0.044	0.046	7:46	0.035	0.038	-
7:47	0.044	0.046	7:47	0.034	0.038	-
7:48	0.042	0.046	7:48	0.033	0.038	-
7:49	0.042	0.046	7:49	0.033	0.037	-
7:50	0.041	0.045	7:50	0.033	0.037	-
7:51	0.041	0.045	7:51	0.032	0.036	-
7:52	0.040	0.044	7:52	0.032	0.036	-
7:53	0.040	0.044	7:53	0.032	0.035	-
7:54	0.040	0.043	7:54	0.031	0.035	-
7:55	0.039	0.043	7:55	0.030	0.034	-
7:56	0.038	0.042	7:56	0.031	0.034	-
7:57	0.038	0.042	7:57	0.030	0.033	-
7:58	0.037	0.041	7:58	0.031	0.033	-
7:59	0.037	0.041	7:59	0.030	0.032	-
8:00	0.037	0.040	8:00	0.030	0.032	-
8:01	0.036	0.039	8:01	0.030	0.031	-
8:02	0.037	0.039	8:02	0.030	0.031	-
8:03	0.036	0.039	8:03	0.030	0.031	-
8:04	0.036	0.038	8:04	0.031	0.031	-
8:05	0.037	0.038	8:05	0.030	0.031	-
8:06	0.036	0.038	8:06	0.030	0.031	-
8:07	0.036	0.037	8:07	0.030	0.030	-
8:08	0.037	0.037	8:08	0.029	0.030	-
8:09	0.038	0.037	8:09	0.029	0.030	-
8:10	0.036	0.037	8:10	0.030	0.030	-
8:11	0.036	0.037	8:11	0.029	0.030	-
8:12	0.036	0.037	8:12	0.029	0.030	-
8:13	0.036	0.036	8:13	0.029	0.030	-
8:14	0.036	0.036	8:14	0.029	0.030	-
8:15	0.036	0.036	8:15	0.028	0.030	-
8:16	0.035	0.036	8:16	0.029	0.029	-
8:17	0.035	0.036	8:17	0.028	0.029	-
8:18	0.035	0.036	8:18	0.030	0.029	-
8:19	0.034	0.036	8:19	0.030	0.029	-
8:20	0.034	0.036	8:20	0.028	0.029	-
8:21	0.034	0.036	8:21	0.027	0.029	-
8:22	0.033	0.035	8:22	0.026	0.029	-
8:23	0.032	0.035	8:23	0.027	0.029	-
8:24	0.033	0.035	8:24	0.030	0.029	-
8:25	0.033	0.035	8:25	0.030	0.029	-
8:26	0.032	0.034	8:26	0.028	0.029	-
8:27	0.032	0.034	8:27	0.026	0.028	-
8:28	0.032	0.034	8:28	0.026	0.028	-
8:29	0.031	0.033	8:29	0.026	0.028	-
8:30	0.032	0.033	8:30	0.026	0.028	-
8:31	0.032	0.033	8:31	0.027	0.028	-
8:32	0.032	0.033	8:32	0.026	0.028	-
8:33	0.032	0.033	8:33	0.028	0.027	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
8:34	0.033	0.032	8:34	0.030	0.027	-
8:35	0.035	0.033	8:35	0.027	0.027	-
8:36	0.035	0.033	8:36	0.027	0.027	-
8:37	0.034	0.033	8:37	0.027	0.027	-
8:38	0.034	0.033	8:38	0.026	0.027	-
8:39	0.034	0.033	8:39	0.026	0.027	-
8:40	0.033	0.033	8:40	0.027	0.027	-
8:41	0.034	0.033	8:41	0.027	0.027	-
8:42	0.033	0.033	8:42	0.026	0.027	-
8:43	0.033	0.033	8:43	0.026	0.027	-
8:44	0.032	0.033	8:44	0.025	0.027	-
8:45	0.032	0.033	8:45	0.025	0.027	-
8:46	0.031	0.033	8:46	0.026	0.027	-
8:47	0.030	0.033	8:47	0.026	0.027	-
8:48	0.030	0.033	8:48	0.026	0.026	-
8:49	0.030	0.033	8:49	0.025	0.026	-
8:50	0.030	0.032	8:50	0.025	0.026	-
8:51	0.029	0.032	8:51	0.025	0.026	-
8:52	0.030	0.032	8:52	0.025	0.026	-
8:53	0.031	0.031	8:53	0.026	0.026	-
8:54	0.030	0.031	8:54	0.027	0.026	-
8:55	0.032	0.031	8:55	0.028	0.026	-
8:56	0.031	0.031	8:56	0.028	0.026	-
8:57	0.033	0.031	8:57	0.028	0.026	-
8:58	0.033	0.031	8:58	0.030	0.026	-
8:59	0.034	0.031	8:59	0.029	0.027	-
9:00	0.035	0.031	9:00	0.028	0.027	-
9:01	0.036	0.032	9:01	0.027	0.027	-
9:02	0.035	0.032	9:02	0.027	0.027	-
9:03	0.035	0.032	9:03	0.027	0.027	-
9:04	0.035	0.033	9:04	0.032	0.027	-
9:05	0.036	0.033	9:05	0.030	0.028	-
9:06	0.036	0.033	9:06	0.027	0.028	-
9:07	0.035	0.034	9:07	0.026	0.028	-
9:08	0.033	0.034	9:08	0.026	0.028	-
9:09	0.032	0.034	9:09	0.025	0.028	-
9:10	0.032	0.034	9:10	0.027	0.028	-
9:11	0.033	0.034	9:11	0.024	0.028	-
9:12	0.030	0.034	9:12	0.024	0.027	-
9:13	0.029	0.034	9:13	0.026	0.027	-
9:14	0.029	0.033	9:14	0.024	0.027	-
9:15	0.027	0.033	9:15	0.023	0.026	-
9:16	0.027	0.032	9:16	0.024	0.026	-
9:17	0.027	0.032	9:17	0.024	0.026	-
9:18	0.028	0.031	9:18	0.024	0.026	-
9:19	0.028	0.031	9:19	0.024	0.025	-
9:20	0.029	0.030	9:20	0.024	0.025	-
9:21	0.029	0.030	9:21	0.025	0.025	-
9:22	0.030	0.030	9:22	0.024	0.025	-
9:23	0.028	0.029	9:23	0.025	0.024	-
9:24	0.029	0.029	9:24	0.024	0.024	-
9:25	0.029	0.029	9:25	0.024	0.024	-
9:26	0.029	0.029	9:26	0.023	0.024	-
9:27	0.030	0.029	9:27	0.023	0.024	-
9:28	0.030	0.029	9:28	0.023	0.024	-
9:29	0.029	0.029	9:29	0.023	0.024	-
9:30	0.030	0.029	9:30	0.024	0.024	-
9:31	0.030	0.029	9:31	0.023	0.024	-
9:32	0.030	0.029	9:32	0.022	0.024	-
9:33	0.030	0.029	9:33	0.022	0.024	-
9:34	0.028	0.029	9:34	0.022	0.023	-
9:35	0.028	0.029	9:35	0.021	0.023	-
9:36	0.028	0.029	9:36	0.022	0.023	-
9:37	0.028	0.029	9:37	0.035	0.024	-
9:38	0.028	0.029	9:38	0.029	0.024	-
9:39	0.042	0.030	9:39	0.028	0.024	-
9:40	0.043	0.031	9:40	0.028	0.025	-
9:41	0.038	0.031	9:41	0.028	0.025	-
9:42	0.037	0.032	9:42	0.027	0.025	-
9:43	0.035	0.032	9:43	0.025	0.025	-
9:44	0.034	0.033	9:44	0.025	0.025	-
9:45	0.036	0.033	9:45	0.024	0.025	-
9:46	0.034	0.033	9:46	0.024	0.025	-
9:47	0.035	0.034	9:47	0.023	0.026	-
9:48	0.035	0.034	9:48	0.022	0.026	-
9:49	0.034	0.034	9:49	0.021	0.025	-
9:50	0.033	0.035	9:50	0.021	0.025	-
9:51	0.031	0.035	9:51	0.021	0.025	-
9:52	0.030	0.035	9:52	0.023	0.025	-
9:53	0.034	0.035	9:53	0.022	0.024	-
9:54	0.034	0.035	9:54	0.022	0.024	-
9:55	0.031	0.034	9:55	0.022	0.023	-
9:56	0.030	0.034	9:56	0.025	0.023	-
9:57	0.031	0.033	9:57	0.029	0.023	-
9:58	0.033	0.033	9:58	0.029	0.024	-
9:59	0.034	0.033	9:59	0.029	0.024	-
10:00	0.036	0.033	10:00	0.028	0.024	-
10:01	0.036	0.033	10:01	0.028	0.024	-
10:02	0.040	0.033	10:02	0.027	0.025	-
10:03	0.040	0.034	10:03	0.023	0.025	-
10:04	0.038	0.034	10:04	0.024	0.025	-
10:05	0.035	0.034	10:05	0.025	0.025	-
10:06	0.035	0.034	10:06	0.025	0.025	-
10:07	0.034	0.035	10:07	0.024	0.025	-
10:08	0.034	0.035	10:08	0.025	0.026	-
10:09	0.034	0.035	10:09	0.025	0.026	-
10:10	0.034	0.035	10:10	0.026	0.026	-
10:11	0.034	0.035	10:11	0.027	0.026	-
10:12	0.033	0.035	10:12	0.027	0.026	-
10:13	0.033	0.035	10:13	0.027	0.026	-
10:14	0.033	0.035	10:14	0.028	0.026	-
10:15	0.032	0.035	10:15	0.026	0.026	-
10:16	0.031	0.035	10:16	0.022	0.025	-
10:17	0.031	0.034	10:17	0.020	0.025	-
10:18	0.033	0.034	10:18	0.021	0.025	-
10:19	0.030	0.033	10:19	0.022	0.025	-
10:20	0.031	0.033	10:20	0.021	0.024	-
10:21	0.031	0.033	10:21	0.020	0.024	-
10:22	0.030	0.032	10:22	0.024	0.024	-
10:23	0.029	0.032	10:23	0.028	0.024	-
10:24	0.034	0.032	10:24	0.028	0.024	-
10:25	0.042	0.032	10:25	0.025	0.024	-
10:26	0.044	0.033	10:26	0.024	0.024	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
10:27	0.035	0.033	10:27	0.022	0.024	-
10:28	0.035	0.033	10:28	0.020	0.023	-
10:29	0.031	0.033	10:29	0.020	0.023	-
10:30	0.030	0.033	10:30	0.022	0.023	-
10:31	0.030	0.033	10:31	0.021	0.023	-
10:32	0.030	0.033	10:32	0.021	0.023	-
10:33	0.032	0.033	10:33	0.023	0.023	-
10:34	0.032	0.033	10:34	0.023	0.023	-
10:35	0.034	0.033	10:35	0.024	0.023	-
10:36	0.033	0.033	10:36	0.025	0.023	-
10:37	0.035	0.034	10:37	0.024	0.023	-
10:38	0.034	0.034	10:38	0.024	0.023	-
10:39	0.033	0.034	10:39	0.024	0.023	-
10:40	0.038	0.034	10:40	0.024	0.023	-
10:41	0.036	0.033	10:41	0.025	0.023	-
10:42	0.035	0.033	10:42	0.025	0.023	-
10:43	0.036	0.033	10:43	0.025	0.023	-
10:44	0.037	0.034	10:44	0.028	0.024	-
10:45	0.043	0.035	10:45	0.027	0.024	-
10:46	0.042	0.035	10:46	0.028	0.025	-
10:47	0.039	0.036	10:47	0.031	0.025	-
10:48	0.040	0.036	10:48	0.030	0.026	-
10:49	0.039	0.037	10:49	0.027	0.026	-
10:50	0.037	0.037	10:50	0.025	0.026	-
10:51	0.036	0.037	10:51	0.026	0.026	-
10:52	0.036	0.037	10:52	0.026	0.026	-
10:53	0.035	0.037	10:53	0.026	0.026	-
10:54	0.033	0.037	10:54	0.025	0.027	-
10:55	0.033	0.037	10:55	0.024	0.027	-
10:56	0.033	0.037	10:56	0.024	0.026	-
10:57	0.032	0.037	10:57	0.023	0.026	-
10:58	0.031	0.036	10:58	0.045	0.028	-
10:59	0.031	0.036	10:59	0.032	0.028	-
11:00	0.030	0.035	11:00	0.034	0.028	-
11:01	0.039	0.035	11:01	0.032	0.029	-
11:02	0.040	0.035	11:02	0.029	0.029	-
11:03	0.037	0.035	11:03	0.028	0.028	-
11:04	0.034	0.034	11:04	0.026	0.028	-
11:05	0.033	0.034	11:05	0.026	0.028	-
11:06	0.032	0.034	11:06	0.028	0.029	-
11:07	0.034	0.034	11:07	0.030	0.029	-
11:08	0.034	0.034	11:08	0.030	0.029	-
11:09	0.035	0.034	11:09	0.028	0.029	-
11:10	0.036	0.034	11:10	0.028	0.030	-
11:11	0.036	0.034	11:11	0.027	0.030	-
11:12	0.036	0.035	11:12	0.028	0.030	-
11:13	0.037	0.035	11:13	0.029	0.029	-
11:14	0.038	0.035	11:14	0.029	0.029	-
11:15	0.037	0.036	11:15	0.029	0.028	-
11:16	0.039	0.036	11:16	0.030	0.028	-
11:17	0.040	0.036	11:17	0.029	0.028	-
11:18	0.039	0.036	11:18	0.028	0.028	-
11:19	0.036	0.036	11:19	0.028	0.028	-
11:20	0.034	0.036	11:20	0.025	0.028	-
11:21	0.034	0.036	11:21	0.024	0.028	-
11:22	0.032	0.036	11:22	0.024	0.028	-
11:23	0.031	0.036	11:23	0.029	0.028	-
11:24	0.030	0.036	11:24	0.029	0.028	-
11:25	0.039	0.036	11:25	0.027	0.028	-
11:26	0.037	0.036	11:26	0.027	0.028	-
11:27	0.035	0.036	11:27	0.026	0.028	-
11:28	0.033	0.036	11:28	0.026	0.027	-
11:29	0.035	0.035	11:29	0.028	0.027	-
11:30	0.033	0.035	11:30	0.030	0.027	-
11:31	0.036	0.035	11:31	0.030	0.027	-
11:32	0.036	0.035	11:32	0.030	0.027	-
11:33	0.037	0.035	11:33	0.031	0.028	-
11:34	0.038	0.035	11:34	0.031	0.028	-
11:35	0.039	0.035	11:35	0.032	0.028	-
11:36	0.038	0.035	11:36	0.031	0.029	-
11:37	0.037	0.036	11:37	0.031	0.029	-
11:38	0.038	0.036	11:38	0.029	0.029	-
11:39	0.038	0.037	11:39	0.027	0.029	-
11:40	0.036	0.036	11:40	0.028	0.029	-
11:41	0.034	0.036	11:41	0.029	0.029	-
11:42	0.034	0.036	11:42	0.027	0.029	-
11:43	0.033	0.036	11:43	0.026	0.029	-
11:44	0.033	0.036	11:44	0.026	0.029	-
11:45	0.032	0.036	11:45	0.026	0.029	-
11:46	0.031	0.036	11:46	0.026	0.029	-
11:47	0.038	0.036	11:47	0.025	0.028	-
11:48	0.036	0.036	11:48	0.025	0.028	-
11:49	0.036	0.036	11:49	0.024	0.027	-
11:50	0.034	0.035	11:50	0.024	0.027	-
11:51	0.033	0.035	11:51	0.024	0.026	-
11:52	0.031	0.034	11:52	0.024	0.026	-
11:53	0.031	0.034	11:53	0.024	0.026	-
11:54	0.030	0.033	11:54	0.024	0.025	-
11:55	0.028	0.033	11:55	0.024	0.025	-
11:56	0.027	0.032	11:56	0.024	0.025	-
11:57	0.026	0.032	11:57	0.023	0.025	-
11:58	0.026	0.031	11:58	0.022	0.024	-
11:59	0.025	0.031	11:59	0.023	0.024	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
12:00	0.026	0.031	12:00	0.023	0.024	-
12:01	0.026	0.030	12:01	0.024	0.024	-
12:02	0.025	0.029	12:02	0.022	0.024	-
12:03	0.025	0.029	12:03	0.022	0.023	-
12:04	0.026	0.028	12:04	0.022	0.023	-
12:05	0.026	0.027	12:05	0.022	0.023	-
12:06	0.026	0.027	12:06	0.022	0.023	-
12:07	0.026	0.027	12:07	0.022	0.023	-
12:08	0.025	0.026	12:08	0.022	0.023	-
12:09	0.025	0.026	12:09	0.022	0.023	-
12:10	0.025	0.026	12:10	0.022	0.022	-
12:11	0.024	0.025	12:11	0.021	0.022	-
12:12	0.024	0.025	12:12	0.023	0.022	-
12:13	0.023	0.025	12:13	0.022	0.022	-
12:14	0.023	0.025	12:14	0.022	0.022	-
12:15	0.023	0.025	12:15	0.023	0.022	-
12:16	0.024	0.025	12:16	0.027	0.022	-
12:17	0.025	0.025	12:17	0.034	0.023	-
12:18	0.029	0.025	12:18	0.033	0.024	-
12:19	0.028	0.025	12:19	0.030	0.024	-
12:20	0.030	0.025	12:20	0.026	0.025	-
12:21	0.030	0.026	12:21	0.026	0.025	-
12:22	0.031	0.026	12:22	0.026	0.025	-
12:23	0.029	0.026	12:23	0.025	0.025	-
12:24	0.028	0.026	12:24	0.024	0.026	-
12:25	0.027	0.027	12:25	0.023	0.026	-
12:26	0.026	0.027	12:26	0.023	0.026	-
12:27	0.026	0.027	12:27	0.023	0.026	-
12:28	0.026	0.027	12:28	0.023	0.026	-
12:29	0.026	0.027	12:29	0.024	0.026	-
12:30	0.026	0.027	12:30	0.024	0.026	-
12:31	0.026	0.028	12:31	0.024	0.026	-
12:32	0.026	0.028	12:32	0.024	0.025	-
12:33	0.026	0.027	12:33	0.024	0.025	-
12:34	0.026	0.027	12:34	0.024	0.024	-
12:35	0.026	0.027	12:35	0.024	0.024	-
12:36	0.026	0.027	12:36	0.026	0.024	-
12:37	0.026	0.026	12:37	0.024	0.024	-
12:38	0.025	0.026	12:38	0.023	0.024	-
12:39	0.025	0.026	12:39	0.025	0.024	-
12:40	0.025	0.026	12:40	0.024	0.024	-
12:41	0.025	0.026	12:41	0.024	0.024	-
12:42	0.025	0.026	12:42	0.023	0.024	-
12:43	0.025	0.026	12:43	0.024	0.024	-
12:44	0.024	0.025	12:44	0.024	0.024	-
12:45	0.024	0.025	12:45	0.023	0.024	-
12:46	0.025	0.025	12:46	0.024	0.024	-
12:47	0.024	0.025	12:47	0.026	0.024	-
12:48	0.024	0.025	12:48	0.024	0.024	-
12:49	0.024	0.025	12:49	0.024	0.024	-
12:50	0.025	0.025	12:50	0.024	0.024	-
12:51	0.025	0.025	12:51	0.023	0.024	-
12:52	0.025	0.025	12:52	0.023	0.024	-
12:53	0.025	0.025	12:53	0.023	0.024	-
12:54	0.025	0.025	12:54	0.024	0.024	-
12:55	0.025	0.025	12:55	0.024	0.024	-
12:56	0.025	0.025	12:56	0.024	0.024	-
12:57	0.026	0.025	12:57	0.023	0.024	-
12:58	0.026	0.025	12:58	0.023	0.024	-
12:59	0.026	0.025	12:59	0.023	0.024	-
13:00	0.025	0.025	13:00	0.023	0.024	-
13:01	0.025	0.025	13:01	0.023	0.024	-
13:02	0.025	0.025	13:02	0.022	0.023	-
13:03	0.025	0.025	13:03	0.022	0.023	-
13:04	0.027	0.025	13:04	0.022	0.023	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
13:05	0.025	0.025	13:05	0.023	0.023	-
13:06	0.024	0.025	13:06	0.022	0.023	-
13:07	0.025	0.025	13:07	0.022	0.023	-
13:08	0.024	0.025	13:08	0.022	0.023	-
13:09	0.024	0.025	13:09	0.022	0.023	-
13:10	0.024	0.025	13:10	0.023	0.023	-
13:11	0.024	0.025	13:11	0.023	0.023	-
13:12	0.024	0.025	13:12	0.023	0.023	-
13:13	0.024	0.025	13:13	0.023	0.023	-
13:14	0.024	0.025	13:14	0.022	0.022	-
13:15	0.024	0.025	13:15	0.022	0.022	-
13:16	0.024	0.024	13:16	0.022	0.022	-
13:17	0.024	0.024	13:17	0.022	0.022	-
13:18	0.024	0.024	13:18	0.023	0.022	-
13:19	0.025	0.024	13:19	0.024	0.023	-
13:20	0.026	0.024	13:20	0.023	0.023	-
13:21	0.026	0.024	13:21	0.023	0.023	-
13:22	0.026	0.024	13:22	0.023	0.023	-
13:23	0.026	0.025	13:23	0.023	0.023	-
13:24	0.026	0.025	13:24	0.023	0.023	-
13:25	0.026	0.025	13:25	0.022	0.023	-
13:26	0.025	0.025	13:26	0.023	0.023	-
13:27	0.025	0.025	13:27	0.023	0.023	-
13:28	0.024	0.025	13:28	0.022	0.023	-
13:29	0.024	0.025	13:29	0.022	0.023	-
13:30	0.023	0.025	13:30	0.021	0.023	-
13:31	0.023	0.025	13:31	0.020	0.022	-
13:32	0.023	0.025	13:32	0.020	0.022	-
13:33	0.022	0.025	13:33	0.020	0.022	-
13:34	0.022	0.024	13:34	0.021	0.022	-
13:35	0.022	0.024	13:35	0.022	0.022	-
13:36	0.023	0.024	13:36	0.021	0.022	-
13:37	0.023	0.024	13:37	0.020	0.022	-
13:38	0.024	0.024	13:38	0.021	0.021	-
13:39	0.023	0.023	13:39	0.021	0.021	-
13:40	0.024	0.023	13:40	0.021	0.021	-
13:41	0.023	0.023	13:41	0.021	0.021	-
13:42	0.024	0.023	13:42	0.019	0.021	-
13:43	0.023	0.023	13:43	0.019	0.021	-
13:44	0.022	0.023	13:44	0.020	0.020	-
13:45	0.021	0.023	13:45	0.020	0.020	-
13:46	0.021	0.023	13:46	0.020	0.020	-
13:47	0.022	0.023	13:47	0.019	0.020	-
13:48	0.022	0.023	13:48	0.019	0.020	-
13:49	0.022	0.023	13:49	0.019	0.020	-
13:50	0.022	0.023	13:50	0.019	0.020	-
13:51	0.022	0.023	13:51	0.019	0.020	-
13:52	0.021	0.022	13:52	0.020	0.020	-
13:53	0.022	0.022	13:53	0.020	0.020	-
13:54	0.021	0.022	13:54	0.021	0.020	-
13:55	0.021	0.022	13:55	0.026	0.020	-
13:56	0.022	0.022	13:56	0.020	0.020	-
13:57	0.022	0.022	13:57	0.022	0.020	-
13:58	0.022	0.022	13:58	0.019	0.020	-
13:59	0.022	0.022	13:59	0.020	0.020	-
14:00	0.022	0.022	14:00	0.020	0.020	-
14:01	0.022	0.022	14:01			
14:02	0.022	0.022				
14:03	0.021	0.022				
14:04	0.021	0.022				
14:05	0.022	0.022				
14:06	0.022	0.022				
14:07	0.022	0.022				
14:08	0.022	0.022				
14:09	0.022	0.022				

Wednesday, June 5, 2024						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						392
Start Time:						6:04
End Time:						14:12
PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
6:04			6:04	3.6		
6:05			6:05	0.0		
6:06			6:06	0.0		
6:07			6:07	0.0		
6:08			6:08	0.0		
6:09			6:09	0.0		
6:10			6:10	0.0		
6:11			6:11	0.0		
6:12			6:12	0.0		
6:13			6:13	0.0		
6:14			6:14	0.0		
6:15			6:15	0.0		
6:16			6:16	0.0		
6:17			6:17	0.0		
6:18			6:18	0.0	0.2	
6:19			6:19	0.0	0.0	
6:20			6:20	0.0	0.0	
6:21			6:21	0.0	0.0	
6:22			6:22	0.0	0.0	
6:23			6:23	0.0	0.0	
6:24			6:24	0.0	0.0	
6:25			6:25	0.0	0.0	
6:26			6:26	0.0	0.0	
6:27			6:27	0.0	0.0	
6:28			6:28	0.0	0.0	
6:29			6:29	0.0	0.0	
6:30			6:30	0.0	0.0	
6:31			6:31	0.0	0.0	
6:32			6:32	0.0	0.0	
6:33			6:33	0.0	0.0	
6:34			6:34	0.0	0.0	
6:35			6:35	0.0	0.0	
6:36			6:36	0.0	0.0	
6:37			6:37	0.0	0.0	
6:38			6:38	0.0	0.0	
6:39			6:39	0.0	0.0	
6:40			6:40	0.0	0.0	
6:41			6:41	0.0	0.0	
6:42			6:42	0.0	0.0	
6:43			6:43	0.0	0.0	
6:44			6:44	0.0	0.0	
6:45	0.1		6:45	0.0	0.0	
6:46	0.1		6:46	0.0	0.0	
6:47	0.1		6:47	0.0	0.0	
6:48	0.0		6:48	0.0	0.0	
6:49	0.0		6:49	0.0	0.0	
6:50	0.0		6:50	0.0	0.0	
6:51	0.0		6:51	0.0	0.0	
6:52	0.0		6:52	0.0	0.0	
6:53	0.0		6:53	0.0	0.0	
6:54	0.0		6:54	0.0	0.0	
6:55	0.0		6:55	0.0	0.0	
6:56	0.0		6:56	0.0	0.0	
6:57	0.0		6:57	0.0	0.0	
6:58	0.0		6:58	0.0	0.0	
6:59	0.0	0.0	6:59	0.0	0.0	-
7:00	0.0	0.0	7:00	0.0	0.0	-
7:01	0.0	0.0	7:01	0.0	0.0	-
7:02	0.0	0.0	7:02	0.0	0.0	-
7:03	0.0	0.0	7:03	0.0	0.0	-
7:04	0.0	0.0	7:04	0.0	0.0	-
7:05	0.0	0.0	7:05	0.0	0.0	-
7:06	0.0	0.0	7:06	0.0	0.0	-
7:07	0.0	0.0	7:07	0.0	0.0	-
7:08	0.0	0.0	7:08	0.0	0.0	-
7:09	0.0	0.0	7:09	0.0	0.0	-
7:10	0.0	0.0	7:10	0.0	0.0	-
7:11	0.0	0.0	7:11	0.0	0.0	-
7:12	0.0	0.0	7:12	0.0	0.0	-
7:13	0.0	0.0	7:13	0.0	0.0	-
7:14	0.0	0.0	7:14	0.0	0.0	-
7:15	0.0	0.0	7:15	0.0	0.0	-
7:16	0.0	0.0	7:16	0.0	0.0	-
7:17	0.0	0.0	7:17	0.0	0.0	-
7:18	0.0	0.0	7:18	0.0	0.0	-
7:19	0.0	0.0	7:19	0.0	0.0	-
7:20	0.0	0.0	7:20	0.0	0.0	-
7:21	0.0	0.0	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	0.0	-
7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	0.0	0.0	7:24	0.0	0.0	-
7:25	0.0	0.0	7:25	0.0	0.0	-
7:26	0.0	0.0	7:26	0.0	0.0	-
7:27	0.0	0.0	7:27	0.0	0.0	-
7:28	0.0	0.0	7:28	0.1	0.0	-
7:29	0.0	0.0	7:29	0.1	0.0	-
7:30	0.0	0.0	7:30	0.1	0.0	-
7:31	0.0	0.0	7:31	0.1	0.0	-
7:32	0.0	0.0	7:32	0.1	0.0	-
7:33	0.0	0.0	7:33	0.1	0.0	-
7:34	0.0	0.0	7:34	0.1	0.0	-
7:35	0.0	0.0	7:35	0.1	0.1	-
7:36	0.0	0.0	7:36	0.1	0.1	-
7:37	0.0	0.0	7:37	0.1	0.1	-
7:38	0.0	0.0	7:38	0.1	0.1	-
7:39	0.0	0.0	7:39	0.1	0.1	-
7:40	0.0	0.0	7:40	0.1	0.1	-
7:41	0.0	0.0	7:41	0.1	0.1	-
7:42	0.0	0.0	7:42	0.1	0.1	-
7:43	0.0	0.0	7:43	0.1	0.1	-
7:44	0.0	0.0	7:44	0.1	0.1	-
7:45	0.0	0.0	7:45	0.1	0.1	-
7:46	0.0	0.0	7:46	0.1	0.1	-
7:47	0.0	0.0	7:47	0.1	0.1	-
7:48	0.0	0.0	7:48	0.1	0.1	-
7:49	0.0	0.0	7:49	0.1	0.1	-
7:50	0.0	0.0	7:50	0.1	0.1	-
7:51	0.0	0.0	7:51	0.1	0.1	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
7:52	0.0	0.0	7:52	0.1	0.1	-
7:53	0.0	0.0	7:53	0.1	0.1	-
7:54	0.0	0.0	7:54	0.1	0.1	-
7:55	0.0	0.0	7:55	0.1	0.1	-
7:56	0.0	0.0	7:56	0.1	0.1	-
7:57	0.0	0.0	7:57	0.1	0.1	-
7:58	0.0	0.0	7:58	0.1	0.1	-
7:59	0.0	0.0	7:59	0.1	0.1	-
8:00	0.0	0.0	8:00	0.1	0.1	-
8:01	0.0	0.0	8:01	0.1	0.1	-
8:02	0.0	0.0	8:02	0.1	0.1	-
8:03	0.0	0.0	8:03	0.1	0.1	-
8:04	0.0	0.0	8:04	0.1	0.1	-
8:05	0.0	0.0	8:05	0.1	0.1	-
8:06	0.0	0.0	8:06	0.1	0.1	-
8:07	0.0	0.0	8:07	0.1	0.1	-
8:08	0.0	0.0	8:08	0.1	0.1	-
8:09	0.0	0.0	8:09	0.1	0.1	-
8:10	0.0	0.0	8:10	0.1	0.1	-
8:11	0.0	0.0	8:11	0.1	0.1	-
8:12	0.0	0.0	8:12	0.1	0.1	-
8:13	0.0	0.0	8:13	0.1	0.1	-
8:14	0.0	0.0	8:14	0.1	0.1	-
8:15	0.0	0.0	8:15	0.1	0.1	-
8:16	0.0	0.0	8:16	0.1	0.1	-
8:17	0.0	0.0	8:17	0.1	0.1	-
8:18	0.0	0.0	8:18	0.1	0.1	-
8:19	0.0	0.0	8:19	0.1	0.1	-
8:20	0.0	0.0	8:20	0.1	0.1	-
8:21	0.0	0.0	8:21	0.1	0.1	-
8:22	0.0	0.0	8:22	0.1	0.1	-
8:23	0.0	0.0	8:23	0.1	0.1	-
8:24	0.0	0.0	8:24	0.1	0.1	-
8:25	0.0	0.0	8:25	0.1	0.1	-
8:26	0.0	0.0	8:26	0.1	0.1	-
8:27	0.0	0.0	8:27	0.1	0.1	-
8:28	0.0	0.0	8:28	0.1	0.1	-
8:29	0.0	0.0	8:29	0.1	0.1	-
8:30	0.0	0.0	8:30	0.1	0.1	-
8:31	0.0	0.0	8:31	0.1	0.1	-
8:32	0.0	0.0	8:32	0.1	0.1	-
8:33	0.0	0.0	8:33	0.1	0.1	-
8:34	0.0	0.0	8:34	0.1	0.1	-
8:35	0.0	0.0	8:35	0.1	0.1	-
8:36	0.0	0.0	8:36	0.1	0.1	-
8:37	0.0	0.0	8:37	0.1	0.1	-
8:38	0.0	0.0	8:38	0.1	0.1	-
8:39	0.0	0.0	8:39	0.1	0.1	-
8:40	0.0	0.0	8:40	0.1	0.1	-
8:41	0.0	0.0	8:41	0.1	0.1	-
8:42	0.0	0.0	8:42	0.1	0.1	-
8:43	0.0	0.0	8:43	0.1	0.1	-
8:44	0.0	0.0	8:44	0.1	0.1	-
8:45	0.0	0.0	8:45	0.1	0.1	-
8:46	0.0	0.0	8:46	0.1	0.1	-
8:47	0.0	0.0	8:47	0.1	0.1	-
8:48	0.0	0.0	8:48	0.1	0.1	-
8:49	0.0	0.0	8:49	0.1	0.1	-
8:50	0.0	0.0	8:50	0.1	0.1	-
8:51	0.0	0.0	8:51	0.1	0.1	-
8:52	0.0	0.0	8:52	0.1	0.1	-
8:53	0.0	0.0	8:53	0.1	0.1	-
8:54	0.0	0.0	8:54	0.1	0.1	-
8:55	0.0	0.0	8:55	0.1	0.1	-
8:56	0.0	0.0	8:56	0.1	0.1	-
8:57	0.0	0.0	8:57	0.1	0.1	-
8:58	0.0	0.0	8:58	0.1	0.1	-
8:59	0.0	0.0	8:59	0.1	0.1	-
9:00	0.0	0.0	9:00	0.1	0.1	-
9:01	0.0	0.0	9:01	0.1	0.1	-
9:02	0.0	0.0	9:02	0.1	0.1	-
9:03	0.0	0.0	9:03	0.1	0.1	-
9:04	0.0	0.0	9:04	0.1	0.1	-
9:05	0.0	0.0	9:05	0.1	0.1	-
9:06	0.0	0.0	9:06	0.2	0.1	-
9:07	0.0	0.0	9:07	0.2	0.1	-
9:08	0.0	0.0	9:08	0.2	0.1	-
9:09	0.0	0.0	9:09	0.2	0.1	-
9:10	0.0	0.0	9:10	0.2	0.1	-
9:11	0.0	0.0	9:11	0.2	0.1	-
9:12	0.0	0.0	9:12	0.2	0.1	-
9:13	0.0	0.0	9:13	0.2	0.2	-
9:14	0.0	0.0	9:14	0.2	0.2	-
9:15	0.0	0.0	9:15	0.2	0.2	-
9:16	0.0	0.0	9:16	0.2	0.2	-
9:17	0.0	0.0	9:17	0.2	0.2	-
9:18	0.0	0.0	9:18	0.2	0.2	-
9:19	0.0	0.0	9:19	0.2	0.2	-
9:20	0.0	0.0	9:20	0.2	0.2	-
9:21	0.0	0.0	9:21	0.2	0.2	-
9:22	0.0	0.0	9:22	0.2	0.2	-
9:23	0.0	0.0	9:23	0.2	0.2	-
9:24	0.0	0.0	9:24	0.2	0.2	-
9:25	0.0	0.0	9:25	0.2	0.2	-
9:26	0.0	0.0	9:26	0.2	0.2	-
9:27	0.0	0.0	9:27	0.2	0.2	-
9:28	0.0	0.0	9:28	0.2	0.2	-
9:29	0.0	0.0	9:29	0.2	0.2	-
9:30	0.0	0.0	9:30	0.2	0.2	-
9:31	0.0	0.0	9:31	0.2	0.2	-
9:32	0.0	0.0	9:32	0.2	0.2	-
9:33	0.0	0.0	9:33	0.2	0.2	-
9:34	0.0	0.0	9:34	0.2	0.2	-
9:35	0.0	0.0	9:35	0.2	0.2	-
9:36	0.0	0.0	9:36	0.2	0.2	-
9:37	0.0	0.0	9:37	0.2	0.2	-
9:38	0.0	0.0	9:38	0.2	0.2	-
9:39	0.0	0.0	9:39	0.2	0.2	-
9:40	0.0	0.0	9:40	0.2	0.2	-
9:41	0.0	0.0	9:41	0.2	0.2	-
9:42	0.0	0.0	9:42	0.2	0.2	-
9:43	0.0	0.0	9:43	0.2	0.2	-
9:44	0.0	0.0	9:44	0.2	0.2	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
9:45	0.0	0.0	9:45	0.2	0.2	-
9:46	0.0	0.0	9:46	0.2	0.2	-
9:47	0.0	0.0	9:47	0.2	0.2	-
9:48	0.0	0.0	9:48	0.2	0.2	-
9:49	0.0	0.0	9:49	0.2	0.2	-
9:50	0.0	0.0	9:50	0.2	0.2	-
9:51	0.0	0.0	9:51	0.2	0.2	-
9:52	0.0	0.0	9:52	0.2	0.2	-
9:53	0.0	0.0	9:53	0.2	0.2	-
9:54	0.0	0.0	9:54	0.2	0.2	-
9:55	0.0	0.0	9:55	0.2	0.2	-
9:56	0.0	0.0	9:56	0.2	0.2	-
9:57	0.0	0.0	9:57	0.2	0.2	-
9:58	0.0	0.0	9:58	0.2	0.2	-
9:59	0.0	0.0	9:59	0.2	0.2	-
10:00	0.0	0.0	10:00	0.2	0.2	-
10:01	0.0	0.0	10:01	0.2	0.2	-
10:02	0.0	0.0	10:02	0.2	0.2	-
10:03	0.0	0.0	10:03	0.2	0.2	-
10:04	0.0	0.0	10:04	0.2	0.2	-
10:05	0.0	0.0	10:05	0.2	0.2	-
10:06	0.0	0.0	10:06	0.2	0.2	-
10:07	0.0	0.0	10:07	0.2	0.2	-
10:08	0.0	0.0	10:08	0.2	0.2	-
10:09	0.0	0.0	10:09	0.2	0.2	-
10:10	0.0	0.0	10:10	0.2	0.2	-
10:11	0.0	0.0	10:11	0.2	0.2	-
10:12	0.0	0.0	10:12	0.2	0.2	-
10:13	0.0	0.0	10:13	0.2	0.2	-
10:14	0.0	0.0	10:14	0.2	0.2	-
10:15	0.0	0.0	10:15	0.2	0.2	-
10:16	0.0	0.0	10:16	0.2	0.2	-
10:17	0.0	0.0	10:17	0.2	0.2	-
10:18	0.0	0.0	10:18	0.2	0.2	-
10:19	0.0	0.0	10:19	0.2	0.2	-
10:20	0.0	0.0	10:20	0.2	0.2	-
10:21	0.0	0.0	10:21	0.2	0.2	-
10:22	0.0	0.0	10:22	0.2	0.2	-
10:23	0.0	0.0	10:23	0.2	0.2	-
10:24	0.0	0.0	10:24	0.2	0.2	-
10:25	0.0	0.0	10:25	0.2	0.2	-
10:26	0.0	0.0	10:26	0.2	0.2	-
10:27	0.0	0.0	10:27	0.2	0.2	-
10:28	0.0	0.0	10:28	0.2	0.2	-
10:29	0.0	0.0	10:29	0.2	0.2	-
10:30	0.0	0.0	10:30	0.2	0.2	-
10:31	0.0	0.0	10:31	0.2	0.2	-
10:32	0.0	0.0	10:32	0.2	0.2	-
10:33	0.0	0.0	10:33	0.2	0.2	-
10:34	0.0	0.0	10:34	0.2	0.2	-
10:35	0.0	0.0	10:35	0.2	0.2	-
10:36	0.0	0.0	10:36	0.2	0.2	-
10:37	0.0	0.0	10:37	0.2	0.2	-
10:38	0.0	0.0	10:38	0.2	0.2	-
10:39	0.0	0.0	10:39	0.2	0.2	-
10:40	0.0	0.0	10:40	0.2	0.2	-
10:41	0.0	0.0	10:41	0.2	0.2	-
10:42	0.0	0.0	10:42	0.2	0.2	-
10:43	0.0	0.0	10:43	0.2	0.2	-
10:44	0.0	0.0	10:44	0.2	0.2	-
10:45	0.0	0.0	10:45	0.2	0.2	-
10:46	0.0	0.0	10:46	0.2	0.2	-
10:47	0.0	0.0	10:47	0.2	0.2	-
10:48	0.0	0.0	10:48	0.2	0.2	-
10:49	0.0	0.0	10:49	0.2	0.2	-
10:50	0.0	0.0	10:50	0.2	0.2	-
10:51	0.0	0.0	10:51	0.2	0.2	-
10:52	0.0	0.0	10:52	0.2	0.2	-
10:53	0.0	0.0	10:53	0.2	0.2	-
10:54	0.0	0.0	10:54	0.2	0.2	-
10:55	0.0	0.0	10:55	0.2	0.2	-
10:56	0.0	0.0	10:56	0.2	0.2	-
10:57	0.0	0.0	10:57	0.2	0.2	-
10:58	0.0	0.0	10:58	0.2	0.2	-
10:59	0.0	0.0	10:59	0.2	0.2	-
11:00	0.0	0.0	11:00	0.2	0.2	-
11:01	0.0	0.0	11:01	0.2	0.2	-
11:02	0.0	0.0	11:02	0.2	0.2	-
11:03	0.0	0.0	11:03	0.2	0.2	-
11:04	0.0	0.0	11:04	0.2	0.2	-
11:05	0.0	0.0	11:05	0.2	0.2	-
11:06	0.0	0.0	11:06	0.2	0.2	-
11:07	0.0	0.0	11:07	0.2	0.2	-
11:08	0.0	0.0	11:08	0.2	0.2	-
11:09	0.0	0.0	11:09	0.2	0.2	-
11:10	0.0	0.0	11:10	0.2	0.2	-
11:11	0.0	0.0	11:11	0.2	0.2	-
11:12	0.0	0.0	11:12	0.2	0.2	-
11:13	0.0	0.0	11:13	0.2	0.2	-
11:14	0.0	0.0	11:14	0.2	0.2	-
11:15	0.0	0.0	11:15	0.2	0.2	-
11:16	0.0	0.0	11:16	0.2	0.2	-
11:17	0.0	0.0	11:17	0.2	0.2	-
11:18	0.0	0.0	11:18	0.2	0.2	-
11:19	0.0	0.0	11:19	0.2	0.2	-
11:20	0.0	0.0	11:20	0.2	0.2	-
11:21	0.0	0.0	11:21	0.2	0.2	-
11:22	0.0	0.0	11:22	0.2	0.2	-
11:23	0.0	0.0	11:23	0.2	0.2	-
11:24	0.0	0.0	11:24	0.2	0.2	-
11:25	0.0	0.0	11:25	0.2	0.2	-
11:26	0.0	0.0	11:26	0.2	0.2	-
11:27	0.0	0.0	11:27	0.2	0.2	-
11:28	0.0	0.0	11:28	0.2	0.2	-
11:29	0.0	0.0	11:29	0.2	0.2	-
11:30	0.0	0.0	11:30	0.2	0.2	-
11:31	0.0	0.0	11:31	0.2	0.2	-
11:32	0.0	0.0	11:32	0.2	0.2	-
11:33	0.0	0.0	11:33	0.2	0.2	-
11:34	0.0	0.0	11:34	0.2	0.2	-
11:35	0.0	0.0	11:35	0.2	0.2	-
11:36	0.0	0.0	11:36	0.2	0.2	-
11:37	0.0	0.0	11:37	0.2	0.2	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
11:38	0.0	0.0	11:38	0.2	0.2	-
11:39	0.0	0.0	11:39	0.2	0.2	-
11:40	0.0	0.0	11:40	0.2	0.2	-
11:41	0.0	0.0	11:41	0.2	0.2	-
11:42	0.0	0.0	11:42	0.2	0.2	-
11:43	0.0	0.0	11:43	0.2	0.2	-
11:44	0.0	0.0	11:44	0.2	0.2	-
11:45	0.0	0.0	11:45	0.3	0.2	-
11:46	0.0	0.0	11:46	0.3	0.2	-
11:47	0.0	0.0	11:47	0.3	0.2	-
11:48	0.0	0.0	11:48	0.2	0.2	-
11:49	0.0	0.0	11:49	0.2	0.2	-
11:50	0.0	0.0	11:50	0.2	0.2	-
11:51	0.0	0.0	11:51	0.2	0.2	-
11:52	0.0	0.0	11:52	0.2	0.2	-
11:53	0.0	0.0	11:53	0.2	0.2	-
11:54	0.0	0.0	11:54	0.2	0.2	-
11:55	0.0	0.0	11:55	0.2	0.2	-
11:56	0.0	0.0	11:56	0.2	0.2	-
11:57	0.0	0.0	11:57	0.2	0.2	-
11:58	0.0	0.0	11:58	0.2	0.2	-
11:59	0.0	0.0	11:59	0.2	0.2	-
12:00	0.0	0.0	12:00	0.2	0.2	-
12:01	0.0	0.0	12:01	0.2	0.2	-
12:02	0.0	0.0	12:02	0.2	0.2	-
12:03	0.0	0.0	12:03	0.2	0.2	-
12:04	0.0	0.0	12:04	0.2	0.2	-
12:05	0.0	0.0	12:05	0.2	0.2	-
12:06	0.0	0.0	12:06	0.2	0.2	-
12:07	0.0	0.0	12:07	0.2	0.2	-
12:08	0.0	0.0	12:08	0.2	0.2	-
12:09	0.0	0.0	12:09	0.2	0.2	-
12:10	0.0	0.0	12:10	0.2	0.2	-
12:11	0.0	0.0	12:11	0.2	0.2	-
12:12	0.0	0.0	12:12	0.2	0.2	-
12:13	0.0	0.0	12:13	0.2	0.2	-
12:14	0.0	0.0	12:14	0.2	0.2	-
12:15	0.0	0.0	12:15	0.2	0.2	-
12:16	0.0	0.0	12:16	0.2	0.2	-
12:17	0.0	0.0	12:17	0.2	0.2	-
12:18	0.0	0.0	12:18	0.2	0.2	-
12:19	0.0	0.0	12:19	0.2	0.2	-
12:20	0.0	0.0	12:20	0.2	0.2	-
12:21	0.0	0.0	12:21	0.2	0.2	-
12:22	0.0	0.0	12:22	0.2	0.2	-
12:23	0.0	0.0	12:23	0.2	0.2	-
12:24	0.0	0.0	12:24	0.2	0.2	-
12:25	0.0	0.0	12:25	0.2	0.2	-
12:26	0.0	0.0	12:26	0.2	0.2	-
12:27	0.0	0.0	12:27	0.2	0.2	-
12:28	0.0	0.0	12:28	0.2	0.2	-
12:29	0.0	0.0	12:29	0.1	0.2	-
12:30	0.0	0.0	12:30	0.2	0.2	-
12:31	0.0	0.0	12:31	0.2	0.2	-
12:32	0.0	0.0	12:32	0.2	0.2	-
12:33	0.0	0.0	12:33	0.2	0.2	-
12:34	0.0	0.0	12:34	0.2	0.2	-
12:35	0.0	0.0	12:35	0.2	0.2	-
12:36	0.0	0.0	12:36	0.2	0.2	-
12:37	0.0	0.0	12:37	0.2	0.2	-
12:38	0.0	0.0	12:38	0.2	0.2	-
12:39	0.0	0.0	12:39	0.2	0.2	-
12:40	0.0	0.0	12:40	0.2	0.2	-
12:41	0.0	0.0	12:41	0.2	0.2	-
12:42	0.0	0.0	12:42	0.2	0.2	-
12:43	0.0	0.0	12:43	0.2	0.2	-
12:44	0.0	0.0	12:44	0.2	0.2	-
12:45	0.0	0.0	12:45	0.2	0.2	-
12:46	0.0	0.0	12:46	0.2	0.2	-
12:47	0.0	0.0	12:47	0.2	0.2	-
12:48	0.0	0.0	12:48	0.2	0.2	-
12:49	0.0	0.0	12:49	0.2	0.2	-
12:50	0.0	0.0	12:50	0.2	0.2	-
12:51	0.0	0.0	12:51	0.2	0.2	-
12:52	0.0	0.0	12:52	0.2	0.2	-
12:53	0.0	0.0	12:53	0.2	0.2	-
12:54	0.0	0.0	12:54	0.2	0.2	-
12:55	0.0	0.0	12:55	0.2	0.2	-
12:56	0.0	0.0	12:56	0.2	0.2	-
12:57	0.0	0.0	12:57	0.2	0.2	-
12:58	0.0	0.0	12:58	0.2	0.2	-
12:59	0.0	0.0	12:59	0.2	0.2	-
13:00	0.0	0.0	13:00	0.2	0.2	-
13:01	0.0	0.0	13:01	0.2	0.2	-
13:02	0.0	0.0	13:02	0.2	0.2	-
13:03	0.0	0.0	13:03	0.2	0.2	-
13:04	0.0	0.0	13:04	0.2	0.2	-
13:05	0.0	0.0	13:05	0.1	0.2	-
13:06	0.0	0.0	13:06	0.1	0.2	-
13:07	0.0	0.0	13:07	0.1	0.2	-
13:08	0.0	0.0	13:08	0.1	0.2	-
13:09	0.0	0.0	13:09	0.1	0.2	-
13:10	0.0	0.0	13:10	0.1	0.2	-
13:11	0.0	0.0	13:11	0.1	0.2	-
13:12	0.0	0.0	13:12	0.1	0.1	-
13:13	0.0	0.0	13:13	0.1	0.1	-
13:14	0.0	0.0	13:14	0.1	0.1	-
13:15	0.0	0.0	13:15	0.1	0.1	-
13:16	0.0	0.0	13:16	0.1	0.1	-
13:17	0.0	0.0	13:17	0.1	0.1	-
13:18	0.0	0.0	13:18	0.1	0.1	-
13:19	0.0	0.0	13:19	0.1	0.1	-
13:20	0.0	0.0	13:20	0.1	0.1	-
13:21	0.0	0.0	13:21	0.1	0.1	-
13:22	0.0	0.0	13:22	0.1	0.1	-
13:23	0.0	0.0	13:23	0.1	0.1	-
13:24	0.0	0.0	13:24	0.1	0.1	-
13:25	0.0	0.0	13:25	0.1	0.1	-
13:26	0.0	0.0	13:26	0.1	0.1	-
13:27	0.0	0.0	13:27	0.1	0.1	-
13:28	0.0	0.0	13:28	0.1	0.1	-
13:29	0.0	0.0	13:29	0.1	0.1	-
13:30	0.0	0.0	13:30	0.1	0.1	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
13:31	0.0	0.0				
13:32	0.0	0.0				
13:33	0.0	0.0				
13:34	0.0	0.0				
13:35	0.0	0.0				
13:36	0.0	0.0				
13:37	0.0	0.0				
13:38	0.0	0.0				
13:39	0.0	0.0				
13:40	0.0	0.0				
13:41	0.0	0.0				
13:42	0.0	0.0				
13:43	0.0	0.0				
13:44	0.0	0.0				
13:45	0.0	0.0				
13:46	0.0	0.0				
13:47	0.0	0.0				
13:48	0.0	0.0				
13:49	0.0	0.0				
13:50	0.0	0.0				
13:51	0.0	0.0				
13:52	0.0	0.0				
13:53	0.0	0.0				
13:54	0.0	0.0				
13:55	0.0	0.0				
13:56	0.0	0.0				
13:57	0.0	0.0				
13:58	0.0	0.0				
13:59	0.0	0.0				
14:00	0.0	0.0				
14:01	0.0	0.0				
14:02	0.0	0.0				
14:03	0.0	0.0				
14:04	0.0	0.0				
14:05	0.0	0.0				
14:06	0.0	0.0				
14:07	0.0	0.0				
14:08	0.0	0.0				
14:09	0.0	0.0				
14:10	0.0	0.0				
14:11	0.0	0.0				
14:12	0.0	0.0				

DAILY FIELD REPORT – Day 004

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Thursday, June 06, 2024
PROJECT No.:	170562203	**WEATHER:**	Rain, overcast, 70 to 83°F Wind: S @ 6 -- 14 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:30 – 15:00 (8.5 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT: Geoprobe 7822 DT MiniRAE 3000 Photoionization Detector Solinst Oil-Water Interface Probe	**PRESENT AT SITE:** **Langan:** Lisa Cristiano **Coastal Environmental Solutions, Inc. (Coastal):** Nick Turro, Jason Rosser

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Geoprobe 7822 DT drill rig to advance six soil borings (SBT-C, SBT-N, SBT-E, SBT-S, SBT-S_40, and SBT-W_40) to a depth of about 20 to 25 feet below grade surface (bgs) to investigate shallow tar-like material in the western part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - At SBT-C, black tar-like material was observed from about 2 to 2.5 feet, 6 to 7 feet, 10 to 11.5 feet, and 15 to 15.5 feet bgs. A maximum PID reading of 44.6 parts per million (ppm) was recorded at about 18 feet bgs.
    - At SBT-N, yellow tacky material was observed from about 3 to 3.5 feet bgs and about 6 feet bgs. A naphthalene-like odor, sheen, and a maximum PID reading of 65.7 ppm were recorded from about 13 to 18 feet bgs.
    - At SBT-E, yellow tacky material was observed from about 5 to 7 feet bgs and 11 to 11.5 feet bgs and a black tar-like material was observed from about 10 to 11 feet bgs. A naphthalene-like odor, sheen, and a maximum PID reading of 58.8 ppm were recorded from about 17.5 to 20 feet bgs.
    - At SBT-S, yellow tacky material was observed from about 6 to 7 feet bgs and a black tar-like material was observed from about 7 to 8 feet and 13.5 to 14.5 feet bgs. A black tacky material with a sheen was observed from about 10 to 13.5 feet bgs and about 15.5 to 16.5 feet bgs.
    - At SBT-S_40, a naphthalene-like odor, sheen, and a maximum PID reading of 78.2 ppm were recorded from about 6.5 to 7 feet and 12 to 21 feet bgs. A black tar-like material was observed from about 7 to 7.5 feet bgs.
    - At SBT-W_40, yellow tacky material was observed from about 6.5 to 7.5 feet bgs. No sheen, odors, or PID readings above background concentrations were recorded.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Sampling

- No samples were collected.

Community Air Monitoring

- The community air monitoring program was not implemented due to precipitation.

Material Tracking

- Investigation-derived waste (IDW) was containerized in 55-gallon drums. The drums were labeled and staged in the southeastern and northern parts of the site pending off-site disposal.

Total Drum Counts	
Soil	**Groundwater / Decon Water**
5	2

Anticipated Activities

- Coastal will remobilize the Sonic drill rig and continue implement the NAPL Investigation Work Plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Photographs:

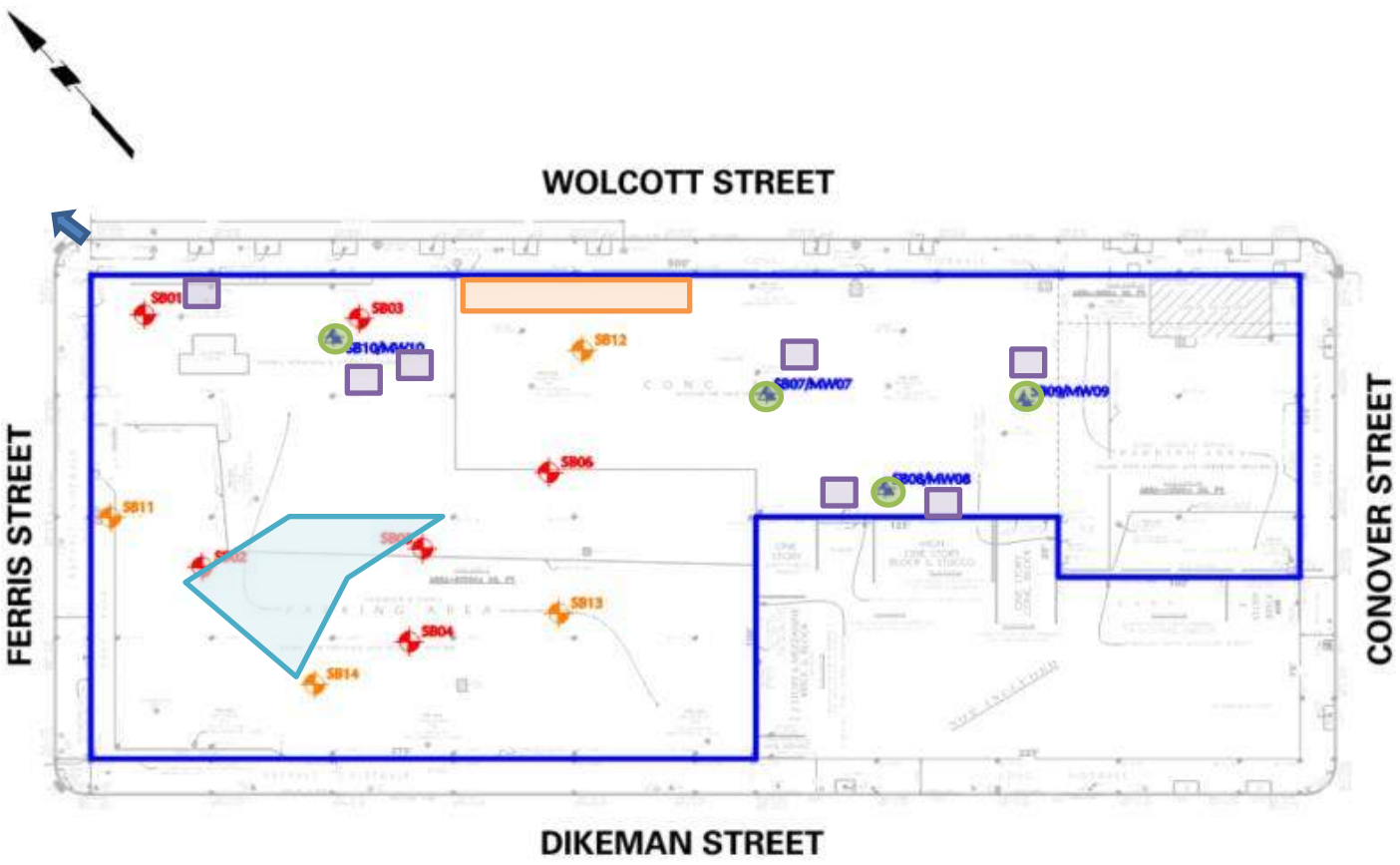
Photo 1: Coastal advancing soil boring SBT-E in the western part of the site (facing south).

Photo 2: SBT-S soil boring core from 10 to 15 feet bgs with black tacky material and sheen

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Upwind CAMP Station
- Downwind CAMP Station
- Wind Direction
- Soil Boring and/or Monitoring Well Completed
- Proposed DNAPL Delineation Soil Boring and Monitoring Well Location
- Proposed Continency DNAPL Delineation Step-Out Soil Boring Location
- Proposed LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)
- Tar-like Material Investigation Area

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 005

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Friday, June 07, 2024
PROJECT No.:	170562203	**WEATHER:**	Cloudy, 70 to 82°F Wind: SSW @ 6 – 12 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:20 – 15:15 (8.5 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
Versa-Sonic Drill Rig
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe

PRESENT AT SITE:
Langan: Lisa Cristiano
Coastal Environmental Solutions, Inc. (Coastal): Chris Slavin, Nick Turro

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance two soil borings (SB01 and SB05) to a depth of about 85 feet below grade surface (bgs) in the northern and western parts of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID).
    - At SB01, a maximum PID reading of 33.2 parts per million (ppm) was observed in fill recovered at about 10.5 feet bgs. No sheen, odors, or staining were detected in soil.
    - At SB05, a naphthalene-like odor, sheen, and a maximum PID reading of 82.8 ppm was observed from about 17 to 22 feet bgs. No sheen, odor, or staining was observed below about 22 feet bgs.
- Langan used an oil-water interface probe to gauge the depth to water (DTW) of MW07, MW08, MW09, and MW10. Light non-aqueous phase liquid was detected in MW07, as detailed below. Dense non-aqueous phase liquid was not detected in the monitoring wells, and LNAPL was not detected in MW08, MW09, and MW10. DTW and depth to LNAPL were measured in feet below the top of well casing (bTOC).
    - MW07: DTW = 8.89 feet bTOC; Depth to LNAPL = 8.88 feet bTOC
    - MW08: DTW = 8.72 feet bTOC
    - MW09: DTW = 9.02 feet bTOC
    - MW10: DTW = 6.64 feet bTOC

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) was containerized in 55-gallon drums. The drums were labeled and staged in the southeastern and northern parts of the site pending off-site disposal.

Total Drum Counts	
Soil	**Groundwater / Decon Water**
6	2

Anticipated Activities

- Coastal will continue to implement the NAPL Investigation Work Plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

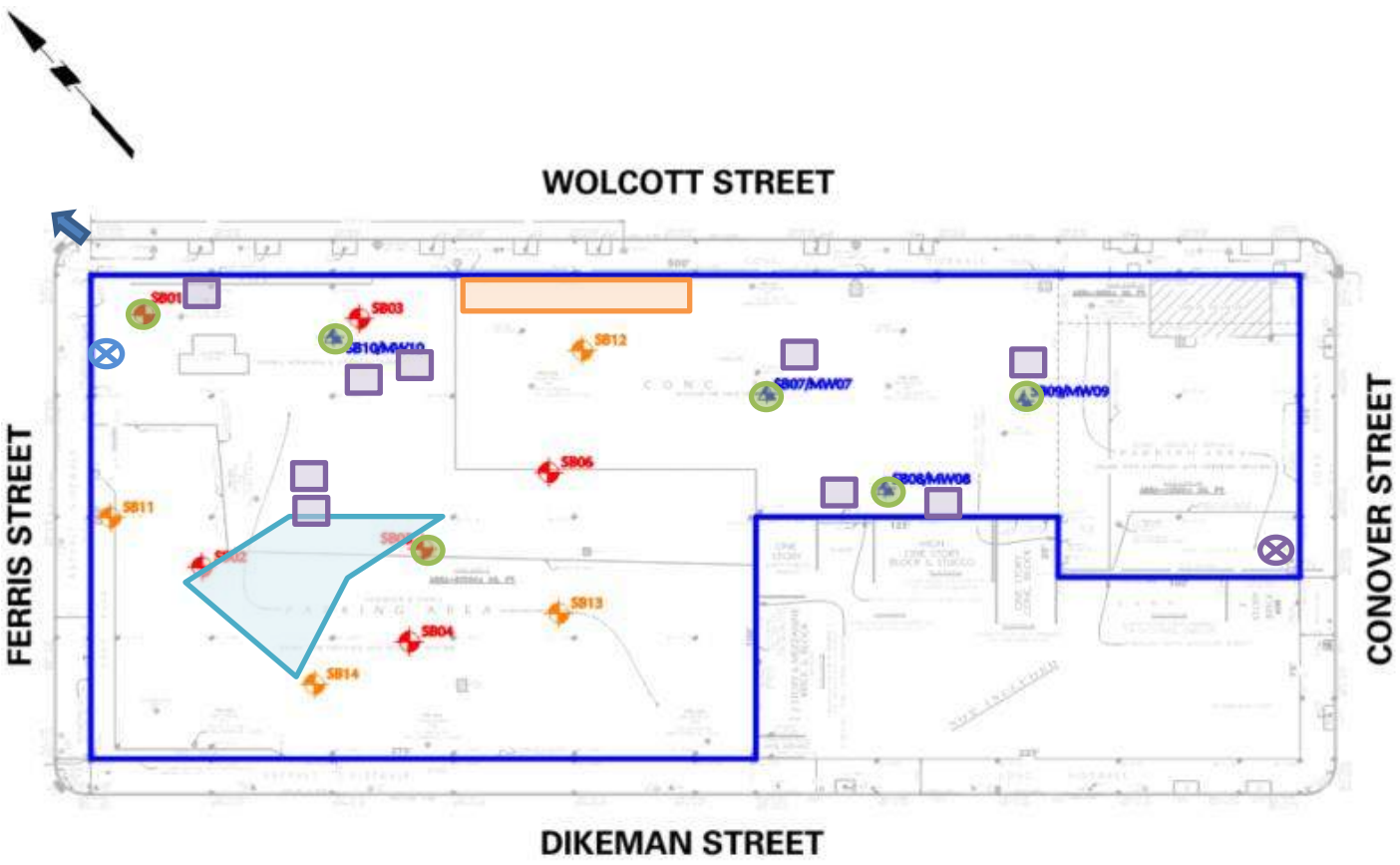
Photo 1: Coastal advancing soil boring SB05 in the western part of the site (facing south)

Photo 2: 55-gallon drum containing IDW (soil cuttings)

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

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Notes:

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LANGAN

145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 6/7/2024
Start: 6:08
End: 14:45
Observer: Lisa Cristiano

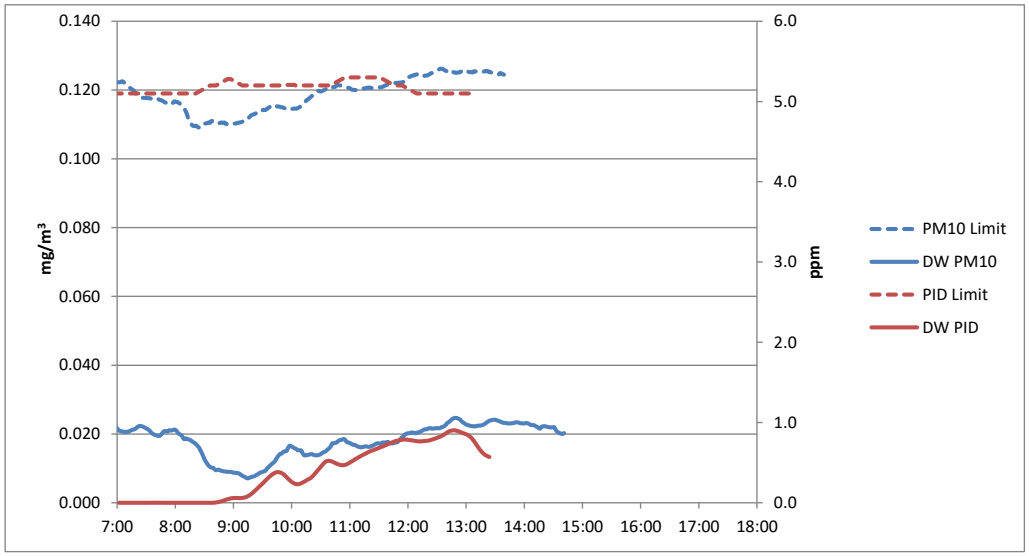
UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.020	0.018
Minimum 15min Average	0.009	0.007
Maximum 15min Average	0.026	0.025
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.008	0.006
Maximum 1min Reading	0.055	0.028

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise

Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.1	0.4
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.3	0.9
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.3	0.9

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise



Friday, June 7, 2024						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						462
Start Time:						6:39
End Time:						14:45
PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
6:39	0.055		6:39			
6:40	0.028		6:40			
6:41	0.028		6:41			
6:42	0.028		6:42			
6:43	0.029		6:43			
6:44	0.024		6:44			
6:45	0.023		6:45	0.031		
6:46	0.023		6:46	0.027		
6:47	0.022		6:47	0.024		
6:48	0.022		6:48	0.023		
6:49	0.022		6:49	0.021		
6:50	0.022		6:50	0.022		
6:51	0.022		6:51	0.021		
6:52	0.021	0.026	6:52	0.021		
6:53	0.022	0.026	6:53	0.021		
6:54	0.021	0.024	6:54	0.022		
6:55	0.021	0.023	6:55	0.022		
6:56	0.020	0.023	6:56	0.021		
6:57	0.021	0.022	6:57	0.021		
6:58	0.021	0.022	6:58	0.020		
6:59	0.020	0.022	6:59	0.020		
7:00	0.020	0.021	7:00	0.020	0.022	-
7:01	0.021	0.021	7:01	0.019	0.021	-
7:02	0.022	0.021	7:02	0.021	0.021	-
7:03	0.021	0.021	7:03	0.021	0.021	-
7:04	0.021	0.021	7:04	0.021	0.021	-
7:05	0.021	0.021	7:05	0.020	0.021	-
7:06	0.024	0.021	7:06	0.020	0.021	-
7:07	0.024	0.021	7:07	0.021	0.021	-
7:08	0.024	0.021	7:08	0.020	0.021	-
7:09	0.022	0.022	7:09	0.022	0.021	-
7:10	0.024	0.022	7:10	0.022	0.021	-
7:11	0.024	0.022	7:11	0.022	0.021	-
7:12	0.022	0.022	7:12	0.022	0.021	-
7:13	0.022	0.022	7:13	0.022	0.021	-
7:14	0.021	0.022	7:14	0.022	0.021	-
7:15	0.021	0.022	7:15	0.022	0.021	-
7:16	0.021	0.022	7:16	0.021	0.021	-
7:17	0.022	0.022	7:17	0.021	0.021	-
7:18	0.023	0.022	7:18	0.023	0.021	-
7:19	0.023	0.023	7:19	0.023	0.022	-
7:20	0.020	0.022	7:20	0.024	0.022	-
7:21	0.020	0.022	7:21	0.024	0.022	-
7:22	0.020	0.022	7:22	0.023	0.022	-
7:23	0.020	0.022	7:23	0.022	0.022	-
7:24	0.019	0.021	7:24	0.022	0.022	-
7:25	0.020	0.021	7:25	0.021	0.022	-
7:26	0.019	0.021	7:26	0.021	0.022	-
7:27	0.019	0.021	7:27	0.020	0.022	-
7:28	0.019	0.020	7:28	0.020	0.022	-
7:29	0.018	0.020	7:29	0.020	0.022	-
7:30	0.018	0.020	7:30	0.019	0.022	-
7:31	0.018	0.020	7:31	0.019	0.021	-
7:32	0.017	0.020	7:32	0.019	0.021	-
7:33	0.017	0.019	7:33	0.019	0.021	-
7:34	0.018	0.019	7:34	0.019	0.021	-
7:35	0.018	0.019	7:35	0.019	0.020	-
7:36	0.018	0.019	7:36	0.020	0.020	-
7:37	0.018	0.018	7:37	0.020	0.020	-
7:38	0.017	0.018	7:38	0.020	0.020	-
7:39	0.016	0.018	7:39	0.020	0.020	-
7:40	0.017	0.018	7:40	0.020	0.020	-
7:41	0.018	0.018	7:41	0.019	0.020	-
7:42	0.019	0.018	7:42	0.019	0.019	-
7:43	0.019	0.018	7:43	0.020	0.019	-
7:44	0.018	0.018	7:44	0.020	0.019	-
7:45	0.017	0.018	7:45	0.023	0.020	-
7:46	0.018	0.018	7:46	0.023	0.020	-
7:47	0.016	0.018	7:47	0.025	0.020	-
7:48	0.017	0.018	7:48	0.024	0.021	-
7:49	0.016	0.017	7:49	0.021	0.021	-
7:50	0.017	0.017	7:50	0.018	0.021	-
7:51	0.017	0.017	7:51	0.019	0.021	-
7:52	0.016	0.017	7:52	0.020	0.021	-
7:53	0.016	0.017	7:53	0.024	0.021	-
7:54	0.018	0.017	7:54	0.021	0.021	-
7:55	0.019	0.017	7:55	0.019	0.021	-
7:56	0.018	0.017	7:56	0.019	0.021	-
7:57	0.017	0.017	7:57	0.021	0.021	-
7:58	0.017	0.017	7:58	0.021	0.021	-
7:59	0.017	0.017	7:59	0.021	0.021	-
8:00	0.016	0.017	8:00	0.022	0.021	-
8:01	0.015	0.017	8:01	0.020	0.021	-
8:02	0.014	0.017	8:02	0.019	0.021	-
8:03	0.014	0.016	8:03	0.019	0.020	-
8:04	0.014	0.016	8:04	0.017	0.020	-
8:05	0.014	0.016	8:05	0.016	0.020	-
8:06	0.014	0.016	8:06	0.016	0.020	-
8:07	0.017	0.016	8:07	0.016	0.019	-
8:08	0.018	0.016	8:08	0.016	0.019	-
8:09	0.017	0.016	8:09	0.016	0.019	-
8:10	0.018	0.016	8:10	0.019	0.019	-
8:11	0.019	0.016	8:11	0.022	0.019	-
8:12	0.023	0.016	8:12	0.019	0.019	-
8:13	0.020	0.017	8:13	0.019	0.018	-
8:14	0.017	0.017	8:14	0.020	0.018	-
8:15	0.014	0.017	8:15	0.020	0.018	-
8:16	0.014	0.016	8:16	0.018	0.018	-
8:17	0.013	0.016	8:17	0.016	0.018	-
8:18	0.011	0.016	8:18	0.015	0.018	-
8:19	0.010	0.016	8:19	0.015	0.018	-
8:20	0.010	0.016	8:20	0.014	0.017	-
8:21	0.010	0.015	8:21	0.012	0.017	-
8:22	0.013	0.015	8:22	0.012	0.017	-
8:23	0.012	0.015	8:23	0.011	0.017	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
8:24	0.010	0.014	8:24	0.011	0.016	-
8:25	0.009	0.014	8:25	0.013	0.016	-
8:26	0.009	0.013	8:26	0.013	0.015	-
8:27	0.008	0.012	8:27	0.011	0.015	-
8:28	0.009	0.011	8:28	0.010	0.014	-
8:29	0.009	0.011	8:29	0.010	0.013	-
8:30	0.008	0.010	8:30	0.010	0.013	-
8:31	0.008	0.010	8:31	0.010	0.012	-
8:32	0.009	0.010	8:32	0.009	0.012	-
8:33	0.009	0.010	8:33	0.009	0.011	-
8:34	0.010	0.010	8:34	0.009	0.011	-
8:35	0.011	0.010	8:35	0.009	0.011	-
8:36	0.009	0.010	8:36	0.009	0.010	-
8:37	0.009	0.009	8:37	0.010	0.010	-
8:38	0.010	0.009	8:38	0.010	0.010	-
8:39	0.010	0.009	8:39	0.010	0.010	-
8:40	0.016	0.010	8:40	0.009	0.010	-
8:41	0.014	0.010	8:41	0.009	0.010	-
8:42	0.011	0.010	8:42	0.009	0.009	-
8:43	0.010	0.010	8:43	0.011	0.010	-
8:44	0.009	0.010	8:44	0.011	0.010	-
8:45	0.009	0.010	8:45	0.010	0.010	-
8:46	0.009	0.010	8:46	0.008	0.009	-
8:47	0.010	0.010	8:47	0.007	0.009	-
8:48	0.011	0.011	8:48	0.008	0.009	-
8:49	0.010	0.011	8:49	0.008	0.009	-
8:50	0.010	0.010	8:50	0.008	0.009	-
8:51	0.016	0.011	8:51	0.009	0.009	-
8:52	0.010	0.011	8:52	0.009	0.009	-
8:53	0.010	0.011	8:53	0.009	0.009	-
8:54	0.010	0.011	8:54	0.010	0.009	-
8:55	0.011	0.011	8:55	0.009	0.009	-
8:56	0.011	0.010	8:56	0.009	0.009	-
8:57	0.010	0.010	8:57	0.009	0.009	-
8:58	0.010	0.010	8:58	0.010	0.009	-
8:59	0.009	0.010	8:59	0.010	0.009	-
9:00	0.009	0.010	9:00	0.008	0.009	-
9:01	0.011	0.011	9:01	0.008	0.009	-
9:02	0.010	0.011	9:02	0.007	0.009	-
9:03	0.010	0.010	9:03	0.007	0.009	-
9:04	0.011	0.011	9:04	0.008	0.009	-
9:05	0.010	0.011	9:05	0.007	0.009	-
9:06	0.010	0.010	9:06	0.007	0.008	-
9:07	0.010	0.010	9:07	0.006	0.008	-
9:08	0.009	0.010	9:08	0.006	0.008	-
9:09	0.009	0.010	9:09	0.007	0.008	-
9:10	0.010	0.010	9:10	0.007	0.008	-
9:11	0.011	0.010	9:11	0.007	0.008	-
9:12	0.012	0.010	9:12	0.007	0.007	-
9:13	0.011	0.010	9:13	0.007	0.007	-
9:14	0.010	0.010	9:14	0.008	0.007	-
9:15	0.010	0.010	9:15	0.008	0.007	-
9:16	0.011	0.010	9:16	0.009	0.007	-
9:17	0.011	0.010	9:17	0.009	0.007	-
9:18	0.012	0.010	9:18	0.009	0.007	-
9:19	0.011	0.010	9:19	0.009	0.008	-
9:20	0.011	0.011	9:20	0.008	0.008	-
9:21	0.011	0.011	9:21	0.008	0.008	-
9:22	0.011	0.011	9:22	0.008	0.008	-
9:23	0.011	0.011	9:23	0.009	0.008	-
9:24	0.011	0.011	9:24	0.009	0.008	-
9:25	0.011	0.011	9:25	0.009	0.008	-
9:26	0.011	0.011	9:26	0.010	0.008	-
9:27	0.014	0.011	9:27	0.010	0.009	-
9:28	0.018	0.012	9:28	0.009	0.009	-
9:29	0.013	0.012	9:29	0.009	0.009	-
9:30	0.013	0.012	9:30	0.010	0.009	-
9:31	0.015	0.012	9:31	0.010	0.009	-
9:32	0.016	0.013	9:32	0.011	0.009	-
9:33	0.014	0.013	9:33	0.011	0.009	-
9:34	0.013	0.013	9:34	0.014	0.010	-
9:35	0.012	0.013	9:35	0.014	0.010	-
9:36	0.013	0.013	9:36	0.012	0.010	-
9:37	0.013	0.013	9:37	0.012	0.011	-
9:38	0.013	0.013	9:38	0.013	0.011	-
9:39	0.013	0.013	9:39	0.013	0.011	-
9:40	0.013	0.014	9:40	0.013	0.011	-
9:41	0.016	0.014	9:41	0.013	0.012	-
9:42	0.016	0.014	9:42	0.014	0.012	-
9:43	0.016	0.014	9:43	0.014	0.012	-
9:44	0.016	0.014	9:44	0.016	0.013	-
9:45	0.015	0.014	9:45	0.017	0.013	-
9:46	0.014	0.014	9:46	0.016	0.014	-
9:47	0.016	0.014	9:47	0.016	0.014	-
9:48	0.017	0.014	9:48	0.016	0.014	-
9:49	0.016	0.015	9:49	0.015	0.014	-
9:50	0.015	0.015	9:50	0.015	0.014	-
9:51	0.016	0.015	9:51	0.017	0.015	-
9:52	0.016	0.015	9:52	0.015	0.015	-
9:53	0.015	0.015	9:53	0.014	0.015	-
9:54	0.016	0.016	9:54	0.015	0.015	-
9:55	0.016	0.016	9:55	0.014	0.015	-
9:56	0.015	0.016	9:56	0.023	0.016	-
9:57	0.014	0.016	9:57	0.021	0.016	-
9:58	0.014	0.015	9:58	0.019	0.017	-
9:59	0.014	0.015	9:59	0.015	0.017	-
10:00	0.014	0.015	10:00	0.014	0.016	-
10:01	0.014	0.015	10:01	0.014	0.016	-
10:02	0.015	0.015	10:02	0.014	0.016	-
10:03	0.015	0.015	10:03	0.013	0.016	-
10:04	0.016	0.015	10:04	0.013	0.016	-
10:05	0.014	0.015	10:05	0.013	0.016	-
10:06	0.014	0.015	10:06	0.013	0.015	-
10:07	0.014	0.015	10:07	0.014	0.015	-
10:08	0.014	0.015	10:08	0.014	0.015	-
10:09	0.014	0.014	10:09	0.014	0.015	-
10:10	0.014	0.014	10:10	0.014	0.015	-
10:11	0.014	0.014	10:11	0.014	0.015	-
10:12	0.015	0.014	10:12	0.014	0.014	-
10:13	0.015	0.014	10:13	0.014	0.014	-
10:14	0.015	0.014	10:14	0.015	0.014	-
10:15	0.015	0.015	10:15	0.015	0.014	-
10:16	0.015	0.015	10:16	0.014	0.014	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
10:17	0.015	0.015	10:17	0.015	0.014	-
10:18	0.015	0.015	10:18	0.014	0.014	-
10:19	0.016	0.015	10:19	0.014	0.014	-
10:20	0.016	0.015	10:20	0.014	0.014	-
10:21	0.016	0.015	10:21	0.013	0.014	-
10:22	0.016	0.015	10:22	0.012	0.014	-
10:23	0.017	0.015	10:23	0.013	0.014	-
10:24	0.017	0.015	10:24	0.012	0.014	-
10:25	0.018	0.016	10:25	0.014	0.014	-
10:26	0.017	0.016	10:26	0.014	0.014	-
10:27	0.018	0.016	10:27	0.014	0.014	-
10:28	0.022	0.017	10:28	0.016	0.014	-
10:29	0.021	0.017	10:29	0.016	0.014	-
10:30	0.018	0.017	10:30	0.017	0.014	-
10:31	0.018	0.017	10:31	0.018	0.014	-
10:32	0.018	0.018	10:32	0.017	0.015	-
10:33	0.019	0.018	10:33	0.017	0.015	-
10:34	0.020	0.018	10:34	0.015	0.015	-
10:35	0.019	0.018	10:35	0.016	0.015	-
10:36	0.019	0.018	10:36	0.017	0.015	-
10:37	0.020	0.019	10:37	0.016	0.015	-
10:38	0.022	0.019	10:38	0.016	0.016	-
10:39	0.022	0.019	10:39	0.016	0.016	-
10:40	0.021	0.020	10:40	0.019	0.016	-
10:41	0.019	0.020	10:41	0.022	0.017	-
10:42	0.018	0.020	10:42	0.021	0.017	-
10:43	0.020	0.020	10:43	0.017	0.017	-
10:44	0.021	0.020	10:44	0.016	0.017	-
10:45	0.019	0.020	10:45	0.019	0.017	-
10:46	0.020	0.020	10:46	0.018	0.017	-
10:47	0.020	0.020	10:47	0.020	0.018	-
10:48	0.021	0.020	10:48	0.021	0.018	-
10:49	0.022	0.020	10:49	0.018	0.018	-
10:50	0.022	0.020	10:50	0.018	0.018	-
10:51	0.021	0.021	10:51	0.017	0.018	-
10:52	0.022	0.021	10:52	0.018	0.018	-
10:53	0.022	0.021	10:53	0.017	0.018	-
10:54	0.021	0.021	10:54	0.017	0.019	-
10:55	0.019	0.020	10:55	0.016	0.018	-
10:56	0.022	0.021	10:56	0.017	0.018	-
10:57	0.021	0.021	10:57	0.016	0.018	-
10:58	0.021	0.021	10:58	0.015	0.018	-
10:59	0.021	0.021	10:59	0.016	0.018	-
11:00	0.023	0.021	11:00	0.016	0.017	-
11:01	0.023	0.021	11:01	0.017	0.017	-
11:02	0.021	0.021	11:02	0.017	0.017	-
11:03	0.020	0.021	11:03	0.018	0.017	-
11:04	0.021	0.021	11:04	0.018	0.017	-
11:05	0.021	0.021	11:05	0.017	0.017	-
11:06	0.020	0.021	11:06	0.016	0.017	-
11:07	0.020	0.021	11:07	0.015	0.017	-
11:08	0.020	0.021	11:08	0.015	0.016	-
11:09	0.020	0.021	11:09	0.015	0.016	-
11:10	0.019	0.021	11:10	0.016	0.016	-
11:11	0.020	0.021	11:11	0.015	0.016	-
11:12	0.020	0.021	11:12	0.016	0.016	-
11:13	0.020	0.021	11:13	0.016	0.016	-
11:14	0.020	0.021	11:14	0.017	0.016	-
11:15	0.020	0.020	11:15	0.017	0.016	-
11:16	0.020	0.020	11:16	0.018	0.016	-
11:17	0.020	0.020	11:17	0.017	0.016	-
11:18	0.020	0.020	11:18	0.017	0.016	-
11:19	0.020	0.020	11:19	0.017	0.016	-
11:20	0.021	0.020	11:20	0.017	0.016	-
11:21	0.021	0.020	11:21	0.017	0.016	-
11:22	0.021	0.020	11:22	0.017	0.016	-
11:23	0.021	0.020	11:23	0.016	0.017	-
11:24	0.021	0.020	11:24	0.017	0.017	-
11:25	0.021	0.020	11:25	0.018	0.017	-
11:26	0.021	0.020	11:26	0.018	0.017	-
11:27	0.020	0.020	11:27	0.018	0.017	-
11:28	0.020	0.020	11:28	0.018	0.017	-
11:29	0.020	0.020	11:29	0.017	0.017	-
11:30	0.021	0.021	11:30	0.017	0.017	-
11:31	0.021	0.021	11:31	0.017	0.017	-
11:32	0.021	0.021	11:32	0.018	0.017	-
11:33	0.020	0.021	11:33	0.019	0.017	-
11:34	0.021	0.021	11:34	0.019	0.018	-
11:35	0.020	0.021	11:35	0.017	0.018	-
11:36	0.020	0.021	11:36	0.017	0.018	-
11:37	0.021	0.021	11:37	0.017	0.018	-
11:38	0.021	0.021	11:38	0.017	0.018	-
11:39	0.021	0.021	11:39	0.019	0.018	-
11:40	0.021	0.021	11:40	0.016	0.018	-
11:41	0.021	0.021	11:41	0.016	0.017	-
11:42	0.021	0.021	11:42	0.016	0.017	-
11:43	0.021	0.021	11:43	0.017	0.017	-
11:44	0.021	0.021	11:44	0.017	0.017	-
11:45	0.021	0.021	11:45	0.018	0.017	-
11:46	0.021	0.021	11:46	0.019	0.017	-
11:47	0.022	0.021	11:47	0.019	0.018	-
11:48	0.022	0.021	11:48	0.019	0.018	-
11:49	0.022	0.021	11:49	0.020	0.018	-
11:50	0.023	0.021	11:50	0.021	0.018	-
11:51	0.022	0.021	11:51	0.021	0.018	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
11:52	0.022	0.021	11:52	0.021	0.018	-
11:53	0.022	0.022	11:53	0.023	0.019	-
11:54	0.022	0.022	11:54	0.021	0.019	-
11:55	0.022	0.022	11:55	0.021	0.019	-
11:56	0.022	0.022	11:56	0.021	0.020	-
11:57	0.022	0.022	11:57	0.020	0.020	-
11:58	0.022	0.022	11:58	0.019	0.020	-
11:59	0.022	0.022	11:59	0.019	0.020	-
12:00	0.022	0.022	12:00	0.019	0.020	-
12:01	0.022	0.022	12:01	0.019	0.020	-
12:02	0.022	0.022	12:02	0.020	0.020	-
12:03	0.022	0.022	12:03	0.021	0.020	-
12:04	0.023	0.022	12:04	0.020	0.020	-
12:05	0.023	0.022	12:05	0.021	0.020	-
12:06	0.022	0.022	12:06	0.020	0.020	-
12:07	0.023	0.022	12:07	0.021	0.020	-
12:08	0.023	0.022	12:08	0.021	0.020	-
12:09	0.023	0.022	12:09	0.023	0.020	-
12:10	0.027	0.023	12:10	0.023	0.020	-
12:11	0.029	0.023	12:11	0.021	0.020	-
12:12	0.024	0.023	12:12	0.022	0.021	-
12:13	0.027	0.024	12:13	0.021	0.021	-
12:14	0.024	0.024	12:14	0.021	0.021	-
12:15	0.023	0.024	12:15	0.021	0.021	-
12:16	0.023	0.024	12:16	0.022	0.021	-
12:17	0.024	0.024	12:17	0.022	0.021	-
12:18	0.024	0.024	12:18	0.021	0.021	-
12:19	0.024	0.024	12:19	0.021	0.021	-
12:20	0.024	0.024	12:20	0.021	0.021	-
12:21	0.024	0.024	12:21	0.023	0.022	-
12:22	0.024	0.024	12:22	0.022	0.022	-
12:23	0.024	0.025	12:23	0.022	0.022	-
12:24	0.024	0.025	12:24	0.021	0.022	-
12:25	0.024	0.024	12:25	0.022	0.022	-
12:26	0.025	0.024	12:26	0.022	0.022	-
12:27	0.024	0.024	12:27	0.022	0.022	-
12:28	0.025	0.024	12:28	0.022	0.022	-
12:29	0.024	0.024	12:29	0.021	0.022	-
12:30	0.024	0.024	12:30	0.022	0.022	-
12:31	0.024	0.024	12:31	0.021	0.022	-
12:32	0.025	0.024	12:32	0.022	0.022	-
12:33	0.024	0.024	12:33	0.022	0.022	-
12:34	0.025	0.024	12:34	0.023	0.022	-
12:35	0.026	0.024	12:35	0.023	0.022	-
12:36	0.026	0.025	12:36	0.024	0.022	-
12:37	0.027	0.025	12:37	0.024	0.022	-
12:38	0.026	0.025	12:38	0.025	0.022	-
12:39	0.026	0.025	12:39	0.025	0.023	-
12:40	0.026	0.025	12:40	0.027	0.023	-
12:41	0.026	0.025	12:41	0.026	0.023	-
12:42	0.027	0.025	12:42	0.025	0.023	-
12:43	0.028	0.026	12:43	0.025	0.024	-
12:44	0.027	0.026	12:44	0.025	0.024	-
12:45	0.025	0.026	12:45	0.026	0.024	-
12:46	0.026	0.026	12:46	0.024	0.024	-
12:47	0.027	0.026	12:47	0.024	0.025	-
12:48	0.025	0.026	12:48	0.024	0.025	-
12:49	0.025	0.026	12:49	0.023	0.025	-
12:50	0.024	0.026	12:50	0.023	0.025	-
12:51	0.024	0.026	12:51	0.023	0.025	-
12:52	0.024	0.026	12:52	0.022	0.024	-
12:53	0.024	0.026	12:53	0.022	0.024	-
12:54	0.024	0.025	12:54	0.023	0.024	-
12:55	0.024	0.025	12:55	0.022	0.024	-
12:56	0.025	0.025	12:56	0.022	0.024	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
12:57	0.024	0.025	12:57	0.022	0.023	-
12:58	0.025	0.025	12:58	0.022	0.023	-
12:59	0.028	0.025	12:59	0.022	0.023	-
13:00	0.030	0.025	13:00	0.023	0.023	-
13:01	0.025	0.025	13:01	0.023	0.023	-
13:02	0.025	0.025	13:02	0.023	0.023	-
13:03	0.025	0.025	13:03	0.022	0.022	-
13:04	0.024	0.025	13:04	0.022	0.022	-
13:05	0.025	0.025	13:05	0.022	0.022	-
13:06	0.025	0.025	13:06	0.022	0.022	-
13:07	0.024	0.025	13:07	0.022	0.022	-
13:08	0.026	0.025	13:08	0.022	0.022	-
13:09	0.026	0.025	13:09	0.022	0.022	-
13:10	0.028	0.026	13:10	0.023	0.022	-
13:11	0.025	0.026	13:11	0.023	0.022	-
13:12	0.025	0.026	13:12	0.023	0.022	-
13:13	0.026	0.026	13:13	0.022	0.022	-
13:14	0.026	0.026	13:14	0.023	0.022	-
13:15	0.026	0.025	13:15	0.023	0.022	-
13:16	0.024	0.025	13:16	0.024	0.023	-
13:17	0.024	0.025	13:17	0.024	0.023	-
13:18	0.024	0.025	13:18	0.024	0.023	-
13:19	0.024	0.025	13:19	0.025	0.023	-
13:20	0.024	0.025	13:20	0.024	0.023	-
13:21	0.025	0.025	13:21	0.026	0.023	-
13:22	0.029	0.025	13:22	0.025	0.024	-
13:23	0.025	0.025	13:23	0.024	0.024	-
13:24	0.026	0.025	13:24	0.025	0.024	-
13:25	0.026	0.025	13:25	0.024	0.024	-
13:26	0.025	0.025	13:26	0.024	0.024	-
13:27	0.024	0.025	13:27	0.024	0.024	-
13:28	0.026	0.025	13:28	0.023	0.024	-
13:29	0.027	0.025	13:29	0.023	0.024	-
13:30	0.026	0.025	13:30	0.023	0.024	-
13:31	0.024	0.025	13:31	0.023	0.024	-
13:32	0.025	0.025	13:32	0.022	0.024	-
13:33	0.026	0.025	13:33	0.023	0.024	-
13:34	0.024	0.025	13:34	0.023	0.024	-
13:35	0.025	0.026	13:35	0.023	0.024	-
13:36	0.025	0.026	13:36	0.023	0.023	-
13:37	0.025	0.025	13:37	0.024	0.023	-
13:38	0.026	0.025	13:38	0.023	0.023	-
13:39	0.024	0.025	13:39	0.023	0.023	-
13:40	0.024	0.025	13:40	0.024	0.023	-
13:41	0.023	0.025	13:41	0.024	0.023	-
13:42	0.023	0.025	13:42	0.023	0.023	-
13:43	0.024	0.025	13:43	0.022	0.023	-
13:44	0.028	0.025	13:44	0.023	0.023	-
13:45	0.025	0.025	13:45	0.023	0.023	-
13:46	0.024	0.025	13:46	0.023	0.023	-
13:47	0.023	0.025	13:47	0.023	0.023	-
13:48	0.026	0.025	13:48	0.023	0.023	-
13:49	0.029	0.025	13:49	0.024	0.023	-
13:50	0.024	0.025	13:50	0.024	0.023	-
13:51	0.023	0.025	13:51	0.025	0.023	-
13:52	0.023	0.025	13:52	0.024	0.023	-
13:53	0.024	0.024	13:53	0.023	0.023	-
13:54	0.025	0.025	13:54	0.022	0.023	-
13:55	0.024	0.025	13:55	0.022	0.023	-
13:56	0.022	0.024	13:56	0.023	0.023	-
13:57	0.023	0.024	13:57	0.023	0.023	-
13:58	0.022	0.024	13:58	0.021	0.023	-
13:59	0.027	0.024	13:59	0.023	0.023	-
14:00	0.025	0.024	14:00	0.023	0.023	-
14:01	0.022	0.024	14:01	0.024	0.023	-
14:02	0.023	0.024	14:02	0.024	0.023	-
14:03	0.024	0.024	14:03	0.022	0.023	-
14:04	0.025	0.024	14:04	0.023	0.023	-
14:05	0.025	0.024	14:05	0.022	0.023	-
14:06	0.025	0.024	14:06	0.022	0.023	-
14:07	0.025	0.024	14:07	0.022	0.023	-
14:08	0.022	0.024	14:08	0.023	0.023	-
14:09	0.022	0.024	14:09	0.022	0.023	-
14:10	0.023	0.024	14:10	0.021	0.023	-
14:11	0.022	0.024	14:11	0.021	0.022	-
14:12	0.022	0.024	14:12	0.020	0.022	-
14:13	0.022	0.024	14:13	0.020	0.022	-
14:14	0.022	0.023	14:14	0.020	0.022	-
14:15	0.024	0.023	14:15	0.020	0.022	-
14:16	0.022	0.023	14:16	0.021	0.022	-
14:17	0.023	0.023	14:17	0.027	0.022	-
14:18	0.022	0.023	14:18	0.028	0.022	-
14:19	0.022	0.023	14:19	0.024	0.022	-
14:20	0.022	0.023	14:20	0.023	0.022	-
14:21	0.023	0.023	14:21	0.022	0.022	-
14:22	0.023	0.022	14:22	0.021	0.022	-
14:23	0.022	0.022	14:23	0.022	0.022	-
14:24	0.022	0.022	14:24	0.021	0.022	-
14:25	0.021	0.022	14:25	0.020	0.022	-
14:26	0.021	0.022	14:26	0.020	0.022	-
14:27	0.021	0.022	14:27	0.020	0.022	-
14:28	0.021	0.022	14:28	0.020	0.022	-
14:29	0.021	0.022	14:29	0.020	0.022	-
14:30	0.020	0.022	14:30	0.021	0.022	-
14:31	0.020	0.022	14:31	0.020	0.022	-
14:32	0.021	0.021	14:32	0.020	0.021	-
14:33	0.023	0.022	14:33	0.020	0.021	-
14:34	0.023	0.022	14:34	0.020	0.021	-
14:35	0.025	0.022	14:35	0.020	0.020	-
14:36	0.025	0.022	14:36	0.019	0.020	-
14:37	0.023	0.022	14:37	0.020	0.020	-
14:38	0.025	0.022	14:38	0.020	0.020	-
14:39	0.027	0.022	14:39	0.020	0.020	-
14:40	0.022	0.023	14:40	0.021	0.020	-
14:41	0.023	0.023	14:41	0.023	0.020	-
14:42	0.022	0.023	14:42			
14:43	0.022	0.023	14:43			
14:44	0.023	0.023	14:44			
14:45	0.023	0.023	14:45			

Friday, June 7, 2024						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						434
Start Time:						6:08
End Time:						14:44
PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
6:08	0.0		6:08			
6:09	0.0		6:09			
6:10	0.0		6:10			
6:11	0.0		6:11			
6:12	0.0		6:12			
6:13	0.0		6:13			
6:14	0.0		6:14			
6:15	0.0		6:15			
6:16	0.0		6:16			
6:17	0.0		6:17			
6:18	0.0		6:18			
6:19	0.0		6:19			
6:20	0.0		6:20			
6:21	0.0		6:21			
6:22	0.0		6:22			
6:23	0.0	0.0	6:23			
6:24	0.0	0.0	6:24			
6:25	0.0	0.0	6:25			
6:26	0.0	0.0	6:26			
6:27	0.0	0.0	6:27			
6:28	0.0	0.0	6:28			
6:29	0.0	0.0	6:29			
6:30	0.0	0.0	6:30			
6:31	0.0	0.0	6:31			
6:32	0.0	0.0	6:32			
6:33	0.0	0.0	6:33			
6:34	0.0	0.0	6:34			
6:35	0.0	0.0	6:35			
6:36	0.0	0.0	6:36			
6:37	0.0	0.0	6:37			
6:38	0.0	0.0	6:38			
6:39	0.0	0.0	6:39			
6:40	0.0	0.0	6:40			
6:41	0.0	0.0	6:41			
6:42	0.0	0.0	6:42			
6:43	0.0	0.0	6:43			
6:44	0.0	0.0	6:44			
6:45	0.0	0.0	6:45			
6:46	0.0	0.0	6:46			
6:47	0.0	0.0	6:47	0.0		
6:48	0.0	0.0	6:48	0.0		
6:49	0.0	0.0	6:49	0.0		
6:50	0.0	0.0	6:50	0.0		
6:51	0.0	0.0	6:51	0.0		
6:52	0.0	0.0	6:52	0.0		
6:53	0.0	0.0	6:53	0.0		
6:54	0.0	0.0	6:54	0.0		
6:55	0.0	0.0	6:55	0.0		
6:56	0.0	0.0	6:56	0.0		
6:57	0.0	0.0	6:57	0.0		
6:58	0.0	0.0	6:58	0.0		
6:59	0.1	0.0	6:59	0.0		
7:00	0.1	0.0	7:00	0.0		
7:01	0.1	0.0	7:01	0.0		
7:02	0.1	0.0	7:02	0.0	0.0	-
7:03	0.1	0.0	7:03	0.0	0.0	-
7:04	0.1	0.0	7:04	0.0	0.0	-
7:05	0.1	0.0	7:05	0.0	0.0	-
7:06	0.1	0.1	7:06	0.0	0.0	-
7:07	0.1	0.1	7:07	0.0	0.0	-
7:08	0.1	0.1	7:08	0.0	0.0	-
7:09	0.1	0.1	7:09	0.0	0.0	-
7:10	0.1	0.1	7:10	0.0	0.0	-
7:11	0.1	0.1	7:11	0.0	0.0	-
7:12	0.1	0.1	7:12	0.0	0.0	-
7:13	0.1	0.1	7:13	0.0	0.0	-
7:14	0.1	0.1	7:14	0.0	0.0	-
7:15	0.1	0.1	7:15	0.0	0.0	-
7:16	0.1	0.1	7:16	0.0	0.0	-
7:17	0.1	0.1	7:17	0.0	0.0	-
7:18	0.1	0.1	7:18	0.0	0.0	-
7:19	0.1	0.1	7:19	0.0	0.0	-
7:20	0.1	0.1	7:20	0.0	0.0	-
7:21	0.1	0.1	7:21	0.0	0.0	-
7:22	0.1	0.1	7:22	0.0	0.0	-
7:23	0.1	0.1	7:23	0.0	0.0	-
7:24	0.1	0.1	7:24	0.0	0.0	-
7:25	0.1	0.1	7:25	0.0	0.0	-
7:26	0.1	0.1	7:26	0.0	0.0	-
7:27	0.1	0.1	7:27	0.0	0.0	-
7:28	0.1	0.1	7:28	0.0	0.0	-
7:29	0.1	0.1	7:29	0.0	0.0	-
7:30	0.1	0.1	7:30	0.0	0.0	-
7:31	0.1	0.1	7:31	0.0	0.0	-
7:32	0.1	0.1	7:32	0.0	0.0	-
7:33	0.1	0.1	7:33	0.0	0.0	-
7:34	0.1	0.1	7:34	0.0	0.0	-
7:35	0.1	0.1	7:35	0.0	0.0	-
7:36	0.1	0.1	7:36	0.0	0.0	-
7:37	0.1	0.1	7:37	0.0	0.0	-
7:38	0.1	0.1	7:38	0.0	0.0	-
7:39	0.1	0.1	7:39	0.0	0.0	-
7:40	0.1	0.1	7:40	0.0	0.0	-
7:41	0.1	0.1	7:41	0.0	0.0	-
7:42	0.1	0.1	7:42	0.0	0.0	-
7:43	0.1	0.1	7:43	0.0	0.0	-
7:44	0.1	0.1	7:44	0.0	0.0	-
7:45	0.1	0.1	7:45	0.0	0.0	-
7:46	0.1	0.1	7:46	0.0	0.0	-
7:47	0.1	0.1	7:47	0.0	0.0	-
7:48	0.1	0.1	7:48	0.0	0.0	-
7:49	0.1	0.1	7:49	0.0	0.0	-
7:50	0.1	0.1	7:50	0.0	0.0	-
7:51	0.1	0.1	7:51	0.0	0.0	-
7:52	0.1	0.1	7:52	0.0	0.0	-
7:53	0.1	0.1	7:53	0.0	0.0	-
7:54	0.1	0.1	7:54	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
7:55	0.1	0.1	7:55	0.0	0.0	-
7:56	0.1	0.1	7:56	0.0	0.0	-
7:57	0.1	0.1	7:57	0.0	0.0	-
7:58	0.1	0.1	7:58	0.0	0.0	-
7:59	0.1	0.1	7:59	0.0	0.0	-
8:00	0.1	0.1	8:00	0.0	0.0	-
8:01	0.1	0.1	8:01	0.0	0.0	-
8:02	0.1	0.1	8:02	0.0	0.0	-
8:03	0.1	0.1	8:03	0.0	0.0	-
8:04	0.1	0.1	8:04	0.0	0.0	-
8:05	0.1	0.1	8:05	0.0	0.0	-
8:06	0.1	0.1	8:06	0.0	0.0	-
8:07	0.1	0.1	8:07	0.0	0.0	-
8:08	0.1	0.1	8:08	0.0	0.0	-
8:09	0.1	0.1	8:09	0.0	0.0	-
8:10	0.1	0.1	8:10	0.0	0.0	-
8:11	0.1	0.1	8:11	0.0	0.0	-
8:12	0.1	0.1	8:12	0.0	0.0	-
8:13	0.1	0.1	8:13	0.0	0.0	-
8:14	0.1	0.1	8:14	0.0	0.0	-
8:15	0.1	0.1	8:15	0.0	0.0	-
8:16	0.1	0.1	8:16	0.0	0.0	-
8:17	0.1	0.1	8:17	0.0	0.0	-
8:18	0.1	0.1	8:18	0.0	0.0	-
8:19	0.1	0.1	8:19	0.0	0.0	-
8:20	0.1	0.1	8:20	0.0	0.0	-
8:21	0.1	0.1	8:21	0.0	0.0	-
8:22	0.1	0.1	8:22	0.0	0.0	-
8:23	0.1	0.1	8:23	0.0	0.0	-
8:24	0.1	0.1	8:24	0.0	0.0	-
8:25	0.1	0.1	8:25	0.0	0.0	-
8:26	0.1	0.1	8:26	0.0	0.0	-
8:27	0.1	0.1	8:27	0.0	0.0	-
8:28	0.1	0.1	8:28	0.0	0.0	-
8:29	0.1	0.1	8:29	0.0	0.0	-
8:30	0.1	0.1	8:30	0.0	0.0	-
8:31	0.1	0.1	8:31	0.0	0.0	-
8:32	0.1	0.1	8:32	0.0	0.0	-
8:33	0.1	0.1	8:33	0.0	0.0	-
8:34	0.1	0.1	8:34	0.0	0.0	-
8:35	0.1	0.1	8:35	0.0	0.0	-
8:36	0.2	0.1	8:36	0.0	0.0	-
8:37	0.2	0.1	8:37	0.0	0.0	-
8:38	0.2	0.1	8:38	0.0	0.0	-
8:39	0.2	0.1	8:39	0.0	0.0	-
8:40	0.2	0.1	8:40	0.0	0.0	-
8:41	0.2	0.1	8:41	0.0	0.0	-
8:42	0.2	0.1	8:42	0.0	0.0	-
8:43	0.2	0.2	8:43	0.0	0.0	-
8:44	0.2	0.2	8:44	0.0	0.0	-
8:45	0.2	0.2	8:45	0.0	0.0	-
8:46	0.2	0.2	8:46	0.0	0.0	-
8:47	0.2	0.2	8:47	0.0	0.0	-
8:48	0.2	0.2	8:48	0.1	0.0	-
8:49	0.2	0.2	8:49	0.1	0.0	-
8:50	0.2	0.2	8:50	0.1	0.0	-
8:51	0.2	0.2	8:51	0.1	0.0	-
8:52	0.2	0.2	8:52	0.1	0.0	-
8:53	0.2	0.2	8:53	0.1	0.0	-
8:54	0.2	0.2	8:54	0.1	0.0	-
8:55	0.2	0.2	8:55	0.1	0.0	-
8:56	0.2	0.2	8:56	0.1	0.1	-
8:57	0.3	0.2	8:57	0.1	0.1	-
8:58	0.3	0.2	8:58	0.1	0.1	-
8:59	0.3	0.2	8:59	0.1	0.1	-
9:00	0.3	0.2	9:00	0.1	0.1	-
9:01	0.3	0.2	9:01	0.1	0.1	-
9:02	0.3	0.2	9:02	0.1	0.1	-
9:03	0.3	0.2	9:03	0.0	0.1	-
9:04	0.3	0.3	9:04	0.0	0.1	-
9:05	0.3	0.3	9:05	0.1	0.1	-
9:06	0.3	0.3	9:06	0.1	0.1	-
9:07	0.3	0.3	9:07	0.1	0.1	-
9:08	0.3	0.3	9:08	0.1	0.1	-
9:09	0.2	0.3	9:09	0.1	0.1	-
9:10	0.2	0.3	9:10	0.1	0.1	-
9:11	0.2	0.3	9:11	0.1	0.1	-
9:12	0.2	0.3	9:12	0.1	0.1	-
9:13	0.2	0.3	9:13	0.1	0.1	-
9:14	0.2	0.3	9:14	0.1	0.1	-
9:15	0.2	0.3	9:15	0.1	0.1	-
9:16	0.2	0.2	9:16	0.2	0.1	-
9:17	0.2	0.2	9:17	0.2	0.1	-
9:18	0.2	0.2	9:18	0.2	0.1	-
9:19	0.2	0.2	9:19	0.2	0.1	-
9:20	0.2	0.2	9:20	0.2	0.1	-
9:21	0.2	0.2	9:21	0.2	0.1	-
9:22	0.2	0.2	9:22	0.2	0.1	-
9:23	0.2	0.2	9:23	0.3	0.2	-
9:24	0.2	0.2	9:24	0.3	0.2	-
9:25	0.2	0.2	9:25	0.3	0.2	-
9:26	0.2	0.2	9:26	0.3	0.2	-
9:27	0.2	0.2	9:27	0.3	0.2	-
9:28	0.2	0.2	9:28	0.3	0.2	-
9:29	0.2	0.2	9:29	0.3	0.2	-
9:30	0.2	0.2	9:30	0.3	0.2	-
9:31	0.2	0.2	9:31	0.3	0.3	-
9:32	0.2	0.2	9:32	0.4	0.3	-
9:33	0.2	0.2	9:33	0.4	0.3	-
9:34	0.2	0.2	9:34	0.4	0.3	-
9:35	0.2	0.2	9:35	0.4	0.3	-
9:36	0.2	0.2	9:36	0.4	0.3	-
9:37	0.2	0.2	9:37	0.4	0.3	-
9:38	0.2	0.2	9:38	0.4	0.3	-
9:39	0.2	0.2	9:39	0.4	0.3	-
9:40	0.2	0.2	9:40	0.4	0.4	-
9:41	0.2	0.2	9:41	0.4	0.4	-
9:42	0.2	0.2	9:42	0.4	0.4	-
9:43	0.2	0.2	9:43	0.4	0.4	-
9:44	0.2	0.2	9:44	0.4	0.4	-
9:45	0.2	0.2	9:45	0.4	0.4	-
9:46	0.2	0.2	9:46	0.3	0.4	-
9:47	0.2	0.2	9:47	0.3	0.4	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
9:48	0.2	0.2	9:48	0.3	0.4	-
9:49	0.2	0.2	9:49	0.3	0.4	-
9:50	0.2	0.2	9:50	0.3	0.4	-
9:51	0.2	0.2	9:51	0.3	0.4	-
9:52	0.2	0.2	9:52	0.3	0.4	-
9:53	0.2	0.2	9:53	0.2	0.3	-
9:54	0.2	0.2	9:54	0.2	0.3	-
9:55	0.2	0.2	9:55	0.2	0.3	-
9:56	0.2	0.2	9:56	0.2	0.3	-
9:57	0.2	0.2	9:57	0.2	0.3	-
9:58	0.2	0.2	9:58	0.2	0.3	-
9:59	0.2	0.2	9:59	0.2	0.3	-
10:00	0.2	0.2	10:00	0.2	0.3	-
10:01	0.2	0.2	10:01	0.2	0.3	-
10:02	0.2	0.2	10:02	0.2	0.2	-
10:03	0.3	0.2	10:03	0.2	0.2	-
10:04	0.2	0.2	10:04	0.2	0.2	-
10:05	0.2	0.2	10:05	0.3	0.2	-
10:06	0.2	0.2	10:06	0.3	0.2	-
10:07	0.2	0.2	10:07	0.3	0.2	-
10:08	0.2	0.2	10:08	0.3	0.2	-
10:09	0.2	0.2	10:09	0.3	0.2	-
10:10	0.2	0.2	10:10	0.3	0.2	-
10:11	0.2	0.2	10:11	0.3	0.3	-
10:12	0.2	0.2	10:12	0.3	0.3	-
10:13	0.2	0.2	10:13	0.3	0.3	-
10:14	0.2	0.2	10:14	0.3	0.3	-
10:15	0.2	0.2	10:15	0.3	0.3	-
10:16	0.2	0.2	10:16	0.3	0.3	-
10:17	0.2	0.2	10:17	0.3	0.3	-
10:18	0.2	0.2	10:18	0.3	0.3	-
10:19	0.2	0.2	10:19	0.3	0.3	-
10:20	0.2	0.2	10:20	0.4	0.3	-
10:21	0.2	0.2	10:21	0.4	0.3	-
10:22	0.2	0.2	10:22	0.5	0.3	-
10:23	0.2	0.2	10:23	0.5	0.3	-
10:24	0.2	0.2	10:24	0.5	0.4	-
10:25	0.2	0.2	10:25	0.5	0.4	-
10:26	0.2	0.2	10:26	0.5	0.4	-
10:27	0.2	0.2	10:27	0.5	0.4	-
10:28	0.2	0.2	10:28	0.5	0.4	-
10:29	0.2	0.2	10:29	0.5	0.4	-
10:30	0.2	0.2	10:30	0.5	0.4	-
10:31	0.2	0.2	10:31	0.5	0.5	-
10:32	0.2	0.2	10:32	0.5	0.5	-
10:33	0.2	0.2	10:33	0.5	0.5	-
10:34	0.2	0.2	10:34	0.5	0.5	-
10:35	0.2	0.2	10:35	0.5	0.5	-
10:36	0.2	0.2	10:36	0.5	0.5	-
10:37	0.2	0.2	10:37	0.5	0.5	-
10:38	0.2	0.2	10:38	0.5	0.5	-
10:39	0.2	0.2	10:39	0.5	0.5	-
10:40	0.2	0.2	10:40	0.5	0.5	-
10:41	0.2	0.2	10:41	0.5	0.5	-
10:42	0.2	0.2	10:42	0.5	0.5	-
10:43	0.2	0.2	10:43	0.4	0.5	-
10:44	0.2	0.2	10:44	0.4	0.5	-
10:45	0.2	0.2	10:45	0.4	0.5	-
10:46	0.2	0.2	10:46	0.4	0.5	-
10:47	0.2	0.2	10:47	0.5	0.5	-
10:48	0.2	0.2	10:48	0.5	0.5	-
10:49	0.2	0.2	10:49	0.5	0.5	-
10:50	0.2	0.2	10:50	0.5	0.5	-
10:51	0.2	0.2	10:51	0.5	0.5	-
10:52	0.2	0.2	10:52	0.5	0.5	-
10:53	0.2	0.2	10:53	0.5	0.5	-
10:54	0.2	0.2	10:54	0.5	0.5	-
10:55	0.3	0.2	10:55	0.5	0.5	-
10:56	0.3	0.2	10:56	0.5	0.5	-
10:57	0.3	0.2	10:57	0.5	0.5	-
10:58	0.3	0.2	10:58	0.5	0.5	-
10:59	0.3	0.2	10:59	0.5	0.5	-
11:00	0.3	0.2	11:00	0.6	0.5	-
11:01	0.3	0.2	11:01	0.6	0.5	-
11:02	0.3	0.3	11:02	0.6	0.5	-
11:03	0.3	0.3	11:03	0.6	0.5	-
11:04	0.3	0.3	11:04	0.6	0.5	-
11:05	0.3	0.3	11:05	0.6	0.5	-
11:06	0.3	0.3	11:06	0.6	0.5	-
11:07	0.3	0.3	11:07	0.6	0.6	-
11:08	0.3	0.3	11:08	0.6	0.6	-
11:09	0.3	0.3	11:09	0.6	0.6	-
11:10	0.3	0.3	11:10	0.6	0.6	-
11:11	0.3	0.3	11:11	0.6	0.6	-
11:12	0.3	0.3	11:12	0.6	0.6	-
11:13	0.3	0.3	11:13	0.6	0.6	-
11:14	0.3	0.3	11:14	0.6	0.6	-
11:15	0.3	0.3	11:15	0.6	0.6	-
11:16	0.3	0.3	11:16	0.6	0.6	-
11:17	0.3	0.3	11:17	0.7	0.6	-
11:18	0.3	0.3	11:18	0.7	0.6	-
11:19	0.3	0.3	11:19	0.7	0.6	-
11:20	0.3	0.3	11:20	0.7	0.6	-
11:21	0.3	0.3	11:21	0.7	0.6	-
11:22	0.3	0.3	11:22	0.7	0.6	-
11:23	0.3	0.3	11:23	0.7	0.7	-
11:24	0.3	0.3	11:24	0.7	0.7	-
11:25	0.3	0.3	11:25	0.7	0.7	-
11:26	0.3	0.3	11:26	0.7	0.7	-
11:27	0.3	0.3	11:27	0.7	0.7	-
11:28	0.3	0.3	11:28	0.7	0.7	-
11:29	0.3	0.3	11:29	0.7	0.7	-
11:30	0.3	0.3	11:30	0.7	0.7	-
11:31	0.3	0.3	11:31	0.7	0.7	-
11:32	0.3	0.3	11:32	0.7	0.7	-
11:33	0.3	0.3	11:33	0.7	0.7	-
11:34	0.3	0.3	11:34	0.7	0.7	-
11:35	0.3	0.3	11:35	0.8	0.7	-
11:36	0.3	0.3	11:36	0.8	0.7	-
11:37	0.3	0.3	11:37	0.8	0.7	-
11:38	0.3	0.3	11:38	0.8	0.7	-
11:39	0.3	0.3	11:39	0.8	0.7	-
11:40	0.3	0.3	11:40	0.8	0.7	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
11:41	0.3	0.3	11:41	0.8	0.7	-
11:42	0.3	0.3	11:42	0.8	0.7	-
11:43	0.3	0.3	11:43	0.8	0.7	-
11:44	0.3	0.3	11:44	0.8	0.8	-
11:45	0.3	0.3	11:45	0.8	0.8	-
11:46	0.2	0.3	11:46	0.8	0.8	-
11:47	0.2	0.3	11:47	0.8	0.8	-
11:48	0.2	0.3	11:48	0.8	0.8	-
11:49	0.2	0.3	11:49	0.8	0.8	-
11:50	0.2	0.3	11:50	0.8	0.8	-
11:51	0.2	0.3	11:51	0.8	0.8	-
11:52	0.2	0.3	11:52	0.8	0.8	-
11:53	0.2	0.2	11:53	0.8	0.8	-
11:54	0.2	0.2	11:54	0.8	0.8	-
11:55	0.2	0.2	11:55	0.8	0.8	-
11:56	0.2	0.2	11:56	0.8	0.8	-
11:57	0.2	0.2	11:57	0.8	0.8	-
11:58	0.2	0.2	11:58	0.8	0.8	-
11:59	0.2	0.2	11:59	0.8	0.8	-
12:00	0.2	0.2	12:00	0.8	0.8	-
12:01	0.2	0.2	12:01	0.8	0.8	-
12:02	0.2	0.2	12:02	0.8	0.8	-
12:03	0.2	0.2	12:03	0.8	0.8	-
12:04	0.2	0.2	12:04	0.8	0.8	-
12:05	0.2	0.2	12:05	0.8	0.8	-
12:06	0.2	0.2	12:06	0.8	0.8	-
12:07	0.2	0.2	12:07	0.8	0.8	-
12:08	0.2	0.2	12:08	0.8	0.8	-
12:09	0.1	0.2	12:09	0.8	0.8	-
12:10	0.1	0.2	12:10	0.8	0.8	-
12:11	0.1	0.2	12:11	0.8	0.8	-
12:12	0.1	0.2	12:12	0.8	0.8	-
12:13	0.1	0.2	12:13	0.8	0.8	-
12:14	0.1	0.2	12:14	0.8	0.8	-
12:15	0.1	0.2	12:15	0.8	0.8	-
12:16	0.1	0.1	12:16	0.8	0.8	-
12:17	0.1	0.1	12:17	0.8	0.8	-
12:18	0.1	0.1	12:18	0.8	0.8	-
12:19	0.1	0.1	12:19	0.8	0.8	-
12:20	0.1	0.1	12:20	0.8	0.8	-
12:21	0.1	0.1	12:21	0.8	0.8	-
12:22	0.1	0.1	12:22	0.8	0.8	-
12:23	0.1	0.1	12:23	0.8	0.8	-
12:24	0.1	0.1	12:24	0.8	0.8	-
12:25	0.1	0.1	12:25	0.8	0.8	-
12:26	0.1	0.1	12:26	0.8	0.8	-
12:27	0.1	0.1	12:27	0.8	0.8	-
12:28	0.1	0.1	12:28	0.8	0.8	-
12:29	0.1	0.1	12:29	0.8	0.8	-
12:30	0.1	0.1	12:30	0.8	0.8	-
12:31	0.1	0.1	12:31	0.9	0.8	-
12:32	0.1	0.1	12:32	0.8	0.8	-
12:33	0.1	0.1	12:33	0.9	0.8	-
12:34	0.1	0.1	12:34	0.9	0.8	-
12:35	0.1	0.1	12:35	0.9	0.8	-
12:36	0.1	0.1	12:36	0.9	0.8	-
12:37	0.1	0.1	12:37	0.9	0.8	-
12:38	0.1	0.1	12:38	0.9	0.9	-
12:39	0.1	0.1	12:39	0.9	0.9	-
12:40	0.1	0.1	12:40	0.9	0.9	-
12:41	0.1	0.1	12:41	0.9	0.9	-
12:42	0.1	0.1	12:42	0.9	0.9	-
12:43	0.1	0.1	12:43	0.9	0.9	-
12:44	0.1	0.1	12:44	0.9	0.9	-
12:45	0.1	0.1	12:45	0.9	0.9	-
12:46	0.1	0.1	12:46	0.9	0.9	-
12:47	0.1	0.1	12:47	0.9	0.9	-
12:48	0.1	0.1	12:48	0.9	0.9	-
12:49	0.1	0.1	12:49	0.8	0.9	-
12:50	0.1	0.1	12:50	0.8	0.9	-
12:51	0.1	0.1	12:51	0.8	0.9	-
12:52	0.1	0.1	12:52	0.9	0.9	-
12:53	0.1	0.1	12:53	0.9	0.9	-
12:54	0.1	0.1	12:54	0.9	0.9	-
12:55	0.1	0.1	12:55	0.9	0.9	-
12:56	0.1	0.1	12:56	0.9	0.9	-
12:57	0.1	0.1	12:57	0.9	0.9	-
12:58	0.1	0.1	12:58	0.9	0.9	-
12:59	0.1	0.1	12:59	0.8	0.9	-
13:00	0.1	0.1	13:00	0.8	0.9	-
13:01	0.1	0.1	13:01	0.8	0.8	-
13:02	0.1	0.1	13:02	0.8	0.8	-
13:03	0.1	0.1	13:03	0.7	0.8	-
13:04	0.1	0.1	13:04	0.7	0.8	-
13:05	0.1	0.1	13:05	0.7	0.8	-
13:06	0.1	0.1	13:06	0.6	0.8	-
13:07	0.1	0.1	13:07	0.6	0.8	-
13:08	0.1	0.1	13:08	0.6	0.8	-
13:09	0.1	0.1	13:09	0.6	0.8	-
13:10	0.1	0.1	13:10	0.6	0.7	-
13:11	0.1	0.1	13:11	0.6	0.7	-
13:12	0.1	0.1	13:12	0.6	0.7	-
13:13	0.1	0.1	13:13	0.6	0.7	-
13:14	0.1	0.1	13:14	0.6	0.7	-
13:15	0.1	0.1	13:15	0.6	0.6	-
13:16	0.1	0.1	13:16	0.6	0.6	-
13:17	0.1	0.1	13:17	0.6	0.6	-
13:18	0.1	0.1	13:18	0.6	0.6	-
13:19	0.1	0.1	13:19	0.6	0.6	-
13:20	0.1	0.1	13:20	0.6	0.6	-
13:21	0.0	0.1	13:21	0.5	0.6	-
13:22	0.0	0.1	13:22	0.5	0.6	-
13:23	0.0	0.1	13:23	0.5	0.6	-
13:24	0.0	0.1	13:24	0.5	0.6	-
13:25	0.0	0.1	13:25	0.5	0.6	-
13:26	0.0	0.1	13:26	0.5	0.6	-
13:27	0.0	0.1	13:27	0.5	0.6	-
13:28	0.0	0.0	13:28	0.5	0.5	-
13:29	0.0	0.0	13:29	0.5	0.5	-
13:30	0.0	0.0	13:30	0.5	0.5	-
13:31	0.0	0.0	13:31	0.6	0.5	-
13:32	0.0	0.0	13:32	0.6	0.5	-
13:33	0.0	0.0	13:33	0.6	0.5	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
13:34	0.0	0.0	13:34	0.6	0.5	-
13:35	0.0	0.0	13:35	0.6	0.6	-
13:36	0.0	0.0	13:36	0.6	0.6	-
13:37	0.0	0.0	13:37	0.6	0.6	-
13:38	0.0	0.0	13:38	0.6	0.6	-
13:39	0.0	0.0	13:39	0.6	0.6	-
13:40	0.0	0.0	13:40	0.6	0.6	-
13:41	0.0	0.0	13:41	0.6	0.6	-
13:42	0.0	0.0	13:42	0.6	0.6	-
13:43	0.0	0.0	13:43	0.6	0.6	-
13:44	0.0	0.0	13:44	0.6	0.6	-
13:45	0.0	0.0	13:45	0.6	0.6	-
13:46	0.0	0.0	13:46	0.6	0.6	-
13:47	0.0	0.0	13:47	0.6	0.6	-
13:48	0.0	0.0	13:48	0.6	0.6	-
13:49	0.0	0.0	13:49	0.6	0.6	-
13:50	0.0	0.0	13:50	0.6	0.6	-
13:51	0.0	0.0	13:51	0.6	0.6	-
13:52	0.0	0.0	13:52	0.5	0.6	-
13:53	0.0	0.0	13:53	0.5	0.6	-
13:54	0.0	0.0	13:54	0.5	0.6	-
13:55	0.0	0.0	13:55	0.5	0.6	-
13:56	0.0	0.0	13:56	0.5	0.6	-
13:57	0.0	0.0	13:57	0.5	0.5	-
13:58	0.0	0.0	13:58	0.5	0.5	-
13:59	0.0	0.0	13:59	0.5	0.5	-
14:00	0.0	0.0	14:00	0.5	0.5	-
14:01	0.0	0.0	14:01	0.4	0.5	-
14:02	0.0	0.0	14:02	0.4	0.5	-
14:03	0.0	0.0	14:03	0.4	0.5	-
14:04	0.0	0.0	14:04	0.4	0.5	-
14:05	0.0	0.0	14:05	0.4	0.5	-
14:06	0.0	0.0	14:06	0.4	0.5	-
14:07	0.0	0.0	14:07	0.4	0.5	-
14:08	0.0	0.0	14:08	0.4	0.4	-
14:09	0.0	0.0	14:09	0.4	0.4	-
14:10	0.0	0.0	14:10	0.4	0.4	-
14:11	0.0	0.0	14:11	0.4	0.4	-
14:12	0.0	0.0	14:12	0.4	0.4	-
14:13	0.0	0.0	14:13	0.4	0.4	-
14:14	0.0	0.0	14:14	0.4	0.4	-
14:15	0.0	0.0	14:15	0.4	0.4	-
14:16			14:16	0.4	0.4	
14:17			14:17	0.4	0.4	
14:18			14:18	0.4	0.4	
14:19			14:19	0.4	0.4	
14:20			14:20	0.4	0.4	
14:21			14:21	0.4	0.4	
14:22			14:22	0.4	0.4	
14:23			14:23	0.4	0.4	
14:24			14:24	0.4	0.4	
14:25			14:25	0.4	0.4	
14:26			14:26	0.4	0.4	
14:27			14:27	0.4	0.4	
14:28			14:28	0.4	0.4	
14:29			14:29	0.4	0.4	
14:30			14:30	0.5	0.4	
14:31			14:31	0.5	0.4	
14:32			14:32	0.5	0.4	
14:33			14:33	0.5	0.4	
14:34			14:34	0.4	0.4	
14:35			14:35	0.4	0.4	
14:36			14:36	0.4	0.4	
14:37			14:37	0.4	0.4	
14:38			14:38	0.4	0.4	
14:39			14:39	0.4	0.4	
14:40			14:40	0.4	0.4	
14:41			14:41	0.4	0.4	
14:42			14:42	0.4	0.4	
14:43			14:43	0.2	0.4	
14:44			14:44	0.0	0.4	

DAILY FIELD REPORT – Day 006

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Monday, June 10, 2024
PROJECT No.:	170562203	**WEATHER:**	Cloudy, 63 to 75°F Wind: WNW @ 7 -- 14 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:20 – 14:50 (8.5 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
Versa-Sonic Drill Rig
MiniRAE 3000 Photoionization Detector

PRESENT AT SITE:
Langan: Lisa Cristiano
Coastal Environmental Solutions, Inc. (Coastal): Chris Slavin, Nick Turro

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance one soil boring (SB03) to a depth of about 85 feet below grade surface (bgs) in the northeastern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID).
    - No sheen, odors, or PID readings above background concentrations (1.0 parts per million) were detected.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Material Tracking

- Investigation-derived waste (IDW) was containerized in 55-gallon drums. The drums were labeled and staged in the southeastern and northern parts of the site pending off-site disposal.

Total Drum Counts	
Soil	**Groundwater / Decon Water**
6	4

Anticipated Activities

- Coastal will continue to implement the NAPL Investigation Work Plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

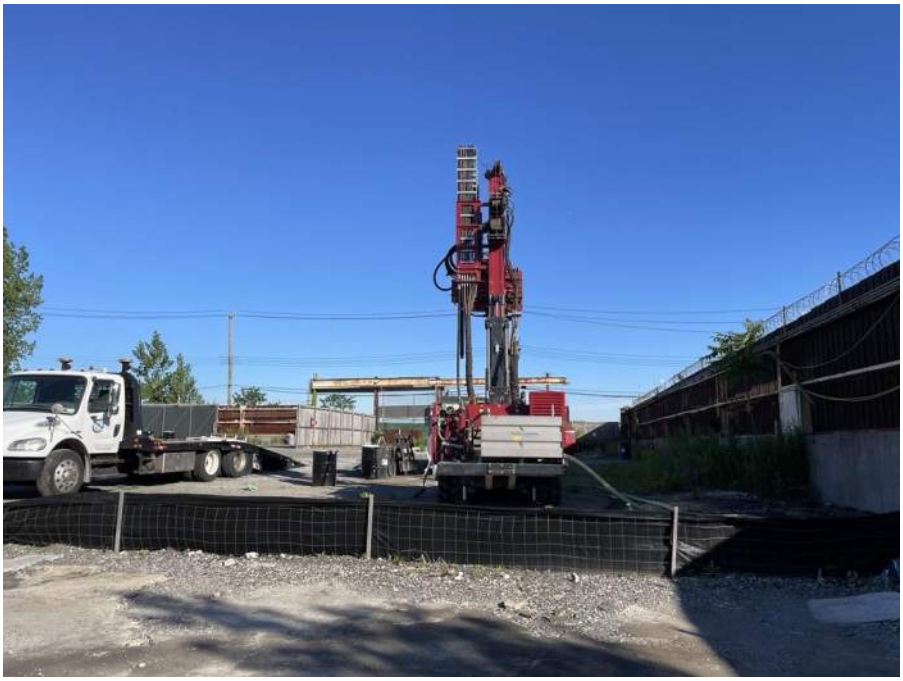


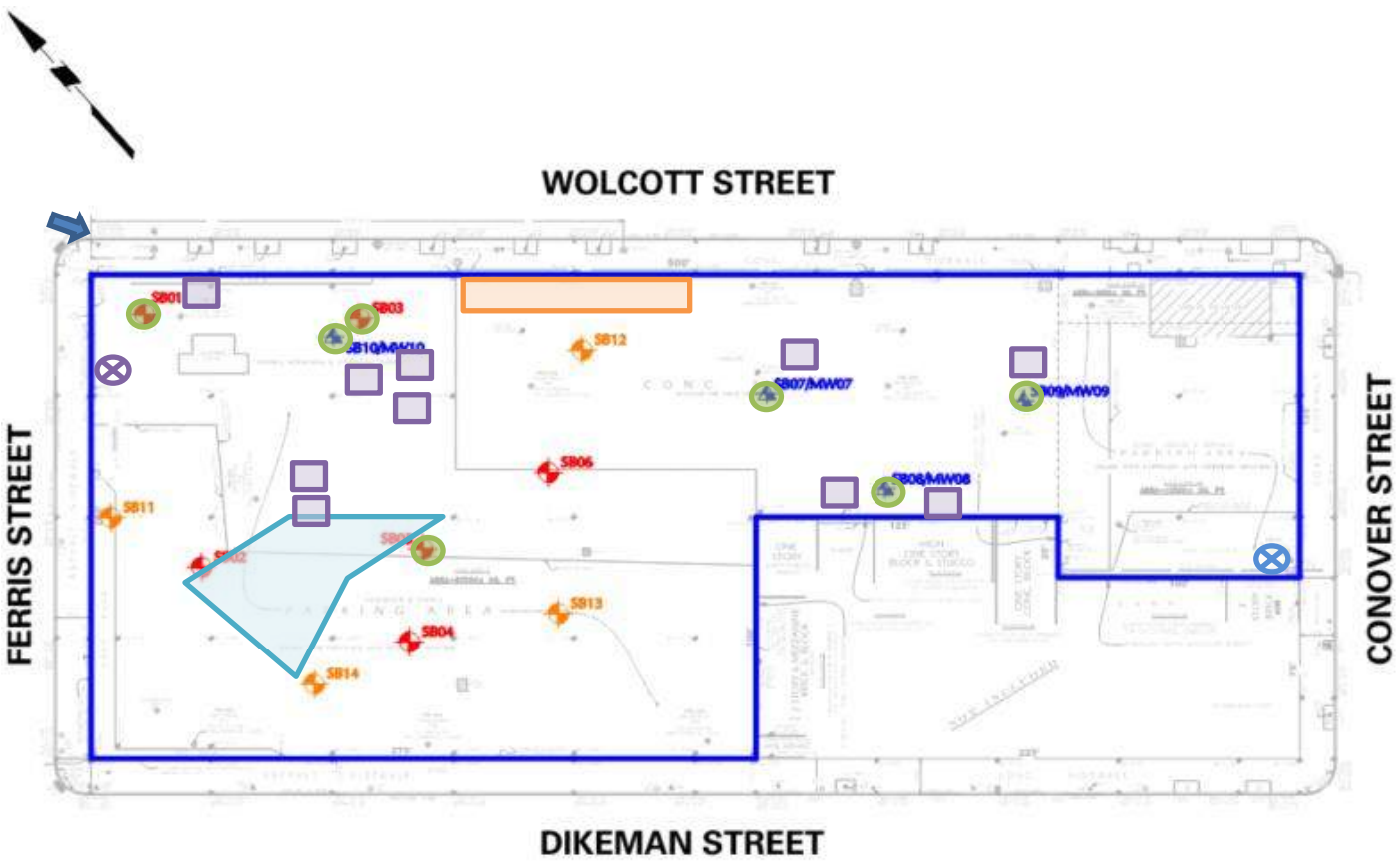
Photo 1: Coastal advancing soil boring SB03 in the northeastern part of the site (facing northwest)

Photo 2: 55-gallon drums containing IDW (drilling fluids).

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Upwind CAMP Station
- Downwind CAMP Station
- Wind Direction
- Soil Boring and/or Monitoring Well Completed
- Proposed DNAPL Delineation Soil Boring and Monitoring Well Location
- Proposed Continency DNAPL Delineation Step-Out Soil Boring Location
- Proposed LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)
- Tar-like Material Investigation Area

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 6/10/2024
Start: 6:33
End: 14:18
Observer: Lisa Cristiano

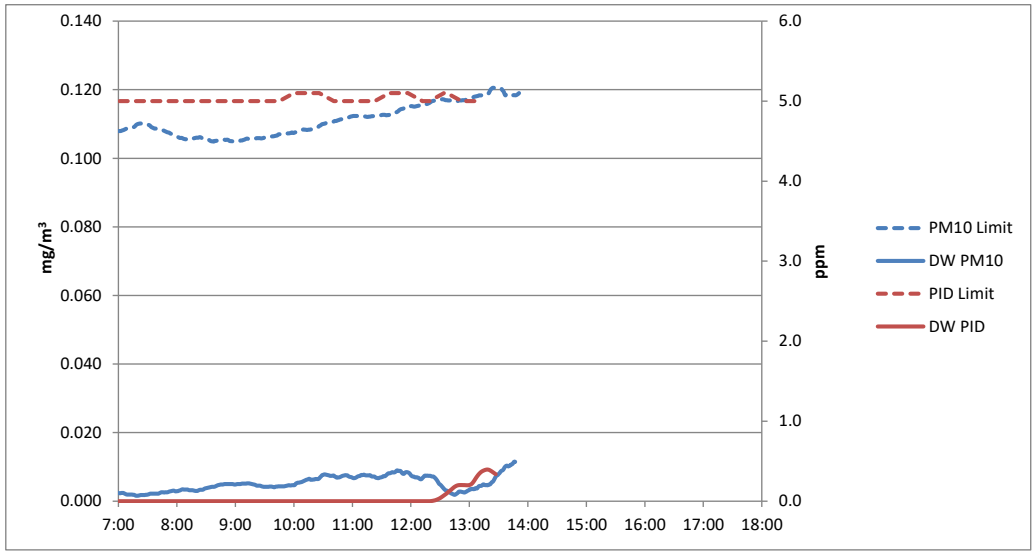
UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.011	0.007
Minimum 15min Average	0.005	0.002
Maximum 15min Average	0.021	0.013
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.004	0.001
Maximum 1min Reading	0.047	0.018

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise

Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.1
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.1	0.4
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.1	0.5

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise



Monday, June 10, 2024						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						430
Start Time:						6:33
End Time:						14:18
PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
6:33			6:33	0.028		
6:34			6:34	0.005		
6:35			6:35	0.005		
6:36			6:36	0.005		
6:37			6:37	0.005		
6:38			6:38	0.005		
6:39			6:39	0.004		
6:40			6:40	0.004		
6:41	0.047		6:41	0.004		
6:42	0.005		6:42	0.004		
6:43	0.006		6:43	0.004		
6:44	0.005		6:44	0.004		
6:45	0.006		6:45	0.004		
6:46	0.005		6:46	0.003		
6:47	0.005		6:47	0.003	0.006	
6:48	0.005		6:48	0.002	0.004	
6:49	0.005		6:49	0.002	0.004	
6:50	0.006		6:50	0.002	0.004	
6:51	0.006		6:51	0.003	0.004	
6:52	0.006		6:52	0.003	0.003	
6:53	0.006		6:53	0.003	0.003	
6:54	0.006		6:54	0.003	0.003	
6:55	0.006		6:55	0.002	0.003	
6:56	0.006	0.007	6:56	0.002	0.003	-
6:57	0.006	0.007	6:57	0.002	0.003	-
6:58	0.007	0.007	6:58	0.002	0.003	-
6:59	0.006	0.007	6:59	0.002	0.003	-
7:00	0.008	0.007	7:00	0.002	0.002	-
7:01	0.008	0.007	7:01	0.002	0.002	-
7:02	0.007	0.007	7:02	0.003	0.002	-
7:03	0.007	0.007	7:03	0.003	0.002	-
7:04	0.007	0.007	7:04	0.002	0.002	-
7:05	0.007	0.007	7:05	0.002	0.002	-
7:06	0.007	0.007	7:06	0.001	0.002	-
7:07	0.008	0.007	7:07	0.001	0.002	-
7:08	0.008	0.007	7:08	0.001	0.002	-
7:09	0.008	0.007	7:09	0.002	0.002	-
7:10	0.007	0.008	7:10	0.002	0.002	-
7:11	0.007	0.008	7:11	0.002	0.002	-
7:12	0.007	0.008	7:12	0.002	0.002	-
7:13	0.007	0.008	7:13	0.002	0.002	-
7:14	0.007	0.008	7:14	0.002	0.002	-
7:15	0.007	0.008	7:15	0.001	0.002	-
7:16	0.009	0.008	7:16	0.002	0.002	-
7:17	0.009	0.008	7:17	0.001	0.002	-
7:18	0.009	0.008	7:18	0.001	0.002	-
7:19	0.009	0.008	7:19	0.002	0.002	-
7:20	0.009	0.008	7:20	0.002	0.002	-
7:21	0.008	0.008	7:21	0.002	0.002	-
7:22	0.008	0.009	7:22	0.002	0.002	-
7:23	0.008	0.009	7:23	0.002	0.002	-
7:24	0.008	0.009	7:24	0.002	0.002	-
7:25	0.008	0.009	7:25	0.002	0.002	-
7:26	0.009	0.009	7:26	0.002	0.002	-
7:27	0.008	0.009	7:27	0.002	0.002	-
7:28	0.009	0.009	7:28	0.003	0.002	-
7:29	0.009	0.009	7:29	0.002	0.002	-
7:30	0.009	0.009	7:30	0.002	0.002	-
7:31	0.009	0.009	7:31	0.003	0.002	-
7:32	0.009	0.010	7:32	0.003	0.002	-
7:33	0.009	0.010	7:33	0.002	0.002	-
7:34	0.009	0.010	7:34	0.002	0.002	-
7:35	0.010	0.010	7:35	0.002	0.002	-
7:36	0.010	0.010	7:36	0.002	0.002	-
7:37	0.010	0.010	7:37	0.002	0.002	-
7:38	0.011	0.010	7:38	0.002	0.002	-
7:39	0.011	0.010	7:39	0.002	0.002	-
7:40	0.013	0.010	7:40	0.002	0.002	-
7:41	0.012	0.010	7:41	0.002	0.002	-
7:42	0.010	0.010	7:42	0.004	0.002	-
7:43	0.010	0.010	7:43	0.005	0.002	-
7:44	0.010	0.010	7:44	0.004	0.003	-
7:45	0.009	0.010	7:45	0.002	0.003	-
7:46	0.009	0.010	7:46	0.003	0.003	-
7:47	0.009	0.009	7:47	0.002	0.003	-
7:48	0.009	0.009	7:48	0.003	0.003	-
7:49	0.008	0.009	7:49	0.002	0.003	-
7:50	0.010	0.009	7:50	0.002	0.003	-
7:51	0.009	0.009	7:51	0.003	0.003	-
7:52	0.009	0.009	7:52	0.004	0.003	-
7:53	0.008	0.009	7:53	0.003	0.003	-
7:54	0.009	0.009	7:54	0.003	0.003	-
7:55	0.009	0.008	7:55	0.003	0.003	-
7:56	0.008	0.009	7:56	0.003	0.003	-
7:57	0.008	0.008	7:57	0.004	0.003	-
7:58	0.008	0.008	7:58	0.003	0.003	-
7:59	0.008	0.008	7:59	0.003	0.003	-
8:00	0.009	0.008	8:00	0.003	0.003	-
8:01	0.008	0.008	8:01	0.003	0.003	-
8:02	0.008	0.008	8:02	0.004	0.003	-
8:03	0.008	0.008	8:03	0.004	0.003	-
8:04	0.009	0.008	8:04	0.004	0.003	-
8:05	0.008	0.008	8:05	0.004	0.003	-
8:06	0.008	0.007	8:06	0.004	0.003	-
8:07	0.007	0.007	8:07	0.003	0.003	-
8:08	0.007	0.007	8:08	0.003	0.003	-
8:09	0.007	0.007	8:09	0.003	0.003	-
8:10	0.007	0.007	8:10	0.003	0.003	-
8:11	0.006	0.007	8:11	0.003	0.003	-
8:12	0.006	0.007	8:12	0.002	0.003	-
8:13	0.007	0.006	8:13	0.002	0.003	-
8:14	0.007	0.006	8:14	0.003	0.003	-
8:15	0.006	0.006	8:15	0.003	0.003	-
8:16	0.006	0.006	8:16	0.003	0.003	-
8:17	0.006	0.006	8:17	0.003	0.003	-
8:18	0.006	0.006	8:18	0.003	0.003	-
8:19	0.006	0.006	8:19	0.003	0.003	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
8:20	0.007	0.006	8:20	0.004	0.003	-
8:21	0.006	0.006	8:21	0.004	0.003	-
8:22	0.005	0.006	8:22	0.005	0.003	-
8:23	0.005	0.006	8:23	0.005	0.003	-
8:24	0.005	0.006	8:24	0.004	0.003	-
8:25	0.005	0.006	8:25	0.003	0.003	-
8:26	0.006	0.006	8:26	0.003	0.003	-
8:27	0.006	0.006	8:27	0.003	0.003	-
8:28	0.005	0.006	8:28	0.005	0.004	-
8:29	0.005	0.006	8:29	0.005	0.004	-
8:30	0.005	0.006	8:30	0.004	0.004	-
8:31	0.005	0.006	8:31	0.004	0.004	-
8:32	0.007	0.006	8:32	0.004	0.004	-
8:33	0.007	0.006	8:33	0.004	0.004	-
8:34	0.007	0.006	8:34	0.004	0.004	-
8:35	0.005	0.006	8:35	0.005	0.004	-
8:36	0.006	0.006	8:36	0.005	0.004	-
8:37	0.007	0.006	8:37	0.005	0.004	-
8:38	0.006	0.006	8:38	0.005	0.004	-
8:39	0.005	0.006	8:39	0.005	0.004	-
8:40	0.006	0.006	8:40	0.005	0.004	-
8:41	0.007	0.006	8:41	0.005	0.005	-
8:42	0.007	0.006	8:42	0.005	0.005	-
8:43	0.005	0.005	8:43	0.006	0.005	-
8:44	0.005	0.005	8:44	0.006	0.005	-
8:45	0.007	0.005	8:45	0.005	0.005	-
8:46	0.005	0.005	8:46	0.004	0.005	-
8:47	0.005	0.005	8:47	0.004	0.005	-
8:48	0.004	0.005	8:48	0.005	0.005	-
8:49	0.004	0.005	8:49	0.005	0.005	-
8:50	0.004	0.005	8:50	0.005	0.005	-
8:51	0.005	0.005	8:51	0.005	0.005	-
8:52	0.005	0.005	8:52	0.005	0.005	-
8:53	0.006	0.005	8:53	0.005	0.005	-
8:54	0.006	0.005	8:54	0.005	0.005	-
8:55	0.005	0.005	8:55	0.005	0.005	-
8:56	0.004	0.005	8:56	0.005	0.005	-
8:57	0.005	0.005	8:57	0.005	0.005	-
8:58	0.004	0.005	8:58	0.005	0.005	-
8:59	0.005	0.005	8:59	0.005	0.005	-
9:00	0.006	0.005	9:00	0.005	0.005	-
9:01	0.008	0.005	9:01	0.005	0.005	-
9:02	0.005	0.005	9:02	0.005	0.005	-
9:03	0.005	0.005	9:03	0.005	0.005	-
9:04	0.006	0.005	9:04	0.005	0.005	-
9:05	0.005	0.005	9:05	0.005	0.005	-
9:06	0.005	0.005	9:06	0.006	0.005	-
9:07	0.005	0.005	9:07	0.006	0.005	-
9:08	0.005	0.005	9:08	0.005	0.005	-
9:09	0.006	0.005	9:09	0.005	0.005	-
9:10	0.006	0.005	9:10	0.005	0.005	-
9:11	0.005	0.005	9:11	0.005	0.005	-
9:12	0.004	0.005	9:12	0.006	0.005	-
9:13	0.005	0.005	9:13	0.005	0.005	-
9:14	0.005	0.005	9:14	0.005	0.005	-
9:15	0.004	0.005	9:15	0.004	0.005	-
9:16	0.005	0.005	9:16	0.004	0.005	-
9:17	0.004	0.005	9:17	0.004	0.005	-
9:18	0.005	0.005	9:18	0.004	0.005	-
9:19	0.005	0.005	9:19	0.004	0.005	-
9:20	0.006	0.005	9:20	0.004	0.005	-
9:21	0.006	0.005	9:21	0.004	0.005	-
9:22	0.005	0.005	9:22	0.004	0.005	-
9:23	0.006	0.005	9:23	0.005	0.005	-
9:24	0.005	0.006	9:24	0.005	0.005	-
9:25	0.005	0.006	9:25	0.005	0.005	-
9:26	0.005	0.006	9:26	0.004	0.004	-
9:27	0.006	0.006	9:27	0.004	0.004	-
9:28	0.006	0.006	9:28	0.004	0.004	-
9:29	0.005	0.006	9:29	0.004	0.004	-
9:30	0.006	0.006	9:30	0.004	0.004	-
9:31	0.006	0.006	9:31	0.004	0.004	-
9:32	0.006	0.006	9:32	0.004	0.004	-
9:33	0.007	0.006	9:33	0.004	0.004	-
9:34	0.006	0.006	9:34	0.004	0.004	-
9:35	0.005	0.006	9:35	0.005	0.004	-
9:36	0.005	0.006	9:36	0.004	0.004	-
9:37	0.005	0.006	9:37	0.004	0.004	-
9:38	0.006	0.006	9:38	0.004	0.004	-
9:39	0.006	0.006	9:39	0.004	0.004	-
9:40	0.006	0.006	9:40	0.004	0.004	-
9:41	0.006	0.006	9:41	0.006	0.004	-
9:42	0.006	0.006	9:42	0.005	0.004	-
9:43	0.006	0.006	9:43	0.004	0.004	-
9:44	0.006	0.006	9:44	0.005	0.004	-
9:45	0.006	0.006	9:45	0.004	0.004	-
9:46	0.006	0.006	9:46	0.004	0.004	-
9:47	0.006	0.006	9:47	0.004	0.004	-
9:48	0.006	0.006	9:48	0.004	0.004	-
9:49	0.006	0.006	9:49	0.004	0.004	-
9:50	0.006	0.006	9:50	0.005	0.004	-
9:51	0.006	0.006	9:51	0.005	0.004	-
9:52	0.007	0.006	9:52	0.005	0.004	-
9:53	0.007	0.006	9:53	0.005	0.005	-
9:54	0.006	0.006	9:54	0.005	0.005	-
9:55	0.006	0.007	9:55	0.005	0.005	-
9:56	0.008	0.007	9:56	0.005	0.005	-
9:57	0.007	0.007	9:57	0.005	0.005	-
9:58	0.006	0.007	9:58	0.005	0.005	-
9:59	0.006	0.007	9:59	0.005	0.005	-
10:00	0.007	0.007	10:00	0.004	0.005	-
10:01	0.006	0.007	10:01	0.005	0.005	-
10:02	0.007	0.007	10:02	0.010	0.005	-
10:03	0.007	0.007	10:03	0.006	0.005	-
10:04	0.007	0.007	10:04	0.006	0.005	-
10:05	0.007	0.007	10:05	0.005	0.005	-
10:06	0.010	0.007	10:06	0.006	0.005	-
10:07	0.008	0.007	10:07	0.006	0.006	-
10:08	0.007	0.007	10:08	0.006	0.006	-
10:09	0.007	0.007	10:09	0.007	0.006	-
10:10	0.007	0.007	10:10	0.007	0.006	-
10:11	0.007	0.007	10:11	0.007	0.006	-
10:12	0.007	0.008	10:12	0.007	0.006	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
10:13	0.007	0.007	10:13	0.007	0.006	-
10:14	0.007	0.007	10:14	0.006	0.006	-
10:15	0.007	0.008	10:15	0.006	0.006	-
10:16	0.007	0.008	10:16	0.006	0.007	-
10:17	0.007	0.008	10:17	0.006	0.006	-
10:18	0.008	0.008	10:18	0.006	0.006	-
10:19	0.008	0.008	10:19	0.006	0.006	-
10:20	0.009	0.008	10:20	0.006	0.006	-
10:21	0.008	0.008	10:21	0.006	0.006	-
10:22	0.008	0.008	10:22	0.008	0.006	-
10:23	0.009	0.008	10:23	0.006	0.006	-
10:24	0.008	0.008	10:24	0.007	0.006	-
10:25	0.009	0.008	10:25	0.007	0.006	-
10:26	0.009	0.008	10:26	0.010	0.007	-
10:27	0.009	0.008	10:27	0.012	0.007	-
10:28	0.009	0.008	10:28	0.011	0.007	-
10:29	0.009	0.008	10:29	0.011	0.008	-
10:30	0.008	0.008	10:30	0.007	0.008	-
10:31	0.007	0.008	10:31	0.008	0.008	-
10:32	0.008	0.008	10:32	0.006	0.008	-
10:33	0.007	0.008	10:33	0.005	0.008	-
10:34	0.008	0.009	10:34	0.005	0.008	-
10:35	0.008	0.009	10:35	0.005	0.008	-
10:36	0.008	0.009	10:36	0.005	0.008	-
10:37	0.009	0.009	10:37	0.006	0.007	-
10:38	0.009	0.009	10:38	0.006	0.007	-
10:39	0.009	0.009	10:39	0.007	0.007	-
10:40	0.009	0.009	10:40	0.008	0.007	-
10:41	0.010	0.010	10:41	0.010	0.007	-
10:42	0.010	0.010	10:42	0.008	0.007	-
10:43	0.010	0.010	10:43	0.009	0.007	-
10:44	0.010	0.010	10:44	0.008	0.007	-
10:45	0.010	0.010	10:45	0.008	0.007	-
10:46	0.010	0.010	10:46	0.008	0.007	-
10:47	0.010	0.010	10:47	0.007	0.007	-
10:48	0.011	0.010	10:48	0.007	0.007	-
10:49	0.010	0.010	10:49	0.007	0.007	-
10:50	0.011	0.010	10:50	0.007	0.007	-
10:51	0.011	0.010	10:51	0.006	0.007	-
10:52	0.010	0.010	10:52	0.007	0.008	-
10:53	0.010	0.011	10:53	0.007	0.008	-
10:54	0.010	0.011	10:54	0.006	0.008	-
10:55	0.011	0.011	10:55	0.008	0.008	-
10:56	0.011	0.011	10:56	0.006	0.007	-
10:57	0.010	0.011	10:57	0.006	0.007	-
10:58	0.011	0.011	10:58	0.008	0.007	-
10:59	0.010	0.011	10:59	0.007	0.007	-
11:00	0.011	0.011	11:00	0.006	0.007	-
11:01	0.011	0.011	11:01	0.006	0.007	-
11:02	0.011	0.011	11:02	0.007	0.007	-
11:03	0.013	0.011	11:03	0.008	0.007	-
11:04	0.012	0.012	11:04	0.009	0.007	-
11:05	0.011	0.012	11:05	0.010	0.007	-
11:06	0.012	0.012	11:06	0.008	0.007	-
11:07	0.012	0.012	11:07	0.008	0.007	-
11:08	0.011	0.012	11:08	0.008	0.007	-
11:09	0.012	0.012	11:09	0.010	0.008	-
11:10	0.012	0.012	11:10	0.007	0.008	-
11:11	0.012	0.012	11:11	0.007	0.008	-
11:12	0.012	0.012	11:12	0.007	0.008	-
11:13	0.012	0.012	11:13	0.006	0.008	-
11:14	0.012	0.012	11:14	0.006	0.008	-
11:15	0.012	0.012	11:15	0.006	0.008	-
11:16	0.013	0.012	11:16	0.006	0.008	-
11:17	0.012	0.012	11:17	0.007	0.008	-
11:18	0.012	0.012	11:18	0.009	0.008	-
11:19	0.013	0.012	11:19	0.006	0.007	-
11:20	0.013	0.012	11:20	0.007	0.007	-
11:21	0.013	0.012	11:21	0.008	0.007	-
11:22	0.013	0.012	11:22	0.008	0.007	-
11:23	0.012	0.012	11:23	0.007	0.007	-
11:24	0.012	0.012	11:24	0.006	0.007	-
11:25	0.012	0.012	11:25	0.006	0.007	-
11:26	0.012	0.012	11:26	0.006	0.007	-
11:27	0.012	0.012	11:27	0.007	0.007	-
11:28	0.012	0.012	11:28	0.008	0.007	-
11:29	0.012	0.012	11:29	0.007	0.007	-
11:30	0.012	0.012	11:30	0.007	0.007	-
11:31	0.012	0.012	11:31	0.008	0.007	-
11:32	0.013	0.012	11:32	0.010	0.007	-
11:33	0.012	0.012	11:33	0.008	0.007	-
11:34	0.012	0.012	11:34	0.008	0.007	-
11:35	0.012	0.012	11:35	0.011	0.008	-
11:36	0.012	0.012	11:36	0.012	0.008	-
11:37	0.012	0.012	11:37	0.011	0.008	-
11:38	0.012	0.012	11:38	0.007	0.008	-
11:39	0.013	0.012	11:39	0.007	0.008	-
11:40	0.012	0.012	11:40	0.008	0.008	-
11:41	0.013	0.012	11:41	0.008	0.008	-
11:42	0.013	0.012	11:42	0.006	0.008	-
11:43	0.012	0.013	11:43	0.008	0.008	-
11:44	0.013	0.013	11:44	0.009	0.009	-
11:45	0.012	0.013	11:45	0.011	0.009	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
11:46	0.012	0.013	11:46	0.011	0.009	-
11:47	0.013	0.013	11:47	0.008	0.009	-
11:48	0.013	0.013	11:48	0.007	0.009	-
11:49	0.013	0.013	11:49	0.009	0.009	-
11:50	0.012	0.013	11:50	0.007	0.009	-
11:51	0.013	0.013	11:51	0.006	0.008	-
11:52	0.013	0.013	11:52	0.008	0.008	-
11:53	0.013	0.013	11:53	0.007	0.008	-
11:54	0.013	0.013	11:54	0.012	0.008	-
11:55	0.012	0.013	11:55	0.010	0.008	-
11:56	0.012	0.013	11:56	0.008	0.008	-
11:57	0.012	0.013	11:57	0.005	0.008	-
11:58	0.013	0.013	11:58	0.006	0.008	-
11:59	0.013	0.013	11:59	0.005	0.008	-
12:00	0.013	0.014	12:00	0.005	0.008	-
12:01	0.013	0.014	12:01	0.007	0.007	-
12:02	0.013	0.014	12:02	0.006	0.007	-
12:03	0.014	0.014	12:03	0.007	0.007	-
12:04	0.018	0.014	12:04	0.006	0.007	-
12:05	0.013	0.014	12:05	0.006	0.007	-
12:06	0.014	0.014	12:06	0.007	0.007	-
12:07	0.015	0.015	12:07	0.006	0.007	-
12:08	0.015	0.015	12:08	0.006	0.007	-
12:09	0.016	0.015	12:09	0.008	0.007	-
12:10	0.016	0.015	12:10	0.008	0.006	-
12:11	0.015	0.015	12:11	0.009	0.006	-
12:12	0.014	0.015	12:12	0.010	0.007	-
12:13	0.014	0.015	12:13	0.010	0.007	-
12:14	0.014	0.015	12:14	0.010	0.007	-
12:15	0.015	0.015	12:15	0.006	0.007	-
12:16	0.015	0.015	12:16	0.006	0.007	-
12:17	0.016	0.015	12:17	0.007	0.007	-
12:18	0.017	0.015	12:18	0.006	0.007	-
12:19	0.016	0.015	12:19	0.006	0.007	-
12:20	0.015	0.015	12:20	0.006	0.007	-
12:21	0.015	0.015	12:21	0.005	0.007	-
12:22	0.015	0.015	12:22	0.005	0.007	-
12:23	0.015	0.015	12:23	0.006	0.007	-
12:24	0.015	0.015	12:24	0.005	0.007	-
12:25	0.015	0.015	12:25	0.004	0.007	-
12:26	0.015	0.015	12:26	0.004	0.006	-
12:27	0.015	0.015	12:27	0.004	0.006	-
12:28	0.015	0.016	12:28	0.003	0.006	-
12:29	0.015	0.016	12:29	0.003	0.005	-
12:30	0.016	0.016	12:30	0.003	0.005	-
12:31	0.016	0.016	12:31	0.002	0.005	-
12:32	0.016	0.016	12:32	0.002	0.004	-
12:33	0.016	0.016	12:33	0.001	0.004	-
12:34	0.016	0.016	12:34	0.001	0.004	-
12:35	0.017	0.017	12:35	0.002	0.003	-
12:36	0.017	0.017	12:36	0.002	0.003	-
12:37	0.017	0.017	12:37	0.004	0.003	-
12:38	0.016	0.017	12:38	0.003	0.003	-
12:39	0.016	0.017	12:39	0.002	0.003	-
12:40	0.017	0.017	12:40	0.002	0.003	-
12:41	0.017	0.017	12:41	0.001	0.002	-
12:42	0.018	0.017	12:42	0.002	0.002	-
12:43	0.018	0.017	12:43	0.001	0.002	-
12:44	0.017	0.017	12:44	0.001	0.002	-
12:45	0.017	0.017	12:45	0.002	0.002	-
12:46	0.017	0.017	12:46	0.004	0.002	-
12:47	0.017	0.017	12:47	0.005	0.002	-
12:48	0.017	0.017	12:48	0.004	0.002	-
12:49	0.018	0.017	12:49	0.006	0.003	-
12:50	0.018	0.017	12:50	0.003	0.003	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
12:51	0.017	0.017	12:51	0.002	0.003	-
12:52	0.017	0.017	12:52	0.003	0.003	-
12:53	0.016	0.017	12:53	0.002	0.003	-
12:54	0.017	0.017	12:54	0.001	0.003	-
12:55	0.017	0.017	12:55	0.001	0.003	-
12:56	0.016	0.017	12:56	0.003	0.003	-
12:57	0.016	0.017	12:57	0.004	0.003	-
12:58	0.017	0.017	12:58	0.004	0.003	-
12:59	0.017	0.017	12:59	0.003	0.003	-
13:00	0.016	0.017	13:00	0.005	0.003	-
13:01	0.017	0.017	13:01	0.007	0.004	-
13:02	0.017	0.017	13:02	0.004	0.003	-
13:03	0.017	0.017	13:03	0.006	0.004	-
13:04	0.016	0.017	13:04	0.005	0.004	-
13:05	0.016	0.017	13:05	0.003	0.004	-
13:06	0.017	0.017	13:06	0.006	0.004	-
13:07	0.017	0.017	13:07	0.002	0.004	-
13:08	0.017	0.017	13:08	0.002	0.004	-
13:09	0.017	0.017	13:09	0.007	0.004	-
13:10	0.017	0.017	13:10	0.005	0.004	-
13:11	0.018	0.017	13:11	0.004	0.004	-
13:12	0.017	0.017	13:12	0.004	0.004	-
13:13	0.017	0.017	13:13	0.006	0.005	-
13:14	0.017	0.017	13:14	0.007	0.005	-
13:15	0.017	0.017	13:15	0.005	0.005	-
13:16	0.017	0.018	13:16	0.004	0.005	-
13:17	0.017	0.018	13:17	0.005	0.005	-
13:18	0.018	0.018	13:18	0.005	0.005	-
13:19	0.018	0.018	13:19	0.005	0.005	-
13:20	0.017	0.018	13:20	0.006	0.005	-
13:21	0.018	0.018	13:21	0.006	0.005	-
13:22	0.018	0.018	13:22	0.006	0.005	-
13:23	0.019	0.018	13:23	0.008	0.006	-
13:24	0.019	0.018	13:24	0.009	0.006	-
13:25	0.019	0.018	13:25	0.011	0.006	-
13:26	0.019	0.018	13:26	0.012	0.007	-
13:27	0.019	0.018	13:27	0.012	0.007	-
13:28	0.018	0.018	13:28	0.011	0.007	-
13:29	0.018	0.018	13:29	0.009	0.008	-
13:30	0.018	0.018	13:30	0.010	0.008	-
13:31	0.018	0.018	13:31	0.008	0.008	-
13:32	0.019	0.019	13:32	0.011	0.009	-
13:33	0.018	0.019	13:33	0.009	0.009	-
13:34	0.018	0.019	13:34	0.007	0.009	-
13:35	0.018	0.020	13:35	0.010	0.009	-
13:36	0.018	0.020	13:36	0.014	0.010	-
13:37	0.018	0.020	13:37	0.011	0.010	-
13:38	0.018	0.021	13:38	0.011	0.010	-
13:39	0.020	0.021	13:39	0.009	0.010	-
13:40	0.021	0.021	13:40	0.008	0.010	-
13:41	0.024	0.021	13:41	0.016	0.010	-
13:42	0.021	0.021	13:42	0.012	0.010	-
13:43	0.027	0.021	13:43	0.016	0.011	-
13:44	0.025	0.021	13:44	0.010	0.011	-
13:45	0.022	0.021	13:45	0.015	0.011	-
13:46	0.021	0.020	13:46	0.014	0.012	-
13:47	0.019	0.020	13:47	0.010	0.011	-
13:48	0.018	0.020	13:48	0.011	0.012	-
13:49	0.018	0.020	13:49	0.011	0.012	-
13:50	0.018	0.019	13:50	0.011	0.012	-
13:51	0.018	0.018	13:51	0.010	0.012	-
13:52	0.018	0.019	13:52	0.009	0.012	-
13:53	0.018	0.019	13:53	0.009	0.011	-
13:54	0.019	0.019	13:54	0.012	0.012	-
13:55	0.018	0.018	13:55	0.013	0.012	-
13:56	0.017	0.018	13:56	0.009	0.011	-
13:57	0.017	0.018	13:57	0.012	0.011	-
13:58	0.017	0.018	13:58	0.010	0.011	-
13:59	0.017	0.018	13:59	0.011	0.011	-
14:00	0.028	0.018	14:00	0.012	0.011	-
14:01	0.020	0.018	14:01	0.009	0.011	-
14:02	0.017	0.018	14:02	0.010	0.011	-
14:03	0.017	0.019	14:03	0.009	0.010	-
14:04	0.017	0.019	14:04	0.009	0.010	-
14:05	0.017	0.019	14:05	0.011	0.010	-
14:06			14:06	0.010	0.010	
14:07			14:07	0.012	0.011	
14:08			14:08	0.010	0.011	
14:09			14:09	0.012	0.011	
14:10			14:10	0.011	0.010	
14:11			14:11	0.012	0.011	
14:12			14:12	0.011	0.011	
14:13			14:13	0.016	0.011	
14:14			14:14	0.018	0.011	
14:15			14:15	0.015	0.012	
14:16			14:16	0.014	0.012	
14:17			14:17	0.013	0.012	
14:18			14:18	0.015	0.013	

Monday, June 10, 2024						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						410
Start Time:						6:11
End Time:						14:18
PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
6:11	0.0		6:11			
6:12	0.0		6:12			
6:13	0.0		6:13			
6:14	0.0		6:14			
6:15	0.0		6:15			
6:16	0.0		6:16			
6:17	0.0		6:17			
6:18	0.0		6:18			
6:19	0.0		6:19			
6:20	0.0		6:20			
6:21	0.0		6:21			
6:22	0.0		6:22			
6:23	0.0		6:23			
6:24	0.0		6:24			
6:25	0.0		6:25			
6:26	0.0	0.0	6:26			
6:27	0.0	0.0	6:27			
6:28	0.0	0.0	6:28			
6:29	0.0	0.0	6:29			
6:30	0.0	0.0	6:30			
6:31	0.0	0.0	6:31			
6:32	0.0	0.0	6:32			
6:33	0.0	0.0	6:33			
6:34	0.0	0.0	6:34	0.0		
6:35	0.0	0.0	6:35	0.0		
6:36	0.0	0.0	6:36	0.0		
6:37	0.0	0.0	6:37	0.0		
6:38	0.0	0.0	6:38	0.0		
6:39	0.0	0.0	6:39	0.0		
6:40	0.0	0.0	6:40	0.0		
6:41	0.0	0.0	6:41	0.0		
6:42	0.0	0.0	6:42	0.0		
6:43	0.0	0.0	6:43	0.0		
6:44	0.0	0.0	6:44	0.0		
6:45	0.0	0.0	6:45	0.0		
6:46	0.0	0.0	6:46	0.0		
6:47	0.0	0.0	6:47	0.0		
6:48	0.0	0.0	6:48	0.0		
6:49	0.0	0.0	6:49	0.0	0.0	-
6:50	0.0	0.0	6:50	0.0	0.0	-
6:51	0.0	0.0	6:51	0.0	0.0	-
6:52	0.0	0.0	6:52	0.0	0.0	-
6:53	0.0	0.0	6:53	0.0	0.0	-
6:54	0.0	0.0	6:54	0.0	0.0	-
6:55	0.0	0.0	6:55	0.0	0.0	-
6:56	0.0	0.0	6:56	0.0	0.0	-
6:57	0.0	0.0	6:57	0.0	0.0	-
6:58	0.0	0.0	6:58	0.0	0.0	-
6:59	0.0	0.0	6:59	0.0	0.0	-
7:00	0.0	0.0	7:00	0.0	0.0	-
7:01	0.0	0.0	7:01	0.0	0.0	-
7:02	0.0	0.0	7:02	0.0	0.0	-
7:03	0.0	0.0	7:03	0.0	0.0	-
7:04	0.0	0.0	7:04	0.0	0.0	-
7:05	0.0	0.0	7:05	0.0	0.0	-
7:06	0.0	0.0	7:06	0.0	0.0	-
7:07	0.0	0.0	7:07	0.0	0.0	-
7:08	0.0	0.0	7:08	0.0	0.0	-
7:09	0.0	0.0	7:09	0.0	0.0	-
7:10	0.0	0.0	7:10	0.0	0.0	-
7:11	0.0	0.0	7:11	0.0	0.0	-
7:12	0.0	0.0	7:12	0.0	0.0	-
7:13	0.0	0.0	7:13	0.0	0.0	-
7:14	0.0	0.0	7:14	0.0	0.0	-
7:15	0.0	0.0	7:15	0.0	0.0	-
7:16	0.0	0.0	7:16	0.0	0.0	-
7:17	0.0	0.0	7:17	0.0	0.0	-
7:18	0.0	0.0	7:18	0.0	0.0	-
7:19	0.0	0.0	7:19	0.0	0.0	-
7:20	0.0	0.0	7:20	0.0	0.0	-
7:21	0.0	0.0	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	0.0	-
7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	0.0	0.0	7:24	0.0	0.0	-
7:25	0.0	0.0	7:25	0.0	0.0	-
7:26	0.0	0.0	7:26	0.0	0.0	-
7:27	0.0	0.0	7:27	0.0	0.0	-
7:28	0.0	0.0	7:28	0.0	0.0	-
7:29	0.0	0.0	7:29	0.0	0.0	-
7:30	0.0	0.0	7:30	0.0	0.0	-
7:31	0.0	0.0	7:31	0.0	0.0	-
7:32	0.0	0.0	7:32	0.0	0.0	-
7:33	0.0	0.0	7:33	0.0	0.0	-
7:34	0.0	0.0	7:34	0.0	0.0	-
7:35	0.0	0.0	7:35	0.0	0.0	-
7:36	0.0	0.0	7:36	0.0	0.0	-
7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.1	0.0	10:00	0.0	0.0	-
10:01	0.1	0.0	10:01	0.0	0.0	-
10:02	0.1	0.0	10:02	0.0	0.0	-
10:03	0.1	0.0	10:03	0.0	0.0	-
10:04	0.1	0.0	10:04	0.0	0.0	-
10:05	0.1	0.0	10:05	0.0	0.0	-
10:06	0.1	0.0	10:06	0.0	0.0	-
10:07	0.1	0.1	10:07	0.0	0.0	-
10:08	0.1	0.1	10:08	0.0	0.0	-
10:09	0.1	0.1	10:09	0.0	0.0	-
10:10	0.1	0.1	10:10	0.0	0.0	-
10:11	0.1	0.1	10:11	0.0	0.0	-
10:12	0.1	0.1	10:12	0.0	0.0	-
10:13	0.1	0.1	10:13	0.0	0.0	-
10:14	0.1	0.1	10:14	0.0	0.0	-
10:15	0.1	0.1	10:15	0.0	0.0	-
10:16	0.1	0.1	10:16	0.0	0.0	-
10:17	0.1	0.1	10:17	0.0	0.0	-
10:18	0.1	0.1	10:18	0.0	0.0	-
10:19	0.1	0.1	10:19	0.0	0.0	-
10:20	0.1	0.1	10:20	0.0	0.0	-
10:21	0.1	0.1	10:21	0.0	0.0	-
10:22	0.1	0.1	10:22	0.0	0.0	-
10:23	0.1	0.1	10:23	0.0	0.0	-
10:24	0.1	0.1	10:24	0.0	0.0	-
10:25	0.1	0.1	10:25	0.0	0.0	-
10:26	0.1	0.1	10:26	0.0	0.0	-
10:27	0.1	0.1	10:27	0.0	0.0	-
10:28	0.1	0.1	10:28	0.0	0.0	-
10:29	0.1	0.1	10:29	0.0	0.0	-
10:30	0.1	0.1	10:30	0.0	0.0	-
10:31	0.1	0.1	10:31	0.0	0.0	-
10:32	0.1	0.1	10:32	0.0	0.0	-
10:33	0.1	0.1	10:33	0.0	0.0	-
10:34	0.1	0.1	10:34	0.0	0.0	-
10:35	0.1	0.1	10:35	0.0	0.0	-
10:36	0.1	0.1	10:36	0.0	0.0	-
10:37	0.1	0.1	10:37	0.0	0.0	-
10:38	0.1	0.1	10:38	0.0	0.0	-
10:39	0.1	0.1	10:39	0.0	0.0	-
10:40	0.1	0.1	10:40	0.0	0.0	-
10:41	0.0	0.1	10:41	0.0	0.0	-
10:42	0.0	0.1	10:42	0.0	0.0	-
10:43	0.0	0.1	10:43	0.0	0.0	-
10:44	0.0	0.1	10:44	0.0	0.0	-
10:45	0.0	0.1	10:45	0.0	0.0	-
10:46	0.0	0.1	10:46	0.0	0.0	-
10:47	0.0	0.1	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.1	0.0	11:38	0.0	0.0	-
11:39	0.1	0.0	11:39	0.0	0.0	-
11:40	0.1	0.0	11:40	0.0	0.0	-
11:41	0.1	0.0	11:41	0.0	0.0	-
11:42	0.1	0.0	11:42	0.0	0.0	-
11:43	0.1	0.0	11:43	0.0	0.0	-
11:44	0.1	0.0	11:44	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
11:45	0.1	0.1	11:45	0.0	0.0	-
11:46	0.1	0.1	11:46	0.0	0.0	-
11:47	0.1	0.1	11:47	0.0	0.0	-
11:48	0.1	0.1	11:48	0.0	0.0	-
11:49	0.1	0.1	11:49	0.0	0.0	-
11:50	0.1	0.1	11:50	0.0	0.0	-
11:51	0.1	0.1	11:51	0.0	0.0	-
11:52	0.1	0.1	11:52	0.0	0.0	-
11:53	0.1	0.1	11:53	0.0	0.0	-
11:54	0.1	0.1	11:54	0.0	0.0	-
11:55	0.1	0.1	11:55	0.0	0.0	-
11:56	0.1	0.1	11:56	0.0	0.0	-
11:57	0.1	0.1	11:57	0.0	0.0	-
11:58	0.1	0.1	11:58	0.0	0.0	-
11:59	0.1	0.1	11:59	0.0	0.0	-
12:00	0.1	0.1	12:00	0.0	0.0	-
12:01	0.1	0.1	12:01	0.0	0.0	-
12:02	0.1	0.1	12:02	0.0	0.0	-
12:03	0.1	0.1	12:03	0.0	0.0	-
12:04	0.1	0.1	12:04	0.0	0.0	-
12:05	0.1	0.1	12:05	0.0	0.0	-
12:06	0.1	0.1	12:06	0.0	0.0	-
12:07	0.1	0.1	12:07	0.0	0.0	-
12:08	0.1	0.1	12:08	0.0	0.0	-
12:09	0.1	0.1	12:09	0.0	0.0	-
12:10	0.1	0.1	12:10	0.0	0.0	-
12:11	0.1	0.1	12:11	0.0	0.0	-
12:12	0.0	0.1	12:12	0.0	0.0	-
12:13	0.0	0.1	12:13	0.0	0.0	-
12:14	0.0	0.1	12:14	0.0	0.0	-
12:15	0.0	0.1	12:15	0.0	0.0	-
12:16	0.0	0.1	12:16	0.0	0.0	-
12:17	0.0	0.1	12:17	0.0	0.0	-
12:18	0.0	0.1	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.1	0.0	-
12:27	0.0	0.0	12:27	0.1	0.0	-
12:28	0.0	0.0	12:28	0.1	0.0	-
12:29	0.0	0.0	12:29	0.1	0.0	-
12:30	0.0	0.0	12:30	0.1	0.0	-
12:31	0.0	0.0	12:31	0.1	0.0	-
12:32	0.0	0.0	12:32	0.1	0.1	-
12:33	0.0	0.0	12:33	0.1	0.1	-
12:34	0.1	0.0	12:34	0.1	0.1	-
12:35	0.1	0.0	12:35	0.1	0.1	-
12:36	0.1	0.0	12:36	0.2	0.1	-
12:37	0.1	0.0	12:37	0.2	0.1	-
12:38	0.1	0.0	12:38	0.2	0.1	-
12:39	0.1	0.0	12:39	0.2	0.1	-
12:40	0.1	0.0	12:40	0.2	0.1	-
12:41	0.1	0.1	12:41	0.2	0.1	-
12:42	0.1	0.1	12:42	0.2	0.2	-
12:43	0.1	0.1	12:43	0.2	0.2	-
12:44	0.1	0.1	12:44	0.2	0.2	-
12:45	0.1	0.1	12:45	0.2	0.2	-
12:46	0.1	0.1	12:46	0.2	0.2	-
12:47	0.1	0.1	12:47	0.2	0.2	-
12:48	0.1	0.1	12:48	0.2	0.2	-
12:49	0.1	0.1	12:49	0.2	0.2	-
12:50	0.1	0.1	12:50	0.2	0.2	-
12:51	0.1	0.1	12:51	0.2	0.2	-
12:52	0.0	0.1	12:52	0.2	0.2	-
12:53	0.0	0.1	12:53	0.2	0.2	-
12:54	0.0	0.1	12:54	0.2	0.2	-
12:55	0.0	0.1	12:55	0.2	0.2	-
12:56	0.0	0.1	12:56	0.2	0.2	-
12:57	0.0	0.1	12:57	0.2	0.2	-
12:58	0.0	0.1	12:58	0.2	0.2	-
12:59	0.0	0.0	12:59	0.3	0.2	-
13:00	0.0	0.0	13:00	0.3	0.2	-
13:01	0.0	0.0	13:01	0.3	0.2	-
13:02	0.0	0.0	13:02	0.3	0.2	-
13:03	0.0	0.0	13:03	0.4	0.2	-
13:04	0.0	0.0	13:04	0.4	0.2	-
13:05	0.0	0.0	13:05	0.4	0.3	-
13:06	0.0	0.0	13:06	0.4	0.3	-
13:07	0.0	0.0	13:07	0.5	0.3	-
13:08	0.0	0.0	13:08	0.4	0.3	-
13:09	0.0	0.0	13:09	0.4	0.3	-
13:10	0.0	0.0	13:10	0.4	0.3	-
13:11	0.0	0.0	13:11	0.4	0.4	-
13:12	0.0	0.0	13:12	0.4	0.4	-
13:13	0.0	0.0	13:13	0.4	0.4	-
13:14	0.0	0.0	13:14	0.3	0.4	-
13:15	0.0	0.0	13:15	0.4	0.4	-
13:16	0.0	0.0	13:16	0.4	0.4	-
13:17	0.0	0.0	13:17	0.4	0.4	-
13:18	0.0	0.0	13:18	0.4	0.4	-
13:19	0.0	0.0	13:19	0.4	0.4	-
13:20	0.0	0.0	13:20	0.4	0.4	-
13:21	0.0	0.0	13:21	0.4	0.4	-
13:22	0.0	0.0	13:22	0.3	0.4	-
13:23	0.0	0.0	13:23	0.3	0.4	-
13:24	0.0	0.0	13:24	0.3	0.4	-
13:25	0.0	0.0	13:25	0.3	0.4	-
13:26	0.0	0.0	13:26	0.3	0.3	-
13:27	0.0	0.0	13:27	0.2	0.3	-
13:28	0.0	0.0	13:28	0.2	0.3	-
13:29	0.0	0.0	13:29	0.2	0.3	-
13:30	0.0	0.0	13:30	0.2	0.3	-
13:31	0.0	0.0	13:31	0.3	0.3	-
13:32	0.0	0.0	13:32	0.3	0.3	-
13:33	0.0	0.0	13:33	0.3	0.3	-
13:34	0.0	0.0	13:34	0.3	0.3	-
13:35	0.0	0.0	13:35	0.3	0.3	-
13:36	0.0	0.0	13:36	0.3	0.3	-
13:37	0.0	0.0	13:37	0.3	0.3	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
13:38	0.0	0.0	13:38	0.3	0.3	-
13:39			13:39	0.3	0.3	
13:40			13:40	0.2	0.3	
13:41			13:41	0.2	0.3	
13:42			13:42	0.2	0.3	
13:43			13:43	0.2	0.3	
13:44			13:44	0.2	0.3	
13:45			13:45	0.2	0.3	
13:46			13:46	0.1	0.2	
13:47			13:47	0.1	0.2	
13:48			13:48	0.1	0.2	
13:49			13:49	0.1	0.2	
13:50			13:50	0.1	0.2	
13:51			13:51	0.1	0.2	
13:52			13:52	0.1	0.2	
13:53			13:53	0.1	0.2	
13:54			13:54	0.1	0.1	
13:55			13:55	0.1	0.1	
13:56			13:56	0.1	0.1	
13:57			13:57	0.1	0.1	
13:58			13:58	0.1	0.1	
13:59			13:59	0.1	0.1	
14:00			14:00	0.1	0.1	
14:01			14:01	0.1	0.1	
14:02			14:02	0.1	0.1	
14:03			14:03	0.1	0.1	
14:04			14:04	0.1	0.1	
14:05			14:05	0.1	0.1	
14:06			14:06	0.1	0.1	
14:07			14:07	0.1	0.1	
14:08			14:08	0.1	0.1	
14:09			14:09	0.1	0.1	
14:10			14:10	0.1	0.1	
14:11			14:11	0.1	0.1	
14:12			14:12	0.1	0.1	
14:13			14:13	0.1	0.1	
14:14			14:14	0.2	0.1	
14:15			14:15	0.1	0.1	
14:16			14:16	0.1	0.1	
14:17			14:17	0.1	0.1	
14:18			14:18	0.1	0.1	

DAILY FIELD REPORT – Day 007

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, June 11, 2024
PROJECT No.:	170562203	**WEATHER:**	Cloudy, 62 to 73°F Wind: SSW @ 6 – 12 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:20 – 14:40 (8.25 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT: Versa-Sonic Drill Rig MiniRAE 3000 Photoionization Detector	**PRESENT AT SITE:** **Langan:** Lisa Cristiano **Coastal Environmental Solutions, Inc. (Coastal):** Chris Slavin, Nick Turro

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance two soil borings (SBD02 and SBD04) to depths of about 100 and 40 feet below grade surface (bgs), respectively, in the western part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID).
    - At SBD02, a maximum PID reading of 6.0 parts per million (ppm) was observed in fill recovered at about 1.75 feet bgs. Black, tar-like material was observed from about 2 to 2.5 feet. No sheen, odor, or staining was observed below about 2.5 feet bgs.
    - At SBD04, a naphthalene-like odor, sheen, and a maximum PID reading of 168.7 ppm was observed from about 10 to 20 feet bgs. No sheen, odor, or staining was observed from 20 to 40 feet bgs. Coastal will continue advancing SBD04 to a minimum depth of 85 feet bgs on Wednesday June 12, 2024.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Material Tracking

- Investigation-derived waste (IDW) was containerized in 55-gallon drums. The drums were labeled and staged in the southeastern and northern parts of the site pending off-site disposal.

Total Drum Counts	
Soil	**Groundwater / Decon Water**
6	5

Anticipated Activities

- Coastal will continue to implement the NAPL Investigation Work Plan.

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			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Photographs:

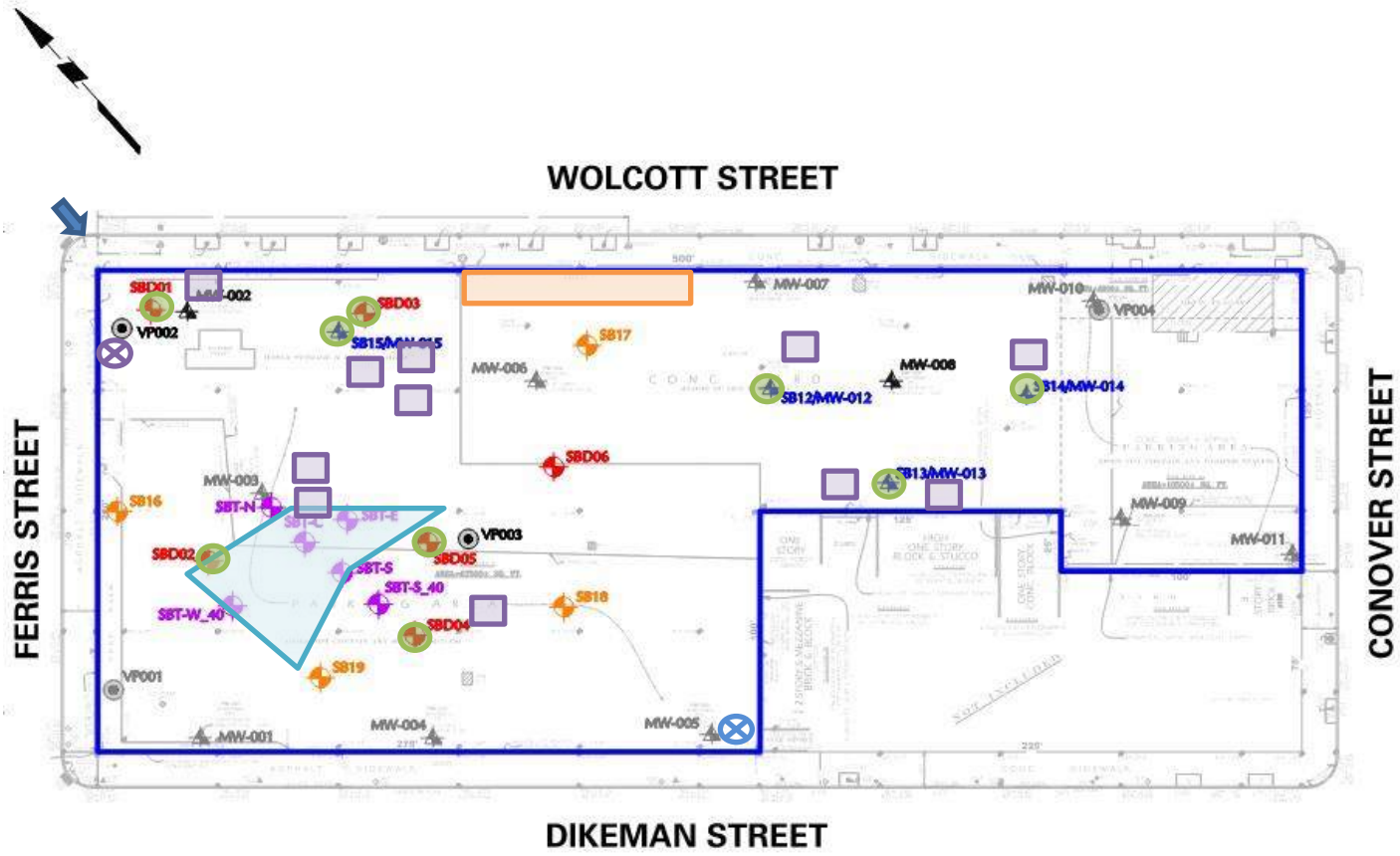
Photo 1: Coastal advancing soil boring SBD02 in the western part of the site (facing west)

Photo 2: Coastal advancing soil boring SBD04 in the western part of the site (facing south).

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Upwind CAMP Station
- Downwind CAMP Station
- Wind Direction
- Soil Boring and/or Monitoring Well Completed
- Proposed DNAPL Delineation Soil Boring and Monitoring Well Location
- Proposed Continency DNAPL Delineation Step-Out Soil Boring Location
- Proposed LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)
- Tar-like Material Investigation Area

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 6/11/2024
Start: 6:25
End: 14:26
Observer: Lisa Cristiano

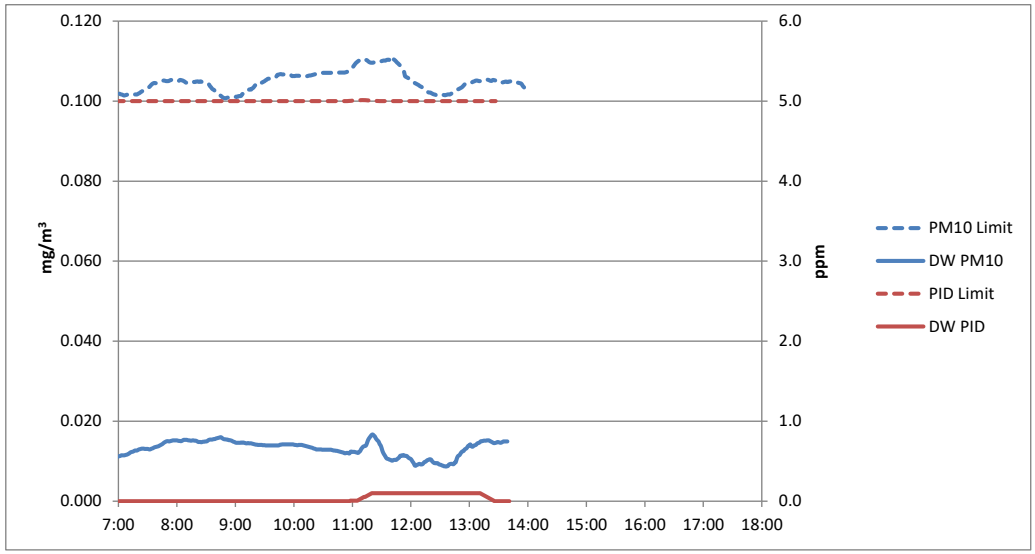
UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.005	0.013
Minimum 15min Average	0.001	0.009
Maximum 15min Average	0.011	0.017
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.000	0.008
Maximum 1min Reading	0.022	0.022

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise

Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.0	0.1
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.1	2.6

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise



Tuesday, June 11, 2024						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						446
Start Time:						6:25
End Time:						14:26
PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
6:25			6:25	0.022		
6:26			6:26	0.008		
6:27			6:27	0.008		
6:28			6:28	0.008		
6:29			6:29	0.009		
6:30			6:30	0.009		
6:31			6:31	0.009		
6:32	0.022		6:32	0.008		
6:33	0.008		6:33	0.009		
6:34	0.007		6:34	0.009		
6:35	0.007		6:35	0.009		
6:36	0.007		6:36	0.009		
6:37	0.007		6:37	0.009		
6:38	0.007		6:38	0.009		
6:39	0.006		6:39	0.010	0.010	
6:40	0.007		6:40	0.010	0.009	
6:41	0.006		6:41	0.010	0.009	
6:42	0.006		6:42	0.010	0.009	
6:43	0.005		6:43	0.010	0.009	
6:44	0.005		6:44	0.010	0.009	
6:45	0.005		6:45	0.010	0.009	
6:46	0.005		6:46	0.011	0.010	
6:47	0.006	0.006	6:47	0.011	0.010	-
6:48	0.005	0.006	6:48	0.011	0.010	-
6:49	0.005	0.006	6:49	0.012	0.010	-
6:50	0.005	0.006	6:50	0.011	0.010	-
6:51	0.004	0.006	6:51	0.011	0.010	-
6:52	0.004	0.005	6:52	0.011	0.010	-
6:53	0.004	0.005	6:53	0.011	0.011	-
6:54	0.004	0.005	6:54	0.011	0.011	-
6:55	0.004	0.005	6:55	0.011	0.011	-
6:56	0.004	0.005	6:56	0.011	0.011	-
6:57	0.003	0.005	6:57	0.011	0.011	-
6:58	0.003	0.004	6:58	0.011	0.011	-
6:59	0.003	0.004	6:59	0.012	0.011	-
7:00	0.003	0.004	7:00	0.012	0.011	-
7:01	0.003	0.004	7:01	0.012	0.011	-
7:02	0.003	0.004	7:02	0.012	0.011	-
7:03	0.003	0.004	7:03	0.013	0.011	-
7:04	0.003	0.004	7:04	0.012	0.011	-
7:05	0.002	0.003	7:05	0.011	0.011	-
7:06	0.001	0.003	7:06	0.011	0.011	-
7:07	0.001	0.003	7:07	0.012	0.012	-
7:08	0.001	0.003	7:08	0.012	0.012	-
7:09	0.001	0.003	7:09	0.012	0.012	-
7:10	0.001	0.002	7:10	0.013	0.012	-
7:11	0.002	0.002	7:11	0.013	0.012	-
7:12	0.002	0.002	7:12	0.014	0.012	-
7:13	0.003	0.002	7:13	0.013	0.012	-
7:14	0.001	0.002	7:14	0.013	0.012	-
7:15	0.001	0.002	7:15	0.013	0.012	-
7:16	0.001	0.002	7:16	0.014	0.013	-
7:17	0.002	0.002	7:17	0.014	0.013	-
7:18	0.002	0.002	7:18	0.013	0.013	-
7:19	0.001	0.001	7:19	0.012	0.013	-
7:20	0.001	0.001	7:20	0.013	0.013	-
7:21	0.002	0.001	7:21	0.013	0.013	-
7:22	0.002	0.002	7:22	0.013	0.013	-
7:23	0.002	0.002	7:23	0.013	0.013	-
7:24	0.001	0.002	7:24	0.013	0.013	-
7:25	0.001	0.002	7:25	0.013	0.013	-
7:26	0.001	0.002	7:26	0.013	0.013	-
7:27	0.002	0.002	7:27	0.013	0.013	-
7:28	0.002	0.001	7:28	0.013	0.013	-
7:29	0.002	0.002	7:29	0.013	0.013	-
7:30	0.002	0.002	7:30	0.013	0.013	-
7:31	0.002	0.002	7:31	0.013	0.013	-
7:32	0.002	0.002	7:32	0.013	0.013	-
7:33	0.002	0.002	7:33	0.014	0.013	-
7:34	0.003	0.002	7:34	0.014	0.013	-
7:35	0.003	0.002	7:35	0.014	0.013	-
7:36	0.004	0.002	7:36	0.015	0.013	-
7:37	0.005	0.002	7:37	0.015	0.013	-
7:38	0.004	0.002	7:38	0.014	0.014	-
7:39	0.004	0.003	7:39	0.014	0.014	-
7:40	0.004	0.003	7:40	0.014	0.014	-
7:41	0.003	0.003	7:41	0.014	0.014	-
7:42	0.003	0.003	7:42	0.015	0.014	-
7:43	0.004	0.003	7:43	0.015	0.014	-
7:44	0.004	0.003	7:44	0.015	0.014	-
7:45	0.004	0.003	7:45	0.015	0.014	-
7:46	0.005	0.004	7:46	0.016	0.014	-
7:47	0.006	0.004	7:47	0.016	0.015	-
7:48	0.006	0.004	7:48	0.016	0.015	-
7:49	0.006	0.004	7:49	0.016	0.015	-
7:50	0.005	0.004	7:50	0.015	0.015	-
7:51	0.005	0.005	7:51	0.015	0.015	-
7:52	0.004	0.004	7:52	0.014	0.015	-
7:53	0.005	0.005	7:53	0.015	0.015	-
7:54	0.004	0.005	7:54	0.015	0.015	-
7:55	0.005	0.005	7:55	0.015	0.015	-
7:56	0.005	0.005	7:56	0.015	0.015	-
7:57	0.005	0.005	7:57	0.015	0.015	-
7:58	0.005	0.005	7:58	0.015	0.015	-
7:59	0.006	0.005	7:59	0.015	0.015	-
8:00	0.005	0.005	8:00	0.015	0.015	-
8:01	0.005	0.005	8:01	0.015	0.015	-
8:02	0.005	0.005	8:02	0.015	0.015	-
8:03	0.005	0.005	8:03	0.016	0.015	-
8:04	0.006	0.005	8:04	0.015	0.015	-
8:05	0.005	0.005	8:05	0.016	0.015	-
8:06	0.006	0.005	8:06	0.017	0.015	-
8:07	0.006	0.005	8:07	0.016	0.015	-
8:08	0.006	0.005	8:08	0.015	0.015	-
8:09	0.006	0.005	8:09	0.015	0.015	-
8:10	0.005	0.005	8:10	0.015	0.015	-
8:11	0.005	0.005	8:11	0.014	0.015	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
8:12	0.004	0.005	8:12	0.014	0.015	-
8:13	0.004	0.005	8:13	0.015	0.015	-
8:14	0.004	0.005	8:14	0.014	0.015	-
8:15	0.004	0.005	8:15	0.015	0.015	-
8:16	0.005	0.005	8:16	0.016	0.015	-
8:17	0.008	0.005	8:17	0.015	0.015	-
8:18	0.005	0.005	8:18	0.015	0.015	-
8:19	0.005	0.005	8:19	0.015	0.015	-
8:20	0.004	0.005	8:20	0.015	0.015	-
8:21	0.004	0.005	8:21	0.015	0.015	-
8:22	0.004	0.005	8:22	0.014	0.015	-
8:23	0.003	0.005	8:23	0.015	0.015	-
8:24	0.005	0.005	8:24	0.015	0.015	-
8:25	0.005	0.005	8:25	0.014	0.015	-
8:26	0.004	0.005	8:26	0.015	0.015	-
8:27	0.006	0.005	8:27	0.015	0.015	-
8:28	0.005	0.005	8:28	0.015	0.015	-
8:29	0.005	0.005	8:29	0.015	0.015	-
8:30	0.005	0.005	8:30	0.015	0.015	-
8:31	0.005	0.005	8:31	0.017	0.015	-
8:32	0.006	0.005	8:32	0.018	0.015	-
8:33	0.007	0.005	8:33	0.017	0.015	-
8:34	0.005	0.005	8:34	0.016	0.015	-
8:35	0.005	0.005	8:35	0.015	0.015	-
8:36	0.003	0.005	8:36	0.015	0.015	-
8:37	0.003	0.005	8:37	0.015	0.015	-
8:38	0.005	0.005	8:38	0.016	0.016	-
8:39	0.004	0.005	8:39	0.015	0.016	-
8:40	0.003	0.005	8:40	0.016	0.016	-
8:41	0.004	0.005	8:41	0.016	0.016	-
8:42	0.005	0.005	8:42	0.016	0.016	-
8:43	0.004	0.005	8:43	0.016	0.016	-
8:44	0.004	0.005	8:44	0.016	0.016	-
8:45	0.004	0.004	8:45	0.016	0.016	-
8:46	0.004	0.004	8:46	0.015	0.016	-
8:47	0.002	0.004	8:47	0.015	0.016	-
8:48	0.001	0.004	8:48	0.015	0.016	-
8:49	0.001	0.003	8:49	0.015	0.015	-
8:50	0.000	0.003	8:50	0.015	0.015	-
8:51	0.000	0.003	8:51	0.014	0.015	-
8:52	0.001	0.003	8:52	0.015	0.015	-
8:53	0.001	0.003	8:53	0.014	0.015	-
8:54	0.001	0.002	8:54	0.015	0.015	-
8:55	0.002	0.002	8:55	0.015	0.015	-
8:56	0.001	0.002	8:56	0.015	0.015	-
8:57	0.001	0.002	8:57	0.014	0.015	-
8:58	0.000	0.002	8:58	0.014	0.015	-
8:59	0.001	0.001	8:59	0.015	0.015	-
9:00	0.001	0.001	9:00	0.014	0.015	-
9:01	0.001	0.001	9:01	0.014	0.015	-
9:02	0.000	0.001	9:02	0.015	0.015	-
9:03	0.000	0.001	9:03	0.015	0.015	-
9:04	0.001	0.001	9:04	0.015	0.015	-
9:05	0.001	0.001	9:05	0.015	0.015	-
9:06	0.001	0.001	9:06	0.015	0.015	-
9:07	0.001	0.001	9:07	0.014	0.015	-
9:08	0.002	0.001	9:08	0.015	0.015	-
9:09	0.001	0.001	9:09	0.014	0.015	-
9:10	0.002	0.001	9:10	0.014	0.015	-
9:11	0.001	0.001	9:11	0.014	0.014	-
9:12	0.000	0.001	9:12	0.014	0.014	-
9:13	0.001	0.001	9:13	0.015	0.015	-
9:14	0.002	0.001	9:14	0.014	0.014	-
9:15	0.003	0.001	9:15	0.014	0.014	-
9:16	0.000	0.001	9:16	0.014	0.014	-
9:17	0.002	0.001	9:17	0.014	0.014	-
9:18	0.001	0.001	9:18	0.014	0.014	-
9:19	0.001	0.001	9:19	0.014	0.014	-
9:20	0.002	0.001	9:20	0.014	0.014	-
9:21	0.007	0.002	9:21	0.014	0.014	-
9:22	0.002	0.002	9:22	0.014	0.014	-
9:23	0.002	0.002	9:23	0.014	0.014	-
9:24	0.006	0.002	9:24	0.014	0.014	-
9:25	0.006	0.002	9:25	0.014	0.014	-
9:26	0.003	0.003	9:26	0.014	0.014	-
9:27	0.003	0.003	9:27	0.014	0.014	-
9:28	0.003	0.003	9:28	0.014	0.014	-
9:29	0.003	0.003	9:29	0.014	0.014	-
9:30	0.002	0.003	9:30	0.014	0.014	-
9:31	0.004	0.003	9:31	0.013	0.014	-
9:32	0.004	0.003	9:32	0.014	0.014	-
9:33	0.005	0.004	9:33	0.014	0.014	-
9:34	0.006	0.004	9:34	0.014	0.014	-
9:35	0.005	0.004	9:35	0.014	0.014	-
9:36	0.004	0.004	9:36	0.014	0.014	-
9:37	0.005	0.004	9:37	0.014	0.014	-
9:38	0.005	0.004	9:38	0.014	0.014	-
9:39	0.008	0.004	9:39	0.014	0.014	-
9:40	0.006	0.004	9:40	0.014	0.014	-
9:41	0.006	0.005	9:41	0.014	0.014	-
9:42	0.005	0.005	9:42	0.014	0.014	-
9:43	0.005	0.005	9:43	0.014	0.014	-
9:44	0.005	0.005	9:44	0.014	0.014	-
9:45	0.005	0.005	9:45	0.015	0.014	-
9:46	0.006	0.005	9:46	0.015	0.014	-
9:47	0.007	0.006	9:47	0.014	0.014	-
9:48	0.006	0.006	9:48	0.015	0.014	-
9:49	0.006	0.006	9:49	0.014	0.014	-
9:50	0.007	0.006	9:50	0.014	0.014	-
9:51	0.006	0.006	9:51	0.014	0.014	-
9:52	0.006	0.006	9:52	0.014	0.014	-
9:53	0.007	0.006	9:53	0.014	0.014	-
9:54	0.007	0.006	9:54	0.014	0.014	-
9:55	0.007	0.006	9:55	0.014	0.014	-
9:56	0.007	0.006	9:56	0.014	0.014	-
9:57	0.011	0.007	9:57	0.014	0.014	-
9:58	0.006	0.007	9:58	0.014	0.014	-
9:59	0.006	0.007	9:59	0.014	0.014	-
10:00	0.006	0.007	10:00	0.014	0.014	-
10:01	0.006	0.007	10:01	0.014	0.014	-
10:02	0.006	0.007	10:02	0.014	0.014	-
10:03	0.006	0.007	10:03	0.014	0.014	-
10:04	0.006	0.007	10:04	0.014	0.014	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
10:05	0.007	0.007	10:05	0.015	0.014	-
10:06	0.007	0.007	10:06	0.014	0.014	-
10:07	0.006	0.007	10:07	0.014	0.014	-
10:08	0.006	0.007	10:08	0.014	0.014	-
10:09	0.007	0.007	10:09	0.013	0.014	-
10:10	0.006	0.007	10:10	0.013	0.014	-
10:11	0.006	0.007	10:11	0.013	0.014	-
10:12	0.007	0.006	10:12	0.013	0.014	-
10:13	0.006	0.006	10:13	0.013	0.014	-
10:14	0.006	0.006	10:14	0.013	0.014	-
10:15	0.006	0.006	10:15	0.013	0.014	-
10:16	0.007	0.006	10:16	0.013	0.014	-
10:17	0.006	0.006	10:17	0.013	0.013	-
10:18	0.006	0.006	10:18	0.013	0.013	-
10:19	0.006	0.006	10:19	0.013	0.013	-
10:20	0.006	0.006	10:20	0.013	0.013	-
10:21	0.006	0.006	10:21	0.013	0.013	-
10:22	0.006	0.006	10:22	0.013	0.013	-
10:23	0.006	0.006	10:23	0.012	0.013	-
10:24	0.006	0.006	10:24	0.013	0.013	-
10:25	0.006	0.006	10:25	0.013	0.013	-
10:26	0.007	0.006	10:26	0.013	0.013	-
10:27	0.007	0.006	10:27	0.013	0.013	-
10:28	0.007	0.006	10:28	0.013	0.013	-
10:29	0.007	0.006	10:29	0.012	0.013	-
10:30	0.007	0.006	10:30	0.013	0.013	-
10:31	0.007	0.006	10:31	0.013	0.013	-
10:32	0.007	0.006	10:32	0.013	0.013	-
10:33	0.007	0.007	10:33	0.013	0.013	-
10:34	0.007	0.007	10:34	0.013	0.013	-
10:35	0.007	0.007	10:35	0.013	0.013	-
10:36	0.007	0.007	10:36	0.013	0.013	-
10:37	0.007	0.007	10:37	0.013	0.013	-
10:38	0.007	0.007	10:38	0.012	0.013	-
10:39	0.008	0.007	10:39	0.012	0.013	-
10:40	0.007	0.007	10:40	0.012	0.013	-
10:41	0.007	0.007	10:41	0.012	0.013	-
10:42	0.007	0.007	10:42	0.013	0.013	-
10:43	0.007	0.007	10:43	0.012	0.013	-
10:44	0.007	0.007	10:44	0.012	0.013	-
10:45	0.007	0.007	10:45	0.012	0.013	-
10:46	0.007	0.007	10:46	0.012	0.012	-
10:47	0.007	0.007	10:47	0.012	0.012	-
10:48	0.007	0.007	10:48	0.012	0.012	-
10:49	0.007	0.007	10:49	0.012	0.012	-
10:50	0.007	0.007	10:50	0.012	0.012	-
10:51	0.007	0.007	10:51	0.012	0.012	-
10:52	0.007	0.007	10:52	0.011	0.012	-
10:53	0.007	0.007	10:53	0.012	0.012	-
10:54	0.007	0.007	10:54	0.013	0.012	-
10:55	0.007	0.007	10:55	0.012	0.012	-
10:56	0.007	0.007	10:56	0.011	0.012	-
10:57	0.007	0.007	10:57	0.012	0.012	-
10:58	0.007	0.007	10:58	0.018	0.012	-
10:59	0.009	0.007	10:59	0.013	0.012	-
11:00	0.007	0.007	11:00	0.011	0.012	-
11:01	0.007	0.007	11:01	0.012	0.012	-
11:02	0.007	0.007	11:02	0.012	0.012	-
11:03	0.007	0.007	11:03	0.011	0.012	-
11:04	0.007	0.007	11:04	0.011	0.012	-
11:05	0.007	0.007	11:05	0.011	0.012	-
11:06	0.007	0.007	11:06	0.011	0.012	-
11:07	0.008	0.007	11:07	0.015	0.012	-
11:08	0.008	0.007	11:08	0.015	0.013	-
11:09	0.009	0.007	11:09	0.020	0.013	-
11:10	0.012	0.008	11:10	0.017	0.013	-
11:11	0.010	0.008	11:11	0.015	0.014	-
11:12	0.009	0.008	11:12	0.014	0.014	-
11:13	0.009	0.008	11:13	0.019	0.014	-
11:14	0.011	0.008	11:14	0.015	0.014	-
11:15	0.012	0.009	11:15	0.020	0.015	-
11:16	0.012	0.009	11:16	0.022	0.015	-
11:17	0.012	0.009	11:17	0.019	0.016	-
11:18	0.011	0.010	11:18	0.016	0.016	-
11:19	0.010	0.010	11:19	0.016	0.016	-
11:20	0.010	0.010	11:20	0.015	0.017	-
11:21	0.009	0.010	11:21	0.012	0.017	-
11:22	0.009	0.010	11:22	0.011	0.016	-
11:23	0.009	0.010	11:23	0.012	0.016	-
11:24	0.009	0.010	11:24	0.013	0.016	-
11:25	0.009	0.010	11:25	0.012	0.015	-
11:26	0.010	0.010	11:26	0.011	0.015	-
11:27	0.010	0.010	11:27	0.010	0.015	-
11:28	0.011	0.010	11:28	0.010	0.014	-
11:29	0.010	0.010	11:29	0.010	0.014	-
11:30	0.009	0.010	11:30	0.010	0.013	-
11:31	0.009	0.010	11:31	0.010	0.012	-
11:32	0.010	0.010	11:32	0.011	0.012	-
11:33	0.010	0.010	11:33	0.010	0.012	-
11:34	0.010	0.010	11:34	0.010	0.011	-
11:35	0.010	0.010	11:35	0.009	0.011	-
11:36	0.010	0.010	11:36	0.010	0.011	-
11:37	0.010	0.010	11:37	0.010	0.011	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
11:38	0.010	0.010	11:38	0.010	0.010	-
11:39	0.011	0.010	11:39	0.012	0.010	-
11:40	0.010	0.010	11:40	0.010	0.010	-
11:41	0.010	0.010	11:41	0.010	0.010	-
11:42	0.010	0.010	11:42	0.012	0.010	-
11:43	0.010	0.010	11:43	0.011	0.010	-
11:44	0.011	0.010	11:44	0.010	0.010	-
11:45	0.010	0.010	11:45	0.010	0.010	-
11:46	0.010	0.010	11:46	0.013	0.011	-
11:47	0.010	0.010	11:47	0.014	0.011	-
11:48	0.010	0.010	11:48	0.013	0.011	-
11:49	0.012	0.010	11:49	0.016	0.011	-
11:50	0.011	0.010	11:50	0.010	0.011	-
11:51	0.010	0.010	11:51	0.009	0.011	-
11:52	0.010	0.010	11:52	0.013	0.012	-
11:53	0.022	0.011	11:53	0.009	0.011	-
11:54	0.008	0.011	11:54	0.010	0.011	-
11:55	0.007	0.011	11:55	0.010	0.011	-
11:56	0.007	0.011	11:56	0.009	0.011	-
11:57	0.007	0.010	11:57	0.008	0.011	-
11:58	0.007	0.010	11:58	0.008	0.011	-
11:59	0.007	0.010	11:59	0.008	0.011	-
12:00	0.006	0.010	12:00	0.008	0.011	-
12:01	0.007	0.009	12:01	0.008	0.010	-
12:02	0.006	0.009	12:02	0.008	0.010	-
12:03	0.006	0.009	12:03	0.008	0.009	-
12:04	0.005	0.008	12:04	0.008	0.009	-
12:05	0.005	0.008	12:05	0.009	0.009	-
12:06	0.005	0.008	12:06	0.012	0.009	-
12:07	0.005	0.007	12:07	0.014	0.009	-
12:08	0.006	0.006	12:08	0.011	0.009	-
12:09	0.005	0.006	12:09	0.011	0.009	-
12:10	0.005	0.006	12:10	0.008	0.009	-
12:11	0.005	0.006	12:11	0.009	0.009	-
12:12	0.004	0.006	12:12	0.009	0.009	-
12:13	0.004	0.005	12:13	0.012	0.010	-
12:14	0.004	0.005	12:14	0.012	0.010	-
12:15	0.004	0.005	12:15	0.009	0.010	-
12:16	0.004	0.005	12:16	0.011	0.010	-
12:17	0.004	0.005	12:17	0.011	0.010	-
12:18	0.003	0.005	12:18	0.009	0.010	-
12:19	0.003	0.004	12:19	0.010	0.010	-
12:20	0.003	0.004	12:20	0.009	0.010	-
12:21	0.003	0.004	12:21	0.010	0.010	-
12:22	0.003	0.004	12:22	0.008	0.010	-
12:23	0.003	0.004	12:23	0.008	0.010	-
12:24	0.003	0.004	12:24	0.008	0.010	-
12:25	0.003	0.004	12:25	0.008	0.010	-
12:26	0.002	0.003	12:26	0.008	0.009	-
12:27	0.001	0.003	12:27	0.010	0.010	-
12:28	0.001	0.003	12:28	0.010	0.009	-
12:29	0.001	0.003	12:29	0.009	0.009	-
12:30	0.001	0.003	12:30	0.008	0.009	-
12:31	0.001	0.002	12:31	0.010	0.009	-
12:32	0.002	0.002	12:32	0.009	0.009	-
12:33	0.002	0.002	12:33	0.008	0.009	-
12:34	0.003	0.002	12:34	0.008	0.009	-
12:35	0.001	0.002	12:35	0.009	0.009	-
12:36	0.001	0.002	12:36	0.009	0.009	-
12:37	0.001	0.002	12:37	0.009	0.009	-
12:38	0.002	0.002	12:38	0.009	0.009	-
12:39	0.002	0.002	12:39	0.013	0.009	-
12:40	0.001	0.001	12:40	0.010	0.009	-
12:41	0.001	0.001	12:41	0.009	0.009	-
12:42	0.002	0.001	12:42	0.010	0.009	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
12:43	0.002	0.002	12:43	0.009	0.009	-
12:44	0.002	0.002	12:44	0.009	0.009	-
12:45	0.001	0.002	12:45	0.014	0.010	-
12:46	0.001	0.002	12:46	0.011	0.010	-
12:47	0.001	0.002	12:47	0.021	0.011	-
12:48	0.002	0.002	12:48	0.017	0.011	-
12:49	0.002	0.001	12:49	0.012	0.011	-
12:50	0.002	0.002	12:50	0.011	0.012	-
12:51	0.002	0.002	12:51	0.015	0.012	-
12:52	0.002	0.002	12:52	0.014	0.012	-
12:53	0.002	0.002	12:53	0.012	0.012	-
12:54	0.002	0.002	12:54	0.014	0.013	-
12:55	0.003	0.002	12:55	0.015	0.013	-
12:56	0.003	0.002	12:56	0.012	0.013	-
12:57	0.004	0.002	12:57	0.012	0.013	-
12:58	0.005	0.002	12:58	0.014	0.014	-
12:59	0.004	0.002	12:59	0.014	0.014	-
13:00	0.004	0.003	13:00	0.015	0.014	-
13:01	0.004	0.003	13:01	0.015	0.014	-
13:02	0.003	0.003	13:02	0.015	0.014	-
13:03	0.003	0.003	13:03	0.014	0.014	-
13:04	0.004	0.003	13:04	0.014	0.014	-
13:05	0.004	0.003	13:05	0.014	0.014	-
13:06	0.004	0.003	13:06	0.016	0.014	-
13:07	0.005	0.004	13:07	0.016	0.014	-
13:08	0.006	0.004	13:08	0.016	0.014	-
13:09	0.006	0.004	13:09	0.016	0.015	-
13:10	0.006	0.004	13:10	0.016	0.015	-
13:11	0.005	0.004	13:11	0.015	0.015	-
13:12	0.005	0.005	13:12	0.015	0.015	-
13:13	0.004	0.004	13:13	0.014	0.015	-
13:14	0.005	0.005	13:14	0.015	0.015	-
13:15	0.004	0.005	13:15	0.016	0.015	-
13:16	0.005	0.005	13:16	0.015	0.015	-
13:17	0.005	0.005	13:17	0.015	0.015	-
13:18	0.005	0.005	13:18	0.015	0.015	-
13:19	0.005	0.005	13:19	0.014	0.015	-
13:20	0.006	0.005	13:20	0.014	0.015	-
13:21	0.005	0.005	13:21	0.014	0.015	-
13:22	0.005	0.005	13:22	0.014	0.015	-
13:23	0.005	0.005	13:23	0.014	0.015	-
13:24	0.005	0.005	13:24	0.014	0.015	-
13:25	0.006	0.005	13:25	0.014	0.015	-
13:26	0.005	0.005	13:26	0.015	0.015	-
13:27	0.006	0.005	13:27	0.016	0.015	-
13:28	0.006	0.005	13:28	0.015	0.015	-
13:29	0.006	0.005	13:29	0.017	0.015	-
13:30	0.006	0.005	13:30	0.015	0.015	-
13:31	0.005	0.005	13:31	0.014	0.015	-
13:32	0.005	0.005	13:32	0.014	0.015	-
13:33	0.004	0.005	13:33	0.016	0.015	-
13:34	0.004	0.005	13:34	0.016	0.015	-
13:35	0.004	0.005	13:35	0.016	0.015	-
13:36	0.004	0.005	13:36	0.014	0.015	-
13:37	0.005	0.005	13:37	0.014	0.015	-
13:38	0.008	0.005	13:38	0.014	0.015	-
13:39	0.005	0.005	13:39	0.014	0.015	-
13:40	0.005	0.005	13:40	0.014	0.015	-
13:41	0.004	0.005	13:41	0.014	0.015	-
13:42	0.004	0.005	13:42	0.013	0.015	-
13:43	0.004	0.005	13:43	0.013	0.015	-
13:44	0.003	0.005	13:44	0.013	0.014	-
13:45	0.005	0.005	13:45	0.013	0.014	-
13:46	0.005	0.005	13:46	0.013	0.014	-
13:47	0.004	0.005	13:47	0.014	0.014	-
13:48	0.006	0.005	13:48	0.014	0.014	-
13:49	0.005	0.005	13:49	0.014	0.014	-
13:50	0.005	0.005	13:50	0.014	0.014	-
13:51	0.005	0.005	13:51	0.013	0.014	-
13:52	0.005	0.005	13:52	0.013	0.014	-
13:53	0.006	0.005	13:53	0.013	0.013	-
13:54	0.007	0.005	13:54	0.012	0.013	-
13:55	0.005	0.005	13:55	0.012	0.013	-
13:56	0.005	0.005	13:56	0.013	0.013	-
13:57	0.003	0.005	13:57	0.013	0.013	-
13:58	0.003	0.005	13:58	0.013	0.013	-
13:59	0.005	0.005	13:59	0.014	0.013	-
14:00	0.004	0.005	14:00	0.014	0.013	-
14:01	0.003	0.005	14:01	0.015	0.013	-
14:02	0.004	0.005	14:02	0.016	0.014	-
14:03	0.005	0.005	14:03	0.016	0.014	-
14:04	0.004	0.005	14:04	0.015	0.014	-
14:05	0.004	0.005	14:05	0.015	0.014	-
14:06	0.004	0.004	14:06	0.015	0.014	-
14:07	0.004	0.004	14:07	0.016	0.014	-
14:08	0.002	0.004	14:08	0.015	0.014	-
14:09	0.001	0.004	14:09	0.015	0.014	-
14:10	0.001	0.003	14:10	0.014	0.015	-
14:11	0.000	0.003	14:11	0.014	0.015	-
14:12	0.000	0.003	14:12	0.014	0.015	-
14:13			14:13	0.016	0.015	
14:14			14:14	0.014	0.015	
14:15			14:15	0.015	0.015	
14:16			14:16	0.013	0.015	
14:17			14:17	0.014	0.015	
14:18			14:18	0.012	0.014	
14:19			14:19	0.012	0.014	
14:20			14:20	0.012	0.014	
14:21			14:21	0.015	0.014	
14:22			14:22	0.016	0.014	
14:23			14:23	0.016	0.014	
14:24			14:24	0.014	0.014	
14:25			14:25	0.014	0.014	
14:26			14:26	0.020	0.014	

Tuesday, June 11, 2024						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						454
Start Time:						6:25
End Time:						14:26
PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
6:25			6:25	2.6		
6:26			6:26	0.0		
6:27			6:27	0.0		
6:28			6:28	0.0		
6:29			6:29	0.0		
6:30			6:30	0.0		
6:31			6:31	0.0		
6:32	0.1		6:32	0.0		
6:33	0.1		6:33	0.0		
6:34	0.1		6:34	0.0		
6:35	0.1		6:35	0.0		
6:36	0.0		6:36	0.0		
6:37	0.0		6:37	0.0		
6:38	0.0		6:38	0.0		
6:39	0.0		6:39	0.0		
6:40	0.0		6:40	0.0	0.0	
6:41	0.0		6:41	0.0	0.0	
6:42	0.0		6:42	0.0	0.0	
6:43	0.0		6:43	0.0	0.0	
6:44	0.0		6:44	0.0	0.0	
6:45	0.0		6:45	0.0	0.0	
6:46	0.0		6:46	0.0	0.0	
6:47	0.0	0.0	6:47	0.0	0.0	-
6:48	0.0	0.0	6:48	0.0	0.0	-
6:49	0.0	0.0	6:49	0.0	0.0	-
6:50	0.0	0.0	6:50	0.0	0.0	-
6:51	0.0	0.0	6:51	0.0	0.0	-
6:52	0.0	0.0	6:52	0.0	0.0	-
6:53	0.0	0.0	6:53	0.0	0.0	-
6:54	0.0	0.0	6:54	0.0	0.0	-
6:55	0.0	0.0	6:55	0.0	0.0	-
6:56	0.0	0.0	6:56	0.0	0.0	-
6:57	0.0	0.0	6:57	0.0	0.0	-
6:58	0.0	0.0	6:58	0.0	0.0	-
6:59	0.0	0.0	6:59	0.0	0.0	-
7:00	0.0	0.0	7:00	0.0	0.0	-
7:01	0.0	0.0	7:01	0.0	0.0	-
7:02	0.0	0.0	7:02	0.0	0.0	-
7:03	0.0	0.0	7:03	0.0	0.0	-
7:04	0.0	0.0	7:04	0.0	0.0	-
7:05	0.0	0.0	7:05	0.0	0.0	-
7:06	0.0	0.0	7:06	0.0	0.0	-
7:07	0.0	0.0	7:07	0.0	0.0	-
7:08	0.0	0.0	7:08	0.0	0.0	-
7:09	0.0	0.0	7:09	0.0	0.0	-
7:10	0.0	0.0	7:10	0.0	0.0	-
7:11	0.0	0.0	7:11	0.0	0.0	-
7:12	0.0	0.0	7:12	0.0	0.0	-
7:13	0.0	0.0	7:13	0.0	0.0	-
7:14	0.0	0.0	7:14	0.0	0.0	-
7:15	0.0	0.0	7:15	0.0	0.0	-
7:16	0.0	0.0	7:16	0.0	0.0	-
7:17	0.0	0.0	7:17	0.0	0.0	-
7:18	0.0	0.0	7:18	0.0	0.0	-
7:19	0.0	0.0	7:19	0.0	0.0	-
7:20	0.0	0.0	7:20	0.0	0.0	-
7:21	0.0	0.0	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	0.0	-
7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	0.0	0.0	7:24	0.0	0.0	-
7:25	0.0	0.0	7:25	0.0	0.0	-
7:26	0.0	0.0	7:26	0.0	0.0	-
7:27	0.0	0.0	7:27	0.0	0.0	-
7:28	0.0	0.0	7:28	0.0	0.0	-
7:29	0.0	0.0	7:29	0.0	0.0	-
7:30	0.0	0.0	7:30	0.0	0.0	-
7:31	0.0	0.0	7:31	0.0	0.0	-
7:32	0.0	0.0	7:32	0.0	0.0	-
7:33	0.0	0.0	7:33	0.0	0.0	-
7:34	0.0	0.0	7:34	0.0	0.0	-
7:35	0.0	0.0	7:35	0.0	0.0	-
7:36	0.0	0.0	7:36	0.0	0.0	-
7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.1	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.1	0.0	-
11:07	0.0	0.0	11:07	0.1	0.0	-
11:08	0.0	0.0	11:08	0.1	0.0	-
11:09	0.0	0.0	11:09	0.1	0.0	-
11:10	0.0	0.0	11:10	0.1	0.0	-
11:11	0.0	0.0	11:11	0.1	0.0	-
11:12	0.0	0.0	11:12	0.1	0.1	-
11:13	0.0	0.0	11:13	0.1	0.1	-
11:14	0.0	0.0	11:14	0.1	0.1	-
11:15	0.0	0.0	11:15	0.1	0.1	-
11:16	0.0	0.0	11:16	0.1	0.1	-
11:17	0.0	0.0	11:17	0.1	0.1	-
11:18	0.0	0.0	11:18	0.1	0.1	-
11:19	0.0	0.0	11:19	0.1	0.1	-
11:20	0.0	0.0	11:20	0.1	0.1	-
11:21	0.0	0.0	11:21	0.1	0.1	-
11:22	0.0	0.0	11:22	0.1	0.1	-
11:23	0.0	0.0	11:23	0.1	0.1	-
11:24	0.0	0.0	11:24	0.1	0.1	-
11:25	0.0	0.0	11:25	0.1	0.1	-
11:26	0.0	0.0	11:26	0.1	0.1	-
11:27	0.0	0.0	11:27	0.1	0.1	-
11:28	0.0	0.0	11:28	0.1	0.1	-
11:29	0.0	0.0	11:29	0.1	0.1	-
11:30	0.0	0.0	11:30	0.1	0.1	-
11:31	0.0	0.0	11:31	0.1	0.1	-
11:32	0.0	0.0	11:32	0.1	0.1	-
11:33	0.0	0.0	11:33	0.1	0.1	-
11:34	0.0	0.0	11:34	0.1	0.1	-
11:35	0.0	0.0	11:35	0.1	0.1	-
11:36	0.0	0.0	11:36	0.1	0.1	-
11:37	0.0	0.0	11:37	0.1	0.1	-
11:38	0.0	0.0	11:38	0.1	0.1	-
11:39	0.0	0.0	11:39	0.1	0.1	-
11:40	0.0	0.0	11:40	0.1	0.1	-
11:41	0.0	0.0	11:41	0.1	0.1	-
11:42	0.0	0.0	11:42	0.1	0.1	-
11:43	0.0	0.0	11:43	0.1	0.1	-
11:44	0.0	0.0	11:44	0.1	0.1	-
11:45	0.0	0.0	11:45	0.1	0.1	-
11:46	0.0	0.0	11:46	0.1	0.1	-
11:47	0.0	0.0	11:47	0.1	0.1	-
11:48	0.0	0.0	11:48	0.1	0.1	-
11:49	0.0	0.0	11:49	0.1	0.1	-
11:50	0.0	0.0	11:50	0.1	0.1	-
11:51	0.0	0.0	11:51	0.1	0.1	-
11:52	0.0	0.0	11:52	0.1	0.1	-
11:53	0.0	0.0	11:53	0.1	0.1	-
11:54	0.0	0.0	11:54	0.1	0.1	-
11:55	0.0	0.0	11:55	0.1	0.1	-
11:56	0.0	0.0	11:56	0.1	0.1	-
11:57	0.0	0.0	11:57	0.1	0.1	-
11:58	0.0	0.0	11:58	0.1	0.1	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
11:59	0.0	0.0	11:59	0.1	0.1	-
12:00	0.0	0.0	12:00	0.1	0.1	-
12:01	0.0	0.0	12:01	0.1	0.1	-
12:02	0.0	0.0	12:02	0.1	0.1	-
12:03	0.0	0.0	12:03	0.1	0.1	-
12:04	0.0	0.0	12:04	0.1	0.1	-
12:05	0.0	0.0	12:05	0.1	0.1	-
12:06	0.0	0.0	12:06	0.1	0.1	-
12:07	0.0	0.0	12:07	0.1	0.1	-
12:08	0.0	0.0	12:08	0.1	0.1	-
12:09	0.0	0.0	12:09	0.1	0.1	-
12:10	0.0	0.0	12:10	0.1	0.1	-
12:11	0.0	0.0	12:11	0.1	0.1	-
12:12	0.0	0.0	12:12	0.1	0.1	-
12:13	0.0	0.0	12:13	0.1	0.1	-
12:14	0.0	0.0	12:14	0.1	0.1	-
12:15	0.0	0.0	12:15	0.1	0.1	-
12:16	0.0	0.0	12:16	0.1	0.1	-
12:17	0.0	0.0	12:17	0.1	0.1	-
12:18	0.0	0.0	12:18	0.1	0.1	-
12:19	0.0	0.0	12:19	0.1	0.1	-
12:20	0.0	0.0	12:20	0.1	0.1	-
12:21	0.0	0.0	12:21	0.1	0.1	-
12:22	0.0	0.0	12:22	0.1	0.1	-
12:23	0.0	0.0	12:23	0.1	0.1	-
12:24	0.0	0.0	12:24	0.1	0.1	-
12:25	0.0	0.0	12:25	0.1	0.1	-
12:26	0.0	0.0	12:26	0.1	0.1	-
12:27	0.0	0.0	12:27	0.1	0.1	-
12:28	0.0	0.0	12:28	0.1	0.1	-
12:29	0.0	0.0	12:29	0.1	0.1	-
12:30	0.0	0.0	12:30	0.1	0.1	-
12:31	0.0	0.0	12:31	0.1	0.1	-
12:32	0.0	0.0	12:32	0.1	0.1	-
12:33	0.0	0.0	12:33	0.1	0.1	-
12:34	0.0	0.0	12:34	0.1	0.1	-
12:35	0.0	0.0	12:35	0.1	0.1	-
12:36	0.0	0.0	12:36	0.1	0.1	-
12:37	0.0	0.0	12:37	0.1	0.1	-
12:38	0.0	0.0	12:38	0.1	0.1	-
12:39	0.0	0.0	12:39	0.1	0.1	-
12:40	0.0	0.0	12:40	0.1	0.1	-
12:41	0.0	0.0	12:41	0.1	0.1	-
12:42	0.0	0.0	12:42	0.1	0.1	-
12:43	0.0	0.0	12:43	0.1	0.1	-
12:44	0.0	0.0	12:44	0.1	0.1	-
12:45	0.0	0.0	12:45	0.1	0.1	-
12:46	0.0	0.0	12:46	0.1	0.1	-
12:47	0.0	0.0	12:47	0.1	0.1	-
12:48	0.0	0.0	12:48	0.1	0.1	-
12:49	0.0	0.0	12:49	0.1	0.1	-
12:50	0.0	0.0	12:50	0.1	0.1	-
12:51	0.0	0.0	12:51	0.1	0.1	-
12:52	0.0	0.0	12:52	0.1	0.1	-
12:53	0.0	0.0	12:53	0.1	0.1	-
12:54	0.0	0.0	12:54	0.1	0.1	-
12:55	0.0	0.0	12:55	0.1	0.1	-
12:56	0.0	0.0	12:56	0.1	0.1	-
12:57	0.0	0.0	12:57	0.1	0.1	-
12:58	0.0	0.0	12:58	0.1	0.1	-
12:59	0.0	0.0	12:59	0.1	0.1	-
13:00	0.0	0.0	13:00	0.1	0.1	-
13:01	0.0	0.0	13:01	0.1	0.1	-
13:02	0.0	0.0	13:02	0.1	0.1	-
13:03	0.0	0.0	13:03	0.1	0.1	-
13:04	0.0	0.0	13:04	0.1	0.1	-
13:05	0.0	0.0	13:05	0.1	0.1	-
13:06	0.0	0.0	13:06	0.1	0.1	-
13:07	0.0	0.0	13:07	0.1	0.1	-
13:08	0.0	0.0	13:08	0.1	0.1	-
13:09	0.0	0.0	13:09	0.1	0.1	-
13:10	0.0	0.0	13:10	0.1	0.1	-
13:11	0.0	0.0	13:11	0.1	0.1	-
13:12	0.0	0.0	13:12	0.0	0.1	-
13:13	0.0	0.0	13:13	0.0	0.1	-
13:14	0.0	0.0	13:14	0.0	0.1	-
13:15	0.0	0.0	13:15	0.0	0.1	-
13:16	0.0	0.0	13:16	0.0	0.1	-
13:17	0.0	0.0	13:17	0.0	0.1	-
13:18	0.0	0.0	13:18	0.0	0.1	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21			14:21	0.0	0.0	
14:22			14:22	0.0	0.0	
14:23			14:23	0.0	0.0	
14:24			14:24	0.0	0.0	
14:25			14:25	0.0	0.0	
14:26			14:26	0.0	0.0	

DAILY FIELD REPORT – Day 008

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Wednesday, June 12, 2024
PROJECT No.:	170562203	**WEATHER:**	Overcast, 63to 76°F Wind: W @ 6 – 12 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:20 – 15:20 (9 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT: Versa-Sonic Drill Rig MiniRAE 3000 Photoionization Detector	**PRESENT AT SITE:** **Langan:** Lisa Cristiano, Erik Orantes **Coastal Environmental Solutions, Inc. (Coastal):** Chris Slavin, Nick Turro

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance two soil borings (SBD04 and SBD06) to depths of about 85 feet below grade surface (bgs) in the western and central parts of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID).
    - At SBD04, a maximum PID reading of 11.3 parts per million (ppm) was observed in organic material recovered from about 67 feet bgs. No sheen, odor, or staining was observed in SBD04.
    - At SBD06, a naphthalene-like odor, sheen, and a maximum PID reading of 52.1 ppm was observed from about 10 to 21 feet bgs. No sheen, odor, or staining was observed below 21 feet bgs.
- Langan used an oil-water interface probe to gauge 16 groundwater monitoring wells at the site. Light non-aqueous phase liquid (LNAPL) was detected in two monitoring wells, as detailed below:
    - MW-002: LNAPL thickness = 2.60 feet
    - MW-012: LNAPL thickness = 1.10 feet

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Material Tracking

- Investigation-derived waste (IDW) was containerized in 55-gallon drums. The drums were labeled and staged in the southeastern and northern parts of the site pending off-site disposal.

Total Drum Counts	
Soil	**Groundwater / Decon Water**
7	5

Anticipated Activities

- Langan will place oil-absorbent socks in monitoring wells with LNAPL detected.
- Langan and Coastal will begin implementation of the Waste Characterization Investigation.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Photographs:

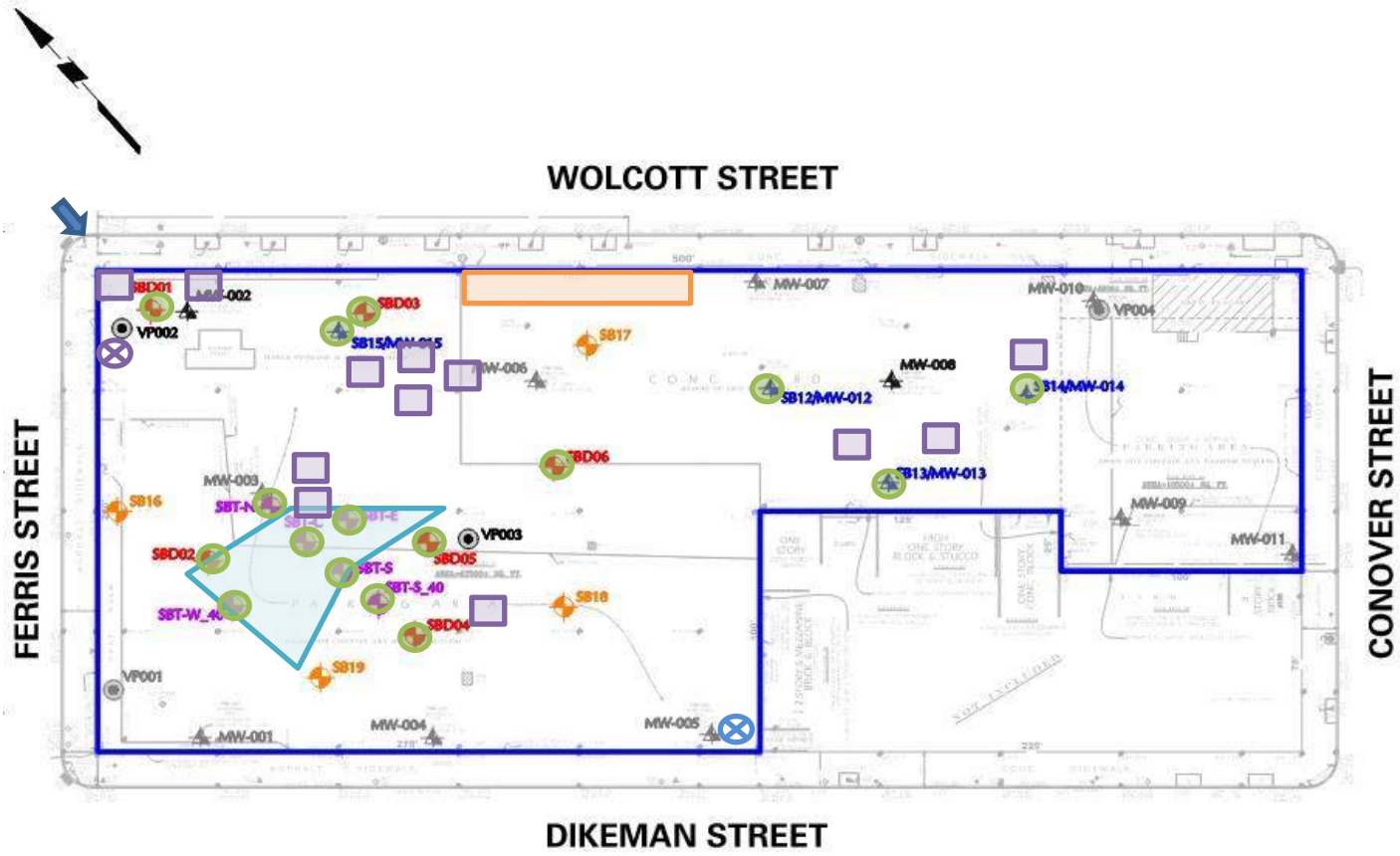
Photo 1: Coastal advancing soil boring SBD04 in the western part of the site (facing southwest)

Photo 2: Coastal advancing soil boring SBD06 in the central part of the site (facing south)

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Upwind CAMP Station
- Downwind CAMP Station
- Wind Direction
- Soil Boring and/or Monitoring Well Completed
- Proposed DNAPL Delineation Soil Boring and Monitoring Well Location
- Proposed Continency DNAPL Delineation Step-Out Soil Boring Location
- Proposed LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)
- Tar-like Material Investigation Area

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

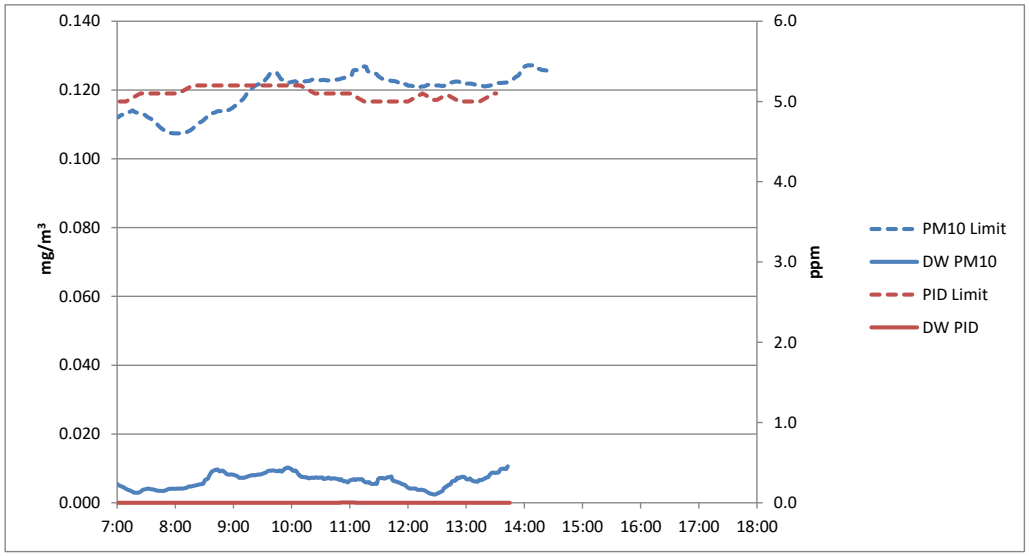
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 6/12/2024
Start: 6:29
End: 14:50
Observer: Lisa Cristiano

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.019	0.008
Minimum 15min Average	0.007	0.002
Maximum 15min Average	0.027	0.013
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.007	0.001
Maximum 1min Reading	0.044	0.023

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.1	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.2	0.0
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.2	0.1

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

Wednesday, June 12, 2024						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						473
Start Time:						6:29
End Time:						14:49
PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
6:29			6:29	0.029		
6:30			6:30	0.009		
6:31			6:31	0.009		
6:32			6:32	0.009		
6:33			6:33	0.009		
6:34	0.044		6:34	0.009		
6:35	0.020		6:35	0.010		
6:36	0.015		6:36	0.010		
6:37	0.014		6:37	0.009		
6:38	0.014		6:38	0.008		
6:39	0.013		6:39	0.007		
6:40	0.013		6:40	0.007		
6:41	0.015		6:41	0.007		
6:42	0.017		6:42	0.007		
6:43	0.016		6:43	0.007	0.010	
6:44	0.014		6:44	0.006	0.008	
6:45	0.015		6:45	0.007	0.008	
6:46	0.014		6:46	0.009	0.008	
6:47	0.013		6:47	0.008	0.008	
6:48	0.013		6:48	0.007	0.008	
6:49	0.013	0.015	6:49	0.006	0.008	-
6:50	0.011	0.014	6:50	0.005	0.007	-
6:51	0.012	0.014	6:51	0.006	0.007	-
6:52	0.011	0.014	6:52	0.005	0.007	-
6:53	0.011	0.013	6:53	0.005	0.007	-
6:54	0.011	0.013	6:54	0.005	0.006	-
6:55	0.011	0.013	6:55	0.004	0.006	-
6:56	0.012	0.013	6:56	0.004	0.006	-
6:57	0.013	0.013	6:57	0.004	0.006	-
6:58	0.013	0.012	6:58	0.004	0.006	-
6:59	0.014	0.012	6:59	0.005	0.006	-
7:00	0.014	0.012	7:00	0.005	0.005	-
7:01	0.012	0.012	7:01	0.005	0.005	-
7:02	0.012	0.012	7:02	0.006	0.005	-
7:03	0.012	0.012	7:03	0.005	0.005	-
7:04	0.012	0.012	7:04	0.004	0.005	-
7:05	0.014	0.012	7:05	0.004	0.005	-
7:06	0.012	0.012	7:06	0.003	0.005	-
7:07	0.012	0.012	7:07	0.004	0.004	-
7:08	0.012	0.012	7:08	0.002	0.004	-
7:09	0.012	0.012	7:09	0.002	0.004	-
7:10	0.012	0.013	7:10	0.002	0.004	-
7:11	0.011	0.012	7:11	0.002	0.004	-
7:12	0.012	0.012	7:12	0.002	0.004	-
7:13	0.012	0.012	7:13	0.003	0.004	-
7:14	0.012	0.012	7:14	0.003	0.003	-
7:15	0.012	0.012	7:15	0.003	0.003	-
7:16	0.015	0.012	7:16	0.003	0.003	-
7:17	0.016	0.013	7:17	0.003	0.003	-
7:18	0.014	0.013	7:18	0.004	0.003	-
7:19	0.014	0.013	7:19	0.004	0.003	-
7:20	0.013	0.013	7:20	0.004	0.003	-
7:21	0.014	0.013	7:21	0.003	0.003	-
7:22	0.014	0.013	7:22	0.004	0.003	-
7:23	0.014	0.013	7:23	0.004	0.003	-
7:24	0.014	0.013	7:24	0.004	0.003	-
7:25	0.014	0.013	7:25	0.005	0.003	-
7:26	0.014	0.014	7:26	0.006	0.004	-
7:27	0.013	0.014	7:27	0.004	0.004	-
7:28	0.014	0.014	7:28	0.004	0.004	-
7:29	0.014	0.014	7:29	0.004	0.004	-
7:30	0.014	0.014	7:30	0.004	0.004	-
7:31	0.012	0.014	7:31	0.004	0.004	-
7:32	0.013	0.014	7:32	0.004	0.004	-
7:33	0.012	0.014	7:33	0.003	0.004	-
7:34	0.013	0.013	7:34	0.003	0.004	-
7:35	0.012	0.013	7:35	0.003	0.004	-
7:36	0.012	0.013	7:36	0.003	0.004	-
7:37	0.013	0.013	7:37	0.003	0.004	-
7:38	0.013	0.013	7:38	0.003	0.004	-
7:39	0.013	0.013	7:39	0.003	0.004	-
7:40	0.012	0.013	7:40	0.004	0.004	-
7:41	0.014	0.013	7:41	0.004	0.004	-
7:42	0.012	0.013	7:42	0.004	0.004	-
7:43	0.011	0.013	7:43	0.003	0.003	-
7:44	0.011	0.012	7:44	0.004	0.003	-
7:45	0.010	0.012	7:45	0.004	0.003	-
7:46	0.010	0.012	7:46	0.004	0.003	-
7:47	0.010	0.012	7:47	0.003	0.003	-
7:48	0.011	0.012	7:48	0.004	0.003	-
7:49	0.010	0.012	7:49	0.004	0.004	-
7:50	0.010	0.011	7:50	0.004	0.004	-
7:51	0.009	0.011	7:51	0.005	0.004	-
7:52	0.009	0.011	7:52	0.005	0.004	-
7:53	0.009	0.011	7:53	0.005	0.004	-
7:54	0.009	0.010	7:54	0.004	0.004	-
7:55	0.008	0.010	7:55	0.004	0.004	-
7:56	0.008	0.010	7:56	0.004	0.004	-
7:57	0.008	0.010	7:57	0.004	0.004	-
7:58	0.007	0.009	7:58	0.004	0.004	-
7:59	0.007	0.009	7:59	0.003	0.004	-
8:00	0.007	0.009	8:00	0.004	0.004	-
8:01	0.007	0.009	8:01	0.004	0.004	-
8:02	0.007	0.008	8:02	0.004	0.004	-
8:03	0.007	0.008	8:03	0.004	0.004	-
8:04	0.008	0.008	8:04	0.004	0.004	-
8:05	0.008	0.008	8:05	0.004	0.004	-
8:06	0.008	0.008	8:06	0.005	0.004	-
8:07	0.008	0.008	8:07	0.005	0.004	-
8:08	0.007	0.008	8:08	0.005	0.004	-
8:09	0.008	0.008	8:09	0.005	0.004	-
8:10	0.007	0.007	8:10	0.005	0.004	-
8:11	0.008	0.007	8:11	0.005	0.004	-
8:12	0.007	0.007	8:12	0.005	0.004	-
8:13	0.007	0.007	8:13	0.007	0.005	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
8:14	0.007	0.007	8:14	0.005	0.005	-
8:15	0.007	0.007	8:15	0.004	0.005	-
8:16	0.007	0.007	8:16	0.004	0.005	-
8:17	0.007	0.007	8:17	0.005	0.005	-
8:18	0.007	0.007	8:18	0.005	0.005	-
8:19	0.008	0.007	8:19	0.005	0.005	-
8:20	0.008	0.007	8:20	0.005	0.005	-
8:21	0.008	0.007	8:21	0.006	0.005	-
8:22	0.008	0.007	8:22	0.006	0.005	-
8:23	0.009	0.008	8:23	0.006	0.005	-
8:24	0.009	0.008	8:24	0.006	0.005	-
8:25	0.009	0.008	8:25	0.006	0.005	-
8:26	0.009	0.008	8:26	0.006	0.005	-
8:27	0.009	0.008	8:27	0.006	0.005	-
8:28	0.009	0.008	8:28	0.007	0.005	-
8:29	0.009	0.008	8:29	0.007	0.006	-
8:30	0.010	0.008	8:30	0.014	0.006	-
8:31	0.010	0.009	8:31	0.010	0.007	-
8:32	0.010	0.009	8:32	0.007	0.007	-
8:33	0.011	0.009	8:33	0.007	0.007	-
8:34	0.011	0.009	8:34	0.009	0.007	-
8:35	0.012	0.010	8:35	0.015	0.008	-
8:36	0.012	0.010	8:36	0.013	0.008	-
8:37	0.012	0.010	8:37	0.013	0.009	-
8:38	0.012	0.010	8:38	0.011	0.009	-
8:39	0.012	0.010	8:39	0.008	0.009	-
8:40	0.012	0.011	8:40	0.008	0.009	-
8:41	0.011	0.011	8:41	0.008	0.010	-
8:42	0.012	0.011	8:42	0.007	0.010	-
8:43	0.012	0.011	8:43	0.007	0.010	-
8:44	0.013	0.011	8:44	0.008	0.010	-
8:45	0.014	0.012	8:45	0.008	0.009	-
8:46	0.014	0.012	8:46	0.008	0.009	-
8:47	0.015	0.012	8:47	0.009	0.009	-
8:48	0.014	0.013	8:48	0.008	0.009	-
8:49	0.014	0.013	8:49	0.009	0.009	-
8:50	0.017	0.013	8:50	0.011	0.009	-
8:51	0.014	0.013	8:51	0.011	0.009	-
8:52	0.013	0.013	8:52	0.008	0.009	-
8:53	0.013	0.013	8:53	0.007	0.008	-
8:54	0.013	0.013	8:54	0.007	0.008	-
8:55	0.013	0.013	8:55	0.007	0.008	-
8:56	0.014	0.014	8:56	0.008	0.008	-
8:57	0.013	0.014	8:57	0.007	0.008	-
8:58	0.014	0.014	8:58	0.008	0.008	-
8:59	0.013	0.014	8:59	0.007	0.008	-
9:00	0.014	0.014	9:00	0.007	0.008	-
9:01	0.014	0.014	9:01	0.007	0.008	-
9:02	0.014	0.014	9:02	0.007	0.008	-
9:03	0.014	0.014	9:03	0.007	0.008	-
9:04	0.015	0.014	9:04	0.007	0.008	-
9:05	0.015	0.014	9:05	0.007	0.007	-
9:06	0.015	0.014	9:06	0.008	0.007	-
9:07	0.015	0.014	9:07	0.008	0.007	-
9:08	0.015	0.014	9:08	0.007	0.007	-
9:09	0.015	0.014	9:09	0.007	0.007	-
9:10	0.015	0.014	9:10	0.007	0.007	-
9:11	0.016	0.014	9:11	0.008	0.007	-
9:12	0.016	0.015	9:12	0.009	0.007	-
9:13	0.016	0.015	9:13	0.009	0.007	-
9:14	0.017	0.015	9:14	0.009	0.008	-
9:15	0.017	0.015	9:15	0.008	0.008	-
9:16	0.017	0.015	9:16	0.009	0.008	-
9:17	0.018	0.016	9:17	0.008	0.008	-
9:18	0.018	0.016	9:18	0.008	0.008	-
9:19	0.018	0.016	9:19	0.008	0.008	-
9:20	0.018	0.016	9:20	0.008	0.008	-
9:21	0.018	0.017	9:21	0.007	0.008	-
9:22	0.019	0.017	9:22	0.008	0.008	-
9:23	0.019	0.017	9:23	0.008	0.008	-
9:24	0.019	0.017	9:24	0.008	0.008	-
9:25	0.020	0.018	9:25	0.008	0.008	-
9:26	0.022	0.018	9:26	0.008	0.008	-
9:27	0.023	0.019	9:27	0.009	0.008	-
9:28	0.022	0.019	9:28	0.010	0.008	-
9:29	0.022	0.019	9:29	0.010	0.008	-
9:30	0.021	0.020	9:30	0.010	0.008	-
9:31	0.021	0.020	9:31	0.010	0.009	-
9:32	0.021	0.020	9:32	0.010	0.009	-
9:33	0.024	0.020	9:33	0.009	0.009	-
9:34	0.022	0.021	9:34	0.011	0.009	-
9:35	0.022	0.021	9:35	0.011	0.009	-
9:36	0.021	0.021	9:36	0.009	0.009	-
9:37	0.021	0.021	9:37	0.009	0.009	-
9:38	0.021	0.021	9:38	0.008	0.009	-
9:39	0.021	0.022	9:39	0.008	0.009	-
9:40	0.021	0.022	9:40	0.009	0.009	-
9:41	0.022	0.022	9:41	0.008	0.009	-
9:42	0.022	0.022	9:42	0.008	0.009	-
9:43	0.022	0.022	9:43	0.010	0.009	-
9:44	0.024	0.022	9:44	0.008	0.009	-
9:45	0.029	0.022	9:45	0.010	0.009	-
9:46	0.026	0.023	9:46	0.010	0.009	-
9:47	0.028	0.023	9:47	0.012	0.009	-
9:48	0.028	0.023	9:48	0.010	0.009	-
9:49	0.027	0.024	9:49	0.008	0.009	-
9:50	0.027	0.024	9:50	0.009	0.009	-
9:51	0.029	0.025	9:51	0.014	0.009	-
9:52	0.024	0.025	9:52	0.012	0.010	-
9:53	0.023	0.025	9:53	0.013	0.010	-
9:54	0.022	0.025	9:54	0.009	0.010	-
9:55	0.023	0.025	9:55	0.012	0.010	-
9:56	0.024	0.025	9:56	0.008	0.010	-
9:57	0.022	0.025	9:57	0.008	0.010	-
9:58	0.021	0.025	9:58	0.007	0.010	-
9:59	0.021	0.025	9:59	0.007	0.010	-
10:00	0.021	0.024	10:00	0.006	0.010	-
10:01	0.021	0.024	10:01	0.006	0.009	-
10:02	0.021	0.024	10:02	0.010	0.009	-
10:03	0.022	0.023	10:03	0.012	0.009	-
10:04	0.025	0.023	10:04	0.007	0.009	-
10:05	0.025	0.023	10:05	0.006	0.009	-
10:06	0.023	0.023	10:06	0.007	0.009	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
10:07	0.023	0.022	10:07	0.007	0.008	-
10:08	0.021	0.022	10:08	0.007	0.008	-
10:09	0.022	0.022	10:09	0.008	0.008	-
10:10	0.023	0.022	10:10	0.007	0.008	-
10:11	0.022	0.022	10:11	0.008	0.008	-
10:12	0.022	0.022	10:12	0.007	0.007	-
10:13	0.022	0.022	10:13	0.007	0.007	-
10:14	0.022	0.022	10:14	0.006	0.007	-
10:15	0.022	0.022	10:15	0.006	0.007	-
10:16	0.022	0.022	10:16	0.006	0.007	-
10:17	0.022	0.023	10:17	0.006	0.007	-
10:18	0.022	0.023	10:18	0.012	0.007	-
10:19	0.022	0.022	10:19	0.008	0.007	-
10:20	0.022	0.022	10:20	0.007	0.007	-
10:21	0.022	0.022	10:21	0.007	0.007	-
10:22	0.023	0.022	10:22	0.007	0.007	-
10:23	0.024	0.022	10:23	0.007	0.007	-
10:24	0.023	0.022	10:24	0.008	0.007	-
10:25	0.023	0.022	10:25	0.009	0.007	-
10:26	0.023	0.022	10:26	0.007	0.007	-
10:27	0.023	0.022	10:27	0.006	0.007	-
10:28	0.023	0.023	10:28	0.007	0.007	-
10:29	0.023	0.023	10:29	0.007	0.007	-
10:30	0.022	0.023	10:30	0.006	0.007	-
10:31	0.022	0.023	10:31	0.006	0.007	-
10:32	0.023	0.023	10:32	0.006	0.007	-
10:33	0.023	0.023	10:33	0.006	0.007	-
10:34	0.024	0.023	10:34	0.008	0.007	-
10:35	0.024	0.023	10:35	0.009	0.007	-
10:36	0.023	0.023	10:36	0.007	0.007	-
10:37	0.023	0.023	10:37	0.009	0.007	-
10:38	0.022	0.023	10:38	0.009	0.007	-
10:39	0.022	0.023	10:39	0.006	0.007	-
10:40	0.023	0.023	10:40	0.006	0.007	-
10:41	0.023	0.023	10:41	0.007	0.007	-
10:42	0.023	0.023	10:42	0.007	0.007	-
10:43	0.023	0.023	10:43	0.008	0.007	-
10:44	0.023	0.023	10:44	0.006	0.007	-
10:45	0.022	0.023	10:45	0.006	0.007	-
10:46	0.023	0.023	10:46	0.005	0.007	-
10:47	0.023	0.023	10:47	0.005	0.007	-
10:48	0.023	0.023	10:48	0.005	0.007	-
10:49	0.023	0.023	10:49	0.005	0.007	-
10:50	0.023	0.023	10:50	0.008	0.007	-
10:51	0.023	0.023	10:51	0.011	0.007	-
10:52	0.023	0.023	10:52	0.005	0.007	-
10:53	0.023	0.023	10:53	0.005	0.006	-
10:54	0.023	0.023	10:54	0.005	0.006	-
10:55	0.023	0.023	10:55	0.007	0.006	-
10:56	0.023	0.023	10:56	0.005	0.006	-
10:57	0.023	0.023	10:57	0.005	0.006	-
10:58	0.023	0.023	10:58	0.006	0.006	-
10:59	0.023	0.023	10:59	0.011	0.006	-
11:00	0.023	0.023	11:00	0.009	0.006	-
11:01	0.024	0.023	11:01	0.007	0.007	-
11:02	0.023	0.023	11:02	0.006	0.007	-
11:03	0.024	0.023	11:03	0.006	0.007	-
11:04	0.024	0.023	11:04	0.007	0.007	-
11:05	0.025	0.023	11:05	0.006	0.007	-
11:06	0.024	0.023	11:06	0.009	0.007	-
11:07	0.024	0.023	11:07	0.008	0.007	-
11:08	0.024	0.024	11:08	0.006	0.007	-
11:09	0.024	0.024	11:09	0.005	0.007	-
11:10	0.025	0.024	11:10	0.006	0.007	-
11:11	0.024	0.024	11:11	0.005	0.007	-
11:12	0.024	0.024	11:12	0.006	0.007	-
11:13	0.024	0.024	11:13	0.005	0.007	-
11:14	0.024	0.024	11:14	0.005	0.006	-
11:15	0.026	0.024	11:15	0.005	0.006	-
11:16	0.026	0.024	11:16	0.005	0.006	-
11:17	0.039	0.025	11:17	0.005	0.006	-
11:18	0.029	0.026	11:18	0.006	0.006	-
11:19	0.025	0.026	11:19	0.006	0.006	-
11:20	0.025	0.026	11:20	0.008	0.006	-
11:21	0.024	0.026	11:21	0.005	0.006	-
11:22	0.024	0.026	11:22	0.005	0.006	-
11:23	0.024	0.026	11:23	0.005	0.005	-
11:24	0.026	0.026	11:24	0.005	0.005	-
11:25	0.026	0.026	11:25	0.006	0.005	-
11:26	0.027	0.026	11:26	0.006	0.006	-
11:27	0.027	0.026	11:27	0.006	0.006	-
11:28	0.029	0.027	11:28	0.005	0.006	-
11:29	0.026	0.027	11:29	0.023	0.007	-
11:30	0.025	0.027	11:30	0.010	0.007	-
11:31	0.025	0.027	11:31	0.007	0.007	-
11:32	0.024	0.026	11:32	0.005	0.007	-
11:33	0.024	0.025	11:33	0.006	0.007	-
11:34	0.024	0.025	11:34	0.006	0.007	-
11:35	0.024	0.025	11:35	0.006	0.007	-
11:36	0.025	0.025	11:36	0.005	0.007	-
11:37	0.024	0.025	11:37	0.006	0.007	-
11:38	0.023	0.025	11:38	0.007	0.007	-
11:39	0.023	0.025	11:39	0.007	0.007	-
11:40	0.024	0.025	11:40	0.007	0.007	-
11:41	0.024	0.025	11:41	0.006	0.007	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
11:42	0.024	0.025	11:42	0.006	0.007	-
11:43	0.023	0.024	11:43	0.007	0.008	-
11:44	0.023	0.024	11:44	0.008	0.007	-
11:45	0.022	0.024	11:45	0.007	0.006	-
11:46	0.022	0.024	11:46	0.005	0.006	-
11:47	0.021	0.023	11:47	0.005	0.006	-
11:48	0.023	0.023	11:48	0.004	0.006	-
11:49	0.023	0.023	11:49	0.005	0.006	-
11:50	0.022	0.023	11:50	0.004	0.006	-
11:51	0.024	0.023	11:51	0.004	0.006	-
11:52	0.023	0.023	11:52	0.004	0.006	-
11:53	0.022	0.023	11:53	0.004	0.006	-
11:54	0.022	0.023	11:54	0.006	0.005	-
11:55	0.023	0.023	11:55	0.005	0.005	-
11:56	0.024	0.023	11:56	0.005	0.005	-
11:57	0.023	0.023	11:57	0.004	0.005	-
11:58	0.022	0.023	11:58	0.003	0.005	-
11:59	0.024	0.023	11:59	0.004	0.005	-
12:00	0.021	0.023	12:00	0.004	0.004	-
12:01	0.021	0.023	12:01	0.003	0.004	-
12:02	0.020	0.022	12:02	0.003	0.004	-
12:03	0.021	0.022	12:03	0.004	0.004	-
12:04	0.021	0.022	12:04	0.005	0.004	-
12:05	0.020	0.022	12:05	0.004	0.004	-
12:06	0.020	0.022	12:06	0.004	0.004	-
12:07	0.020	0.022	12:07	0.004	0.004	-
12:08	0.024	0.022	12:08	0.004	0.004	-
12:09	0.023	0.022	12:09	0.003	0.004	-
12:10	0.023	0.022	12:10	0.003	0.004	-
12:11	0.023	0.022	12:11	0.004	0.004	-
12:12	0.021	0.022	12:12	0.004	0.004	-
12:13	0.021	0.022	12:13	0.004	0.004	-
12:14	0.020	0.021	12:14	0.004	0.004	-
12:15	0.021	0.021	12:15	0.003	0.004	-
12:16	0.021	0.021	12:16	0.002	0.004	-
12:17	0.020	0.021	12:17	0.002	0.004	-
12:18	0.020	0.021	12:18	0.002	0.003	-
12:19	0.020	0.021	12:19	0.002	0.003	-
12:20	0.021	0.021	12:20	0.002	0.003	-
12:21	0.021	0.021	12:21	0.001	0.003	-
12:22	0.021	0.021	12:22	0.002	0.003	-
12:23	0.021	0.021	12:23	0.002	0.003	-
12:24	0.022	0.021	12:24	0.002	0.003	-
12:25	0.021	0.021	12:25	0.002	0.003	-
12:26	0.022	0.021	12:26	0.003	0.002	-
12:27	0.022	0.021	12:27	0.003	0.002	-
12:28	0.022	0.021	12:28	0.004	0.002	-
12:29	0.021	0.021	12:29	0.006	0.003	-
12:30	0.021	0.021	12:30	0.005	0.003	-
12:31	0.021	0.021	12:31	0.004	0.003	-
12:32	0.022	0.021	12:32	0.004	0.003	-
12:33	0.022	0.021	12:33	0.004	0.003	-
12:34	0.022	0.021	12:34	0.004	0.003	-
12:35	0.022	0.022	12:35	0.004	0.003	-
12:36	0.022	0.022	12:36	0.005	0.004	-
12:37	0.021	0.022	12:37	0.011	0.004	-
12:38	0.021	0.022	12:38	0.005	0.004	-
12:39	0.021	0.022	12:39	0.006	0.005	-
12:40	0.021	0.022	12:40	0.003	0.005	-
12:41	0.021	0.021	12:41	0.008	0.005	-
12:42	0.021	0.021	12:42	0.004	0.005	-
12:43	0.021	0.021	12:43	0.007	0.005	-
12:44	0.021	0.021	12:44	0.007	0.005	-
12:45	0.021	0.021	12:45	0.014	0.006	-
12:46	0.021	0.021	12:46	0.008	0.006	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
12:47	0.021	0.021	12:47	0.005	0.006	-
12:48	0.021	0.021	12:48	0.005	0.006	-
12:49	0.022	0.021	12:49	0.005	0.006	-
12:50	0.022	0.021	12:50	0.011	0.007	-
12:51	0.022	0.021	12:51	0.011	0.007	-
12:52	0.024	0.021	12:52	0.007	0.007	-
12:53	0.025	0.022	12:53	0.008	0.007	-
12:54	0.023	0.022	12:54	0.007	0.007	-
12:55	0.024	0.022	12:55	0.006	0.008	-
12:56	0.023	0.022	12:56	0.007	0.007	-
12:57	0.022	0.022	12:57	0.006	0.008	-
12:58	0.021	0.022	12:58	0.005	0.007	-
12:59	0.021	0.022	12:59	0.005	0.007	-
13:00	0.022	0.022	13:00	0.008	0.007	-
13:01	0.022	0.022	13:01	0.006	0.007	-
13:02	0.022	0.022	13:02	0.005	0.007	-
13:03	0.022	0.022	13:03	0.006	0.007	-
13:04	0.022	0.022	13:04	0.008	0.007	-
13:05	0.022	0.022	13:05	0.007	0.007	-
13:06	0.022	0.022	13:06	0.006	0.006	-
13:07	0.022	0.022	13:07	0.006	0.006	-
13:08	0.022	0.022	13:08	0.006	0.006	-
13:09	0.022	0.022	13:09	0.006	0.006	-
13:10	0.021	0.022	13:10	0.006	0.006	-
13:11	0.021	0.022	13:11	0.006	0.006	-
13:12	0.022	0.022	13:12	0.006	0.006	-
13:13	0.021	0.022	13:13	0.010	0.006	-
13:14	0.022	0.022	13:14	0.008	0.007	-
13:15	0.023	0.022	13:15	0.007	0.007	-
13:16	0.022	0.022	13:16	0.006	0.007	-
13:17	0.022	0.022	13:17	0.007	0.007	-
13:18	0.022	0.022	13:18	0.008	0.007	-
13:19	0.022	0.022	13:19	0.011	0.007	-
13:20	0.021	0.022	13:20	0.008	0.007	-
13:21	0.021	0.022	13:21	0.009	0.007	-
13:22	0.021	0.022	13:22	0.007	0.007	-
13:23	0.021	0.022	13:23	0.008	0.008	-
13:24	0.021	0.022	13:24	0.013	0.008	-
13:25	0.021	0.022	13:25	0.011	0.008	-
13:26	0.021	0.022	13:26	0.010	0.009	-
13:27	0.021	0.021	13:27	0.008	0.009	-
13:28	0.021	0.021	13:28	0.011	0.009	-
13:29	0.021	0.021	13:29	0.007	0.009	-
13:30	0.021	0.021	13:30	0.006	0.009	-
13:31	0.021	0.021	13:31	0.007	0.009	-
13:32	0.021	0.021	13:32	0.007	0.009	-
13:33	0.021	0.021	13:33	0.009	0.009	-
13:34	0.022	0.021	13:34	0.014	0.009	-
13:35	0.022	0.021	13:35	0.017	0.010	-
13:36	0.022	0.021	13:36	0.012	0.010	-
13:37	0.021	0.021	13:37	0.008	0.010	-
13:38	0.022	0.021	13:38	0.009	0.010	-
13:39	0.022	0.021	13:39	0.012	0.010	-
13:40	0.022	0.021	13:40	0.012	0.010	-
13:41	0.023	0.022	13:41	0.008	0.010	-
13:42	0.023	0.022	13:42	0.013	0.010	-
13:43	0.022	0.022	13:43	0.018	0.011	-
13:44	0.022	0.022	13:44	0.014	0.011	-
13:45	0.022	0.022	13:45	0.011	0.011	-
13:46	0.022	0.022	13:46	0.020	0.012	-
13:47	0.022	0.022	13:47	0.015	0.013	-
13:48	0.022	0.022	13:48	0.012	0.013	-
13:49	0.022	0.022	13:49	0.014	0.013	-
13:50	0.022	0.022	13:50	0.010	0.013	-
13:51	0.022	0.022	13:51	0.008	0.012	-
13:52	0.022	0.022	13:52	0.009	0.012	-
13:53	0.022	0.022	13:53	0.009	0.012	-
13:54	0.022	0.022	13:54	0.010	0.012	-
13:55	0.023	0.022	13:55	0.010	0.012	-
13:56	0.023	0.022	13:56	0.015	0.013	-
13:57	0.024	0.022	13:57	0.011	0.012	-
13:58	0.023	0.022	13:58	0.010	0.012	-
13:59	0.024	0.022	13:59	0.009	0.012	-
14:00	0.025	0.023	14:00	0.009	0.011	-
14:01	0.025	0.023	14:01	0.010	0.011	-
14:02	0.025	0.023	14:02	0.009	0.010	-
14:03	0.025	0.023	14:03	0.010	0.010	-
14:04	0.026	0.024	14:04	0.011	0.010	-
14:05	0.025	0.024	14:05	0.011	0.010	-
14:06	0.025	0.024	14:06	0.011	0.010	-
14:07	0.024	0.024	14:07	0.010	0.010	-
14:08	0.025	0.024	14:08	0.010	0.010	-
14:09	0.028	0.025	14:09	0.010	0.010	-
14:10	0.032	0.025	14:10	0.010	0.010	-
14:11	0.031	0.026	14:11	0.010	0.010	-
14:12	0.031	0.026	14:12	0.012	0.010	-
14:13	0.027	0.027	14:13	0.012	0.010	-
14:14	0.027	0.027	14:14	0.011	0.010	-
14:15	0.028	0.027	14:15	0.011	0.011	-
14:16	0.026	0.027	14:16	0.011	0.011	-
14:17	0.027	0.027	14:17	0.011	0.011	-
14:18	0.026	0.027	14:18	0.011	0.011	-
14:19	0.026	0.027	14:19	0.011	0.011	-
14:20	0.025	0.027	14:20	0.011	0.011	-
14:21	0.024	0.027	14:21	0.011	0.011	-
14:22	0.025	0.027	14:22	0.011	0.011	-
14:23	0.024	0.027	14:23	0.012	0.011	-
14:24	0.027	0.027	14:24	0.011	0.011	-
14:25	0.029	0.027	14:25	0.013	0.011	-
14:26	0.025	0.026	14:26	0.012	0.011	-
14:27	0.026	0.026	14:27	0.012	0.011	-
14:28	0.027	0.026	14:28	0.014	0.012	-
14:29	0.027	0.026	14:29	0.013	0.012	-
14:30	0.028	0.026	14:30	0.012	0.012	-
14:31	0.024	0.026	14:31	0.012	0.012	-
14:32	0.024	0.026	14:32	0.012	0.012	-
14:33	0.026	0.026	14:33	0.013	0.012	-
14:34	0.026	0.026	14:34	0.012	0.012	-
14:35	0.024	0.026	14:35	0.011	0.012	-
14:36	0.024	0.026	14:36	0.013	0.012	-
14:37	0.024	0.026	14:37	0.012	0.012	-
14:38	0.024	0.026	14:38	0.011	0.012	-
14:39	0.023	0.025	14:39	0.011	0.012	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
14:40	0.023	0.025	14:40	0.013	0.012	-
14:41	0.025	0.025	14:41	0.014	0.012	-
14:42			14:42	0.014	0.012	
14:43			14:43	0.013	0.012	
14:44			14:44	0.012	0.012	
14:45			14:45	0.012	0.012	
14:46			14:46	0.013	0.012	
14:47			14:47	0.012	0.012	
14:48			14:48	0.012	0.012	
14:49			14:49	0.011	0.012	

Wednesday, June 12, 2024						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						473
Start Time:						6:29
End Time:						14:50
PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
6:29			6:29	0.0		
6:30			6:30	0.0		
6:31			6:31	0.0		
6:32			6:32	0.0		
6:33			6:33	0.0		
6:34	0.0		6:34	0.0		
6:35	0.0		6:35	0.0		
6:36	0.0		6:36	0.0		
6:37	0.0		6:37	0.0		
6:38	0.0		6:38	0.0		
6:39	0.0		6:39	0.0		
6:40	0.0		6:40	0.0		
6:41	0.0		6:41	0.0		
6:42	0.0		6:42	0.0		
6:43	0.0		6:43	0.0		
6:44	0.0		6:44	0.0	0.0	
6:45	0.0		6:45	0.0	0.0	
6:46	0.0		6:46	0.0	0.0	
6:47	0.0		6:47	0.0	0.0	
6:48	0.0		6:48	0.0	0.0	
6:49	0.0	0.0	6:49	0.0	0.0	-
6:50	0.0	0.0	6:50	0.0	0.0	-
6:51	0.0	0.0	6:51	0.0	0.0	-
6:52	0.0	0.0	6:52	0.0	0.0	-
6:53	0.0	0.0	6:53	0.0	0.0	-
6:54	0.0	0.0	6:54	0.0	0.0	-
6:55	0.0	0.0	6:55	0.0	0.0	-
6:56	0.0	0.0	6:56	0.0	0.0	-
6:57	0.0	0.0	6:57	0.0	0.0	-
6:58	0.0	0.0	6:58	0.0	0.0	-
6:59	0.0	0.0	6:59	0.0	0.0	-
7:00	0.0	0.0	7:00	0.0	0.0	-
7:01	0.0	0.0	7:01	0.0	0.0	-
7:02	0.0	0.0	7:02	0.0	0.0	-
7:03	0.0	0.0	7:03	0.0	0.0	-
7:04	0.0	0.0	7:04	0.0	0.0	-
7:05	0.0	0.0	7:05	0.0	0.0	-
7:06	0.0	0.0	7:06	0.0	0.0	-
7:07	0.0	0.0	7:07	0.0	0.0	-
7:08	0.0	0.0	7:08	0.0	0.0	-
7:09	0.0	0.0	7:09	0.0	0.0	-
7:10	0.0	0.0	7:10	0.0	0.0	-
7:11	0.0	0.0	7:11	0.0	0.0	-
7:12	0.0	0.0	7:12	0.0	0.0	-
7:13	0.0	0.0	7:13	0.0	0.0	-
7:14	0.0	0.0	7:14	0.0	0.0	-
7:15	0.0	0.0	7:15	0.0	0.0	-
7:16	0.0	0.0	7:16	0.0	0.0	-
7:17	0.0	0.0	7:17	0.0	0.0	-
7:18	0.0	0.0	7:18	0.0	0.0	-
7:19	0.0	0.0	7:19	0.0	0.0	-
7:20	0.0	0.0	7:20	0.0	0.0	-
7:21	0.0	0.0	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	0.0	-
7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	0.1	0.0	7:24	0.0	0.0	-
7:25	0.1	0.0	7:25	0.0	0.0	-
7:26	0.1	0.0	7:26	0.0	0.0	-
7:27	0.1	0.0	7:27	0.0	0.0	-
7:28	0.1	0.0	7:28	0.0	0.0	-
7:29	0.1	0.0	7:29	0.0	0.0	-
7:30	0.1	0.0	7:30	0.0	0.0	-
7:31	0.1	0.1	7:31	0.0	0.0	-
7:32	0.1	0.1	7:32	0.0	0.0	-
7:33	0.1	0.1	7:33	0.0	0.0	-
7:34	0.1	0.1	7:34	0.0	0.0	-
7:35	0.1	0.1	7:35	0.0	0.0	-
7:36	0.1	0.1	7:36	0.0	0.0	-
7:37	0.1	0.1	7:37	0.0	0.0	-
7:38	0.1	0.1	7:38	0.0	0.0	-
7:39	0.1	0.1	7:39	0.0	0.0	-
7:40	0.1	0.1	7:40	0.0	0.0	-
7:41	0.1	0.1	7:41	0.0	0.0	-
7:42	0.1	0.1	7:42	0.0	0.0	-
7:43	0.1	0.1	7:43	0.0	0.0	-
7:44	0.1	0.1	7:44	0.0	0.0	-
7:45	0.1	0.1	7:45	0.0	0.0	-
7:46	0.1	0.1	7:46	0.0	0.0	-
7:47	0.1	0.1	7:47	0.0	0.0	-
7:48	0.1	0.1	7:48	0.0	0.0	-
7:49	0.1	0.1	7:49	0.0	0.0	-
7:50	0.1	0.1	7:50	0.0	0.0	-
7:51	0.1	0.1	7:51	0.0	0.0	-
7:52	0.1	0.1	7:52	0.0	0.0	-
7:53	0.1	0.1	7:53	0.0	0.0	-
7:54	0.1	0.1	7:54	0.0	0.0	-
7:55	0.1	0.1	7:55	0.0	0.0	-
7:56	0.1	0.1	7:56	0.0	0.0	-
7:57	0.1	0.1	7:57	0.0	0.0	-
7:58	0.1	0.1	7:58	0.0	0.0	-
7:59	0.1	0.1	7:59	0.0	0.0	-
8:00	0.1	0.1	8:00	0.0	0.0	-
8:01	0.1	0.1	8:01	0.0	0.0	-
8:02	0.1	0.1	8:02	0.0	0.0	-
8:03	0.1	0.1	8:03	0.0	0.0	-
8:04	0.1	0.1	8:04	0.0	0.0	-
8:05	0.1	0.1	8:05	0.0	0.0	-
8:06	0.1	0.1	8:06	0.0	0.0	-
8:07	0.1	0.1	8:07	0.0	0.0	-
8:08	0.1	0.1	8:08	0.0	0.0	-
8:09	0.1	0.1	8:09	0.0	0.0	-
8:10	0.1	0.1	8:10	0.0	0.0	-
8:11	0.1	0.1	8:11	0.0	0.0	-
8:12	0.1	0.1	8:12	0.0	0.0	-
8:13	0.1	0.1	8:13	0.0	0.0	-
8:14	0.1	0.1	8:14	0.0	0.0	-
8:15	0.1	0.1	8:15	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
8:16	0.1	0.1	8:16	0.0	0.0	-
8:17	0.1	0.1	8:17	0.0	0.0	-
8:18	0.2	0.1	8:18	0.0	0.0	-
8:19	0.2	0.1	8:19	0.0	0.0	-
8:20	0.2	0.1	8:20	0.0	0.0	-
8:21	0.2	0.1	8:21	0.0	0.0	-
8:22	0.2	0.1	8:22	0.0	0.0	-
8:23	0.2	0.1	8:23	0.0	0.0	-
8:24	0.2	0.1	8:24	0.0	0.0	-
8:25	0.2	0.2	8:25	0.0	0.0	-
8:26	0.2	0.2	8:26	0.0	0.0	-
8:27	0.2	0.2	8:27	0.0	0.0	-
8:28	0.2	0.2	8:28	0.0	0.0	-
8:29	0.2	0.2	8:29	0.0	0.0	-
8:30	0.2	0.2	8:30	0.0	0.0	-
8:31	0.2	0.2	8:31	0.0	0.0	-
8:32	0.2	0.2	8:32	0.0	0.0	-
8:33	0.2	0.2	8:33	0.0	0.0	-
8:34	0.2	0.2	8:34	0.0	0.0	-
8:35	0.2	0.2	8:35	0.0	0.0	-
8:36	0.2	0.2	8:36	0.0	0.0	-
8:37	0.2	0.2	8:37	0.0	0.0	-
8:38	0.2	0.2	8:38	0.0	0.0	-
8:39	0.2	0.2	8:39	0.0	0.0	-
8:40	0.2	0.2	8:40	0.0	0.0	-
8:41	0.2	0.2	8:41	0.0	0.0	-
8:42	0.2	0.2	8:42	0.0	0.0	-
8:43	0.2	0.2	8:43	0.0	0.0	-
8:44	0.2	0.2	8:44	0.0	0.0	-
8:45	0.2	0.2	8:45	0.0	0.0	-
8:46	0.2	0.2	8:46	0.0	0.0	-
8:47	0.2	0.2	8:47	0.0	0.0	-
8:48	0.2	0.2	8:48	0.0	0.0	-
8:49	0.2	0.2	8:49	0.0	0.0	-
8:50	0.2	0.2	8:50	0.0	0.0	-
8:51	0.2	0.2	8:51	0.0	0.0	-
8:52	0.2	0.2	8:52	0.0	0.0	-
8:53	0.2	0.2	8:53	0.0	0.0	-
8:54	0.2	0.2	8:54	0.0	0.0	-
8:55	0.2	0.2	8:55	0.0	0.0	-
8:56	0.2	0.2	8:56	0.0	0.0	-
8:57	0.2	0.2	8:57	0.0	0.0	-
8:58	0.2	0.2	8:58	0.0	0.0	-
8:59	0.2	0.2	8:59	0.0	0.0	-
9:00	0.2	0.2	9:00	0.0	0.0	-
9:01	0.2	0.2	9:01	0.0	0.0	-
9:02	0.2	0.2	9:02	0.0	0.0	-
9:03	0.2	0.2	9:03	0.0	0.0	-
9:04	0.2	0.2	9:04	0.0	0.0	-
9:05	0.2	0.2	9:05	0.0	0.0	-
9:06	0.2	0.2	9:06	0.0	0.0	-
9:07	0.2	0.2	9:07	0.0	0.0	-
9:08	0.2	0.2	9:08	0.0	0.0	-
9:09	0.2	0.2	9:09	0.0	0.0	-
9:10	0.2	0.2	9:10	0.0	0.0	-
9:11	0.2	0.2	9:11	0.0	0.0	-
9:12	0.2	0.2	9:12	0.0	0.0	-
9:13	0.2	0.2	9:13	0.0	0.0	-
9:14	0.2	0.2	9:14	0.0	0.0	-
9:15	0.2	0.2	9:15	0.0	0.0	-
9:16	0.2	0.2	9:16	0.0	0.0	-
9:17	0.2	0.2	9:17	0.0	0.0	-
9:18	0.2	0.2	9:18	0.0	0.0	-
9:19	0.2	0.2	9:19	0.0	0.0	-
9:20	0.2	0.2	9:20	0.0	0.0	-
9:21	0.2	0.2	9:21	0.0	0.0	-
9:22	0.2	0.2	9:22	0.0	0.0	-
9:23	0.2	0.2	9:23	0.0	0.0	-
9:24	0.2	0.2	9:24	0.0	0.0	-
9:25	0.2	0.2	9:25	0.0	0.0	-
9:26	0.2	0.2	9:26	0.0	0.0	-
9:27	0.2	0.2	9:27	0.0	0.0	-
9:28	0.2	0.2	9:28	0.0	0.0	-
9:29	0.2	0.2	9:29	0.0	0.0	-
9:30	0.2	0.2	9:30	0.0	0.0	-
9:31	0.2	0.2	9:31	0.0	0.0	-
9:32	0.2	0.2	9:32	0.0	0.0	-
9:33	0.2	0.2	9:33	0.0	0.0	-
9:34	0.2	0.2	9:34	0.0	0.0	-
9:35	0.2	0.2	9:35	0.0	0.0	-
9:36	0.2	0.2	9:36	0.0	0.0	-
9:37	0.2	0.2	9:37	0.0	0.0	-
9:38	0.2	0.2	9:38	0.0	0.0	-
9:39	0.2	0.2	9:39	0.0	0.0	-
9:40	0.2	0.2	9:40	0.0	0.0	-
9:41	0.2	0.2	9:41	0.0	0.0	-
9:42	0.2	0.2	9:42	0.0	0.0	-
9:43	0.2	0.2	9:43	0.0	0.0	-
9:44	0.2	0.2	9:44	0.0	0.0	-
9:45	0.2	0.2	9:45	0.0	0.0	-
9:46	0.2	0.2	9:46	0.0	0.0	-
9:47	0.2	0.2	9:47	0.0	0.0	-
9:48	0.2	0.2	9:48	0.0	0.0	-
9:49	0.2	0.2	9:49	0.0	0.0	-
9:50	0.2	0.2	9:50	0.0	0.0	-
9:51	0.2	0.2	9:51	0.0	0.0	-
9:52	0.2	0.2	9:52	0.0	0.0	-
9:53	0.2	0.2	9:53	0.0	0.0	-
9:54	0.2	0.2	9:54	0.0	0.0	-
9:55	0.2	0.2	9:55	0.0	0.0	-
9:56	0.2	0.2	9:56	0.0	0.0	-
9:57	0.2	0.2	9:57	0.0	0.0	-
9:58	0.2	0.2	9:58	0.0	0.0	-
9:59	0.2	0.2	9:59	0.0	0.0	-
10:00	0.2	0.2	10:00	0.0	0.0	-
10:01	0.2	0.2	10:01	0.0	0.0	-
10:02	0.2	0.2	10:02	0.0	0.0	-
10:03	0.2	0.2	10:03	0.0	0.0	-
10:04	0.2	0.2	10:04	0.0	0.0	-
10:05	0.2	0.2	10:05	0.0	0.0	-
10:06	0.2	0.2	10:06	0.0	0.0	-
10:07	0.2	0.2	10:07	0.0	0.0	-
10:08	0.2	0.2	10:08	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
10:09	0.2	0.2	10:09	0.0	0.0	-
10:10	0.2	0.2	10:10	0.0	0.0	-
10:11	0.2	0.2	10:11	0.0	0.0	-
10:12	0.2	0.2	10:12	0.0	0.0	-
10:13	0.2	0.2	10:13	0.0	0.0	-
10:14	0.2	0.2	10:14	0.0	0.0	-
10:15	0.2	0.2	10:15	0.0	0.0	-
10:16	0.2	0.2	10:16	0.0	0.0	-
10:17	0.2	0.2	10:17	0.0	0.0	-
10:18	0.2	0.2	10:18	0.0	0.0	-
10:19	0.2	0.2	10:19	0.0	0.0	-
10:20	0.2	0.2	10:20	0.0	0.0	-
10:21	0.2	0.2	10:21	0.0	0.0	-
10:22	0.2	0.2	10:22	0.0	0.0	-
10:23	0.2	0.2	10:23	0.0	0.0	-
10:24	0.1	0.2	10:24	0.0	0.0	-
10:25	0.1	0.2	10:25	0.0	0.0	-
10:26	0.1	0.2	10:26	0.0	0.0	-
10:27	0.1	0.2	10:27	0.0	0.0	-
10:28	0.1	0.2	10:28	0.0	0.0	-
10:29	0.1	0.2	10:29	0.0	0.0	-
10:30	0.1	0.2	10:30	0.0	0.0	-
10:31	0.1	0.1	10:31	0.0	0.0	-
10:32	0.1	0.1	10:32	0.0	0.0	-
10:33	0.1	0.1	10:33	0.0	0.0	-
10:34	0.1	0.1	10:34	0.0	0.0	-
10:35	0.1	0.1	10:35	0.0	0.0	-
10:36	0.1	0.1	10:36	0.0	0.0	-
10:37	0.1	0.1	10:37	0.0	0.0	-
10:38	0.1	0.1	10:38	0.0	0.0	-
10:39	0.1	0.1	10:39	0.0	0.0	-
10:40	0.1	0.1	10:40	0.0	0.0	-
10:41	0.1	0.1	10:41	0.0	0.0	-
10:42	0.1	0.1	10:42	0.0	0.0	-
10:43	0.1	0.1	10:43	0.0	0.0	-
10:44	0.1	0.1	10:44	0.0	0.0	-
10:45	0.1	0.1	10:45	0.0	0.0	-
10:46	0.1	0.1	10:46	0.0	0.0	-
10:47	0.1	0.1	10:47	0.0	0.0	-
10:48	0.1	0.1	10:48	0.0	0.0	-
10:49	0.1	0.1	10:49	0.0	0.0	-
10:50	0.1	0.1	10:50	0.0	0.0	-
10:51	0.1	0.1	10:51	0.1	0.0	-
10:52	0.1	0.1	10:52	0.0	0.0	-
10:53	0.1	0.1	10:53	0.0	0.0	-
10:54	0.1	0.1	10:54	0.0	0.0	-
10:55	0.1	0.1	10:55	0.0	0.0	-
10:56	0.1	0.1	10:56	0.0	0.0	-
10:57	0.1	0.1	10:57	0.0	0.0	-
10:58	0.1	0.1	10:58	0.0	0.0	-
10:59	0.1	0.1	10:59	0.0	0.0	-
11:00	0.1	0.1	11:00	0.0	0.0	-
11:01	0.1	0.1	11:01	0.0	0.0	-
11:02	0.1	0.1	11:02	0.0	0.0	-
11:03	0.1	0.1	11:03	0.0	0.0	-
11:04	0.1	0.1	11:04	0.0	0.0	-
11:05	0.1	0.1	11:05	0.0	0.0	-
11:06	0.1	0.1	11:06	0.0	0.0	-
11:07	0.1	0.1	11:07	0.0	0.0	-
11:08	0.1	0.1	11:08	0.0	0.0	-
11:09	0.1	0.1	11:09	0.0	0.0	-
11:10	0.1	0.1	11:10	0.0	0.0	-
11:11	0.1	0.1	11:11	0.0	0.0	-
11:12	0.1	0.1	11:12	0.0	0.0	-
11:13	0.1	0.1	11:13	0.0	0.0	-
11:14	0.1	0.1	11:14	0.0	0.0	-
11:15	0.0	0.1	11:15	0.0	0.0	-
11:16	0.0	0.1	11:16	0.0	0.0	-
11:17	0.0	0.1	11:17	0.0	0.0	-
11:18	0.0	0.1	11:18	0.0	0.0	-
11:19	0.0	0.1	11:19	0.0	0.0	-
11:20	0.0	0.1	11:20	0.0	0.0	-
11:21	0.0	0.1	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.1	0.0	12:15	0.0	0.0	-
12:16	0.1	0.0	12:16	0.0	0.0	-
12:17	0.1	0.0	12:17	0.0	0.0	-
12:18	0.1	0.0	12:18	0.0	0.0	-
12:19	0.1	0.0	12:19	0.0	0.0	-
12:20	0.1	0.0	12:20	0.0	0.0	-
12:21	0.1	0.0	12:21	0.0	0.0	-
12:22	0.1	0.1	12:22	0.0	0.0	-
12:23	0.1	0.1	12:23	0.0	0.0	-
12:24	0.1	0.1	12:24	0.0	0.0	-
12:25	0.1	0.1	12:25	0.0	0.0	-
12:26	0.1	0.1	12:26	0.0	0.0	-
12:27	0.1	0.1	12:27	0.0	0.0	-
12:28	0.1	0.1	12:28	0.0	0.0	-
12:29	0.1	0.1	12:29	0.0	0.0	-
12:30	0.0	0.1	12:30	0.0	0.0	-
12:31	0.0	0.1	12:31	0.0	0.0	-
12:32	0.0	0.1	12:32	0.0	0.0	-
12:33	0.0	0.1	12:33	0.0	0.0	-
12:34	0.0	0.1	12:34	0.0	0.0	-
12:35	0.0	0.1	12:35	0.0	0.0	-
12:36	0.0	0.1	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.1	0.0	12:42	0.0	0.0	-
12:43	0.1	0.0	12:43	0.0	0.0	-
12:44	0.1	0.0	12:44	0.0	0.0	-
12:45	0.1	0.0	12:45	0.0	0.0	-
12:46	0.1	0.0	12:46	0.0	0.0	-
12:47	0.1	0.0	12:47	0.0	0.0	-
12:48	0.1	0.0	12:48	0.0	0.0	-
12:49	0.1	0.1	12:49	0.0	0.0	-
12:50	0.1	0.1	12:50	0.0	0.0	-
12:51	0.1	0.1	12:51	0.0	0.0	-
12:52	0.1	0.1	12:52	0.0	0.0	-
12:53	0.0	0.1	12:53	0.0	0.0	-
12:54	0.0	0.1	12:54	0.0	0.0	-
12:55	0.0	0.1	12:55	0.0	0.0	-
12:56	0.0	0.1	12:56	0.0	0.0	-
12:57	0.0	0.1	12:57	0.0	0.0	-
12:58	0.0	0.1	12:58	0.0	0.0	-
12:59	0.0	0.1	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.1	0.0	13:29	0.0	0.0	-
13:30	0.1	0.0	13:30	0.0	0.0	-
13:31	0.1	0.0	13:31	0.0	0.0	-
13:32	0.1	0.0	13:32	0.0	0.0	-
13:33	0.1	0.0	13:33	0.0	0.0	-
13:34	0.1	0.0	13:34	0.0	0.0	-
13:35	0.1	0.0	13:35	0.0	0.0	-
13:36	0.1	0.1	13:36	0.0	0.0	-
13:37	0.1	0.1	13:37	0.0	0.0	-
13:38	0.1	0.1	13:38	0.0	0.0	-
13:39	0.1	0.1	13:39	0.0	0.0	-
13:40	0.1	0.1	13:40	0.0	0.0	-
13:41	0.1	0.1	13:41	0.0	0.0	-
13:42	0.1	0.1	13:42	0.0	0.0	-
13:43	0.1	0.1	13:43	0.0	0.0	-
13:44	0.1	0.1	13:44	0.0	0.0	-
13:45	0.1	0.1	13:45	0.0	0.0	-
13:46	0.1	0.1	13:46	0.0	0.0	-
13:47	0.1	0.1	13:47	0.0	0.0	-
13:48	0.1	0.1	13:48	0.0	0.0	-
13:49	0.1	0.1	13:49	0.0	0.0	-
13:50	0.1	0.1	13:50	0.0	0.0	-
13:51	0.1	0.1	13:51	0.0	0.0	-
13:52	0.1	0.1	13:52	0.0	0.0	-
13:53	0.1	0.1	13:53	0.0	0.0	-
13:54	0.1	0.1	13:54	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
13:55	0.1	0.1	13:55	0.0	0.0	-
13:56	0.1	0.1	13:56	0.0	0.0	-
13:57	0.1	0.1	13:57	0.0	0.0	-
13:58	0.1	0.1	13:58	0.0	0.0	-
13:59	0.1	0.1	13:59	0.0	0.0	-
14:00	0.1	0.1	14:00	0.0	0.0	-
14:01	0.1	0.1	14:01	0.0	0.0	-
14:02	0.1	0.1	14:02	0.0	0.0	-
14:03	0.1	0.1	14:03	0.0	0.0	-
14:04	0.1	0.1	14:04	0.0	0.0	-
14:05	0.1	0.1	14:05	0.0	0.0	-
14:06	0.1	0.1	14:06	0.0	0.0	-
14:07	0.1	0.1	14:07	0.0	0.0	-
14:08	0.1	0.1	14:08	0.0	0.0	-
14:09	0.1	0.1	14:09	0.0	0.0	-
14:10	0.1	0.1	14:10	0.0	0.0	-
14:11	0.1	0.1	14:11	0.0	0.0	-
14:12	0.1	0.1	14:12	0.0	0.0	-
14:13	0.0	0.1	14:13	0.0	0.0	-
14:14	0.0	0.1	14:14	0.0	0.0	-
14:15	0.0	0.1	14:15	0.0	0.0	-
14:16	0.0	0.1	14:16	0.0	0.0	-
14:17	0.0	0.1	14:17	0.0	0.0	-
14:18	0.0	0.1	14:18	0.0	0.0	-
14:19	0.0	0.1	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	-
14:42			14:42	0.0	0.0	
14:43			14:43	0.0	0.0	
14:44			14:44	0.0	0.0	
14:45			14:45	0.0	0.0	
14:46			14:46	0.0	0.0	
14:47			14:47	0.0	0.0	
14:48			14:48	0.0	0.0	
14:49			14:49	0.0	0.0	
14:50			14:50	0.0	0.0	

DAILY FIELD REPORT – Day 009

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Friday, June 21, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 75 to 96°F Wind: SW @ 6 - 18 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:30 – 18:30 (12 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
DustTrak
Oil-Absorbent Socks

PRESENT AT SITE:
Langan: Lisa Cristiano, Mat Frankel
Coastal Environmental Solutions, Inc. (Coastal): Nick Turro

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan removed absorbent socks that were previously installed in monitoring wells MW-002, MW-012 and MW-014 as part of the NAPL investigation. Langan weighed the removed socks using a scale to document the passive recovery of light non-aqueous phase liquid (LNAPL) from the wells. The following data was recorded:

Monitoring Well ID	Weight of Unused Sock (6/14/2024 - Pre LNAPL Recovery) (kg)	Weight of Sock (6/21/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-002	0.085	0.505	0.420
MW-008	0.080	0.140	0.060
MW-012	0.080	0.505	0.425

kg - kilogram

- An approximately 31-inch-thick layer of LNAPL was measured in MW-002.
- An approximately 17-inch-thick layer of LNAPL was measured in MW-008.
- An approximately 3-inch-thick layer of LNAPL was measured in MW-012.
- Langan replaced the absorbent socks in monitoring wells MW-002, MW-008, and MW-012, with clean, unused socks.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) was containerized in a 55-gallon drum. The drum was labeled and staged in the eastern part of the site pending off-site disposal.

Total Drum Count		
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**
7	5	1

Anticipated Activities

- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-012 and MW-014 and will return to the site to document the LNAPL recovery.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

Photo 1: Absorbent sock removed from MW-012

Photo 2: Absorbent sock removed from MW-014

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

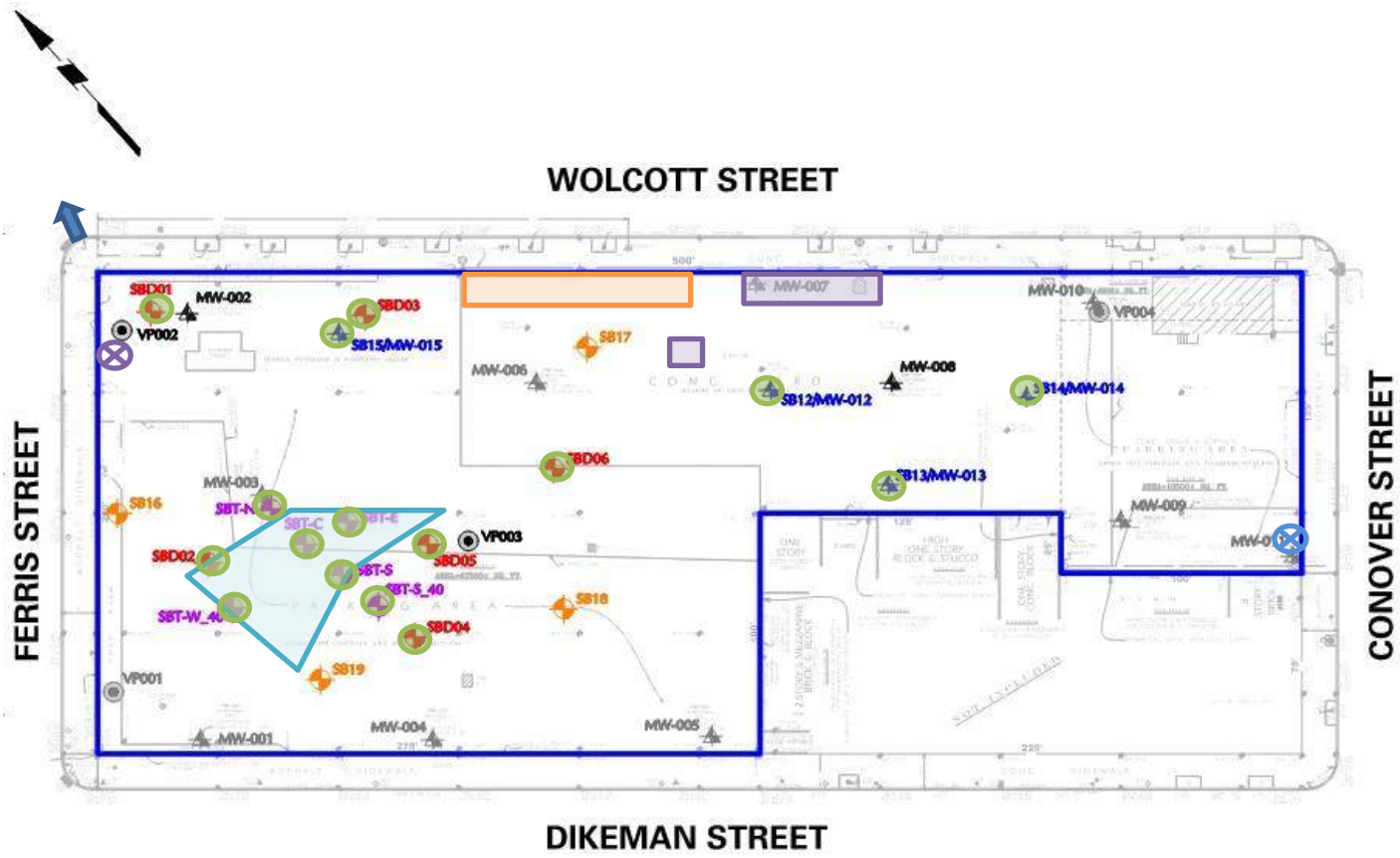
DAILY FIELD REPORT

Photo 3: Absorbent sock removed from MW-002

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Upwind CAMP Station
- Downwind CAMP Station
- Wind Direction
- Soil Boring and/or Monitoring Well Completed
- Proposed DNAPL Delineation Soil Boring and Monitoring Well Location
- Proposed Continency DNAPL Delineation Step-Out Soil Boring Location
- Proposed LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)
- Tar-like Material Investigation Area

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

Friday, June 21, 2024						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						620
Start Time:						6:36
End Time:						17:32
PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
6:36			6:36	0.031		
6:37			6:37	0.023		
6:38			6:38	0.023		
6:39			6:39	0.023		
6:40			6:40	0.023		
6:41			6:41	0.023		
6:42	0.031		6:42	0.023		
6:43	0.024		6:43	0.022		
6:44	0.024		6:44	0.023		
6:45	0.023		6:45	0.023		
6:46	0.022		6:46	0.024		
6:47	0.023		6:47	0.024		
6:48	0.022		6:48	0.023		
6:49	0.021		6:49	0.022		
6:50	0.021		6:50	0.022	0.023	
6:51	0.020		6:51	0.021	0.023	
6:52	0.020		6:52	0.021	0.023	
6:53	0.021		6:53	0.022	0.023	
6:54	0.021		6:54	0.022	0.023	
6:55	0.021		6:55	0.021	0.022	
6:56	0.023		6:56	0.021	0.022	
6:57	0.024	0.022	6:57	0.021	0.022	-
6:58	0.022	0.022	6:58	0.022	0.022	-
6:59	0.021	0.022	6:59	0.023	0.022	-
7:00	0.021	0.022	7:00	0.023	0.022	-
7:01	0.022	0.023	7:01	0.023	0.022	-
7:02	0.025	0.023	7:02	0.023	0.022	-
7:03	0.024	0.023	7:03	0.024	0.022	-
7:04	0.024	0.023	7:04	0.024	0.022	-
7:05	0.023	0.023	7:05	0.023	0.022	-
7:06	0.023	0.023	7:06	0.024	0.022	-
7:07	0.024	0.023	7:07	0.024	0.023	-
7:08	0.025	0.024	7:08	0.025	0.023	-
7:09	0.025	0.024	7:09	0.025	0.023	-
7:10	0.024	0.024	7:10	0.025	0.023	-
7:11	0.024	0.024	7:11	0.024	0.024	-
7:12	0.024	0.024	7:12	0.023	0.024	-
7:13	0.022	0.024	7:13	0.022	0.024	-
7:14	0.023	0.024	7:14	0.021	0.024	-
7:15	0.024	0.024	7:15	0.024	0.024	-
7:16	0.024	0.024	7:16	0.024	0.024	-
7:17	0.024	0.024	7:17	0.025	0.024	-
7:18	0.024	0.024	7:18	0.026	0.024	-
7:19	0.025	0.024	7:19	0.027	0.024	-
7:20	0.025	0.024	7:20	0.027	0.024	-
7:21	0.025	0.024	7:21	0.028	0.025	-
7:22	0.025	0.024	7:22	0.027	0.025	-
7:23	0.025	0.024	7:23	0.027	0.025	-
7:24	0.024	0.023	7:24	0.027	0.025	-
7:25	0.024	0.023	7:25	0.026	0.025	-
7:26	0.025	0.023	7:26	0.025	0.025	-
7:27	0.022	0.022	7:27	0.024	0.025	-
7:28	0.021	0.022	7:28	0.024	0.025	-
7:29	0.020	0.021	7:29	0.022	0.026	-
7:30	0.018	0.020	7:30	0.021	0.025	-
7:31	0.020	0.019	7:31	0.021	0.025	-
7:32	0.021	0.019	7:32	0.020	0.025	-
7:33	0.016	0.018	7:33	0.020	0.024	-
7:34	0.015	0.017	7:34	0.019	0.024	-
7:35	0.013	0.017	7:35	0.018	0.023	-
7:36	0.014	0.016	7:36	0.017	0.023	-
7:37	0.014	0.015	7:37	0.020	0.022	-
7:38	0.013	0.015	7:38	0.019	0.022	-
7:39	0.013	0.015	7:39	0.019	0.021	-
7:40	0.014	0.014	7:40	0.018	0.020	-
7:41	0.014	0.014	7:41	0.017	0.020	-
7:42	0.013	0.014	7:42	0.018	0.020	-
7:43	0.013	0.014	7:43	0.017	0.019	-
7:44	0.013	0.014	7:44	0.017	0.019	-
7:45	0.013	0.014	7:45	0.018	0.019	-
7:46	0.014	0.014	7:46	0.018	0.018	-
7:47	0.014	0.014	7:47	0.018	0.018	-
7:48	0.015	0.014	7:48	0.017	0.018	-
7:49	0.014	0.013	7:49	0.017	0.018	-
7:50	0.015	0.013	7:50	0.017	0.018	-
7:51	0.014	0.013	7:51	0.016	0.018	-
7:52	0.013	0.013	7:52	0.016	0.017	-
7:53	0.012	0.013	7:53	0.015	0.017	-
7:54	0.013	0.013	7:54	0.015	0.017	-
7:55	0.012	0.013	7:55	0.016	0.017	-
7:56	0.012	0.013	7:56	0.015	0.017	-
7:57	0.012	0.013	7:57	0.016	0.017	-
7:58	0.013	0.013	7:58	0.016	0.016	-
7:59	0.013	0.013	7:59	0.016	0.016	-
8:00	0.014	0.013	8:00	0.016	0.016	-
8:01	0.014	0.013	8:01	0.016	0.016	-
8:02	0.015	0.014	8:02	0.016	0.016	-
8:03	0.013	0.014	8:03	0.016	0.016	-
8:04	0.014	0.014	8:04	0.018	0.016	-
8:05	0.014	0.015	8:05	0.018	0.016	-
8:06	0.015	0.015	8:06	0.018	0.016	-
8:07	0.016	0.016	8:07	0.019	0.016	-
8:08	0.017	0.016	8:08	0.018	0.017	-
8:09	0.017	0.016	8:09	0.019	0.017	-
8:10	0.017	0.017	8:10	0.019	0.017	-
8:11	0.018	0.017	8:11	0.019	0.017	-
8:12	0.019	0.017	8:12	0.019	0.018	-
8:13	0.020	0.018	8:13	0.020	0.018	-
8:14	0.018	0.018	8:14	0.020	0.018	-
8:15	0.018	0.018	8:15	0.019	0.018	-
8:16	0.019	0.019	8:16	0.019	0.018	-
8:17	0.019	0.019	8:17	0.020	0.019	-
8:18	0.019	0.019	8:18	0.020	0.019	-
8:19	0.020	0.020	8:19	0.020	0.019	-
8:20	0.020	0.020	8:20	0.020	0.019	-
8:21	0.020	0.020	8:21	0.020	0.019	-
8:22	0.020	0.020	8:22	0.021	0.020	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
8:23	0.021	0.020	8:23	0.023	0.020	-
8:24	0.021	0.021	8:24	0.023	0.020	-
8:25	0.021	0.021	8:25	0.024	0.020	-
8:26	0.021	0.022	8:26	0.023	0.021	-
8:27	0.022	0.022	8:27	0.023	0.021	-
8:28	0.022	0.023	8:28	0.023	0.021	-
8:29	0.024	0.023	8:29	0.024	0.021	-
8:30	0.026	0.023	8:30	0.024	0.022	-
8:31	0.025	0.024	8:31	0.023	0.022	-
8:32	0.025	0.024	8:32	0.033	0.023	-
8:33	0.025	0.024	8:33	0.024	0.023	-
8:34	0.026	0.024	8:34	0.023	0.023	-
8:35	0.026	0.024	8:35	0.023	0.024	-
8:36	0.024	0.025	8:36	0.024	0.024	-
8:37	0.024	0.025	8:37	0.025	0.024	-
8:38	0.024	0.025	8:38	0.028	0.024	-
8:39	0.024	0.025	8:39	0.029	0.025	-
8:40	0.024	0.025	8:40	0.031	0.025	-
8:41	0.025	0.025	8:41	0.030	0.026	-
8:42	0.025	0.025	8:42	0.035	0.027	-
8:43	0.026	0.024	8:43	0.032	0.027	-
8:44	0.025	0.024	8:44	0.031	0.028	-
8:45	0.025	0.024	8:45	0.032	0.028	-
8:46	0.024	0.024	8:46	0.031	0.029	-
8:47	0.024	0.024	8:47	0.031	0.029	-
8:48	0.023	0.023	8:48	0.030	0.029	-
8:49	0.022	0.023	8:49	0.027	0.029	-
8:50	0.022	0.023	8:50	0.027	0.030	-
8:51	0.022	0.023	8:51	0.025	0.030	-
8:52	0.022	0.023	8:52	0.026	0.030	-
8:53	0.021	0.023	8:53	0.027	0.030	-
8:54	0.022	0.023	8:54	0.028	0.030	-
8:55	0.022	0.022	8:55	0.028	0.029	-
8:56	0.023	0.022	8:56	0.028	0.029	-
8:57	0.023	0.022	8:57	0.028	0.029	-
8:58	0.023	0.022	8:58	0.029	0.029	-
8:59	0.023	0.022	8:59	0.029	0.028	-
9:00	0.022	0.023	9:00	0.030	0.028	-
9:01	0.022	0.023	9:01	0.031	0.028	-
9:02	0.022	0.023	9:02	0.030	0.028	-
9:03	0.023	0.023	9:03	0.030	0.028	-
9:04	0.023	0.023	9:04	0.031	0.028	-
9:05	0.023	0.024	9:05	0.032	0.029	-
9:06	0.024	0.024	9:06	0.032	0.029	-
9:07	0.025	0.024	9:07	0.034	0.030	-
9:08	0.026	0.024	9:08	0.034	0.030	-
9:09	0.025	0.024	9:09	0.035	0.031	-
9:10	0.025	0.025	9:10	0.033	0.031	-
9:11	0.025	0.025	9:11	0.033	0.031	-
9:12	0.025	0.025	9:12	0.033	0.032	-
9:13	0.026	0.025	9:13	0.032	0.032	-
9:14	0.025	0.025	9:14	0.032	0.032	-
9:15	0.025	0.026	9:15	0.031	0.032	-
9:16	0.026	0.026	9:16	0.032	0.032	-
9:17	0.027	0.026	9:17	0.033	0.032	-
9:18	0.025	0.026	9:18	0.033	0.033	-
9:19	0.026	0.026	9:19	0.032	0.033	-
9:20	0.026	0.026	9:20	0.033	0.033	-
9:21	0.027	0.026	9:21	0.032	0.033	-
9:22	0.027	0.026	9:22	0.033	0.033	-
9:23	0.027	0.027	9:23	0.034	0.033	-
9:24	0.026	0.027	9:24	0.039	0.033	-
9:25	0.027	0.027	9:25	0.037	0.033	-
9:26	0.027	0.027	9:26	0.036	0.033	-
9:27	0.027	0.027	9:27	0.035	0.034	-
9:28	0.028	0.027	9:28	0.037	0.034	-
9:29	0.028	0.027	9:29	0.036	0.034	-
9:30	0.027	0.027	9:30	0.036	0.035	-
9:31	0.028	0.027	9:31	0.036	0.035	-
9:32	0.028	0.028	9:32	0.036	0.035	-
9:33	0.028	0.028	9:33	0.035	0.035	-
9:34	0.027	0.028	9:34	0.035	0.035	-
9:35	0.028	0.028	9:35	0.035	0.035	-
9:36	0.027	0.028	9:36	0.036	0.036	-
9:37	0.028	0.028	9:37	0.037	0.036	-
9:38	0.030	0.028	9:38	0.037	0.036	-
9:39	0.029	0.028	9:39	0.043	0.036	-
9:40	0.029	0.028	9:40	0.040	0.037	-
9:41	0.029	0.028	9:41	0.037	0.037	-
9:42	0.028	0.027	9:42	0.035	0.037	-
9:43	0.027	0.027	9:43	0.034	0.037	-
9:44	0.026	0.027	9:44	0.038	0.037	-
9:45	0.026	0.027	9:45	0.039	0.037	-
9:46	0.026	0.027	9:46	0.041	0.037	-
9:47	0.026	0.027	9:47	0.039	0.037	-
9:48	0.026	0.027	9:48	0.042	0.038	-
9:49	0.026	0.027	9:49	0.040	0.038	-
9:50	0.026	0.026	9:50	0.036	0.038	-
9:51	0.026	0.026	9:51	0.037	0.038	-
9:52	0.026	0.026	9:52	0.037	0.038	-
9:53	0.028	0.026	9:53	0.036	0.038	-
9:54	0.026	0.027	9:54	0.036	0.038	-
9:55	0.027	0.027	9:55	0.036	0.038	-
9:56	0.027	0.027	9:56	0.038	0.038	-
9:57	0.027	0.027	9:57	0.038	0.038	-
9:58	0.027	0.027	9:58	0.038	0.038	-
9:59	0.027	0.027	9:59	0.037	0.038	-
10:00	0.027	0.027	10:00	0.037	0.038	-
10:01	0.027	0.027	10:01	0.037	0.038	-
10:02	0.027	0.027	10:02	0.037	0.037	-
10:03	0.027	0.027	10:03	0.037	0.037	-
10:04	0.027	0.027	10:04	0.037	0.037	-
10:05	0.027	0.028	10:05	0.037	0.037	-
10:06	0.027	0.028	10:06	0.037	0.037	-
10:07	0.028	0.028	10:07	0.037	0.037	-
10:08	0.028	0.028	10:08	0.038	0.037	-
10:09	0.029	0.028	10:09	0.039	0.037	-
10:10	0.030	0.028	10:10	0.041	0.038	-
10:11	0.029	0.029	10:11	0.040	0.038	-
10:12	0.029	0.029	10:12	0.039	0.038	-
10:13	0.028	0.029	10:13	0.038	0.038	-
10:14	0.028	0.029	10:14	0.039	0.038	-
10:15	0.031	0.030	10:15	0.048	0.039	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
10:16	0.032	0.030	10:16	0.043	0.039	-
10:17	0.032	0.030	10:17	0.044	0.040	-
10:18	0.031	0.030	10:18	0.042	0.040	-
10:19	0.030	0.029	10:19	0.042	0.040	-
10:20	0.029	0.029	10:20	0.041	0.041	-
10:21	0.029	0.029	10:21	0.041	0.041	-
10:22	0.028	0.029	10:22	0.041	0.041	-
10:23	0.030	0.029	10:23	0.039	0.041	-
10:24	0.028	0.029	10:24	0.040	0.041	-
10:25	0.028	0.029	10:25	0.042	0.041	-
10:26	0.028	0.029	10:26	0.040	0.041	-
10:27	0.029	0.028	10:27	0.039	0.041	-
10:28	0.028	0.028	10:28	0.039	0.041	-
10:29	0.028	0.028	10:29	0.038	0.041	-
10:30	0.028	0.028	10:30	0.038	0.041	-
10:31	0.028	0.028	10:31	0.038	0.040	-
10:32	0.028	0.028	10:32	0.038	0.040	-
10:33	0.028	0.028	10:33	0.038	0.040	-
10:34	0.028	0.028	10:34	0.038	0.039	-
10:35	0.028	0.029	10:35	0.039	0.039	-
10:36	0.029	0.029	10:36	0.039	0.039	-
10:37	0.029	0.029	10:37	0.039	0.039	-
10:38	0.030	0.029	10:38	0.039	0.039	-
10:39	0.029	0.029	10:39	0.039	0.039	-
10:40	0.029	0.029	10:40	0.038	0.039	-
10:41	0.029	0.029	10:41	0.039	0.039	-
10:42	0.030	0.029	10:42	0.039	0.039	-
10:43	0.030	0.029	10:43	0.038	0.038	-
10:44	0.030	0.030	10:44	0.039	0.039	-
10:45	0.030	0.030	10:45	0.039	0.039	-
10:46	0.030	0.030	10:46	0.043	0.039	-
10:47	0.029	0.030	10:47	0.044	0.039	-
10:48	0.030	0.030	10:48	0.040	0.039	-
10:49	0.030	0.030	10:49	0.041	0.040	-
10:50	0.030	0.030	10:50	0.040	0.040	-
10:51	0.030	0.031	10:51	0.042	0.040	-
10:52	0.031	0.031	10:52	0.041	0.040	-
10:53	0.030	0.031	10:53	0.045	0.040	-
10:54	0.030	0.031	10:54	0.044	0.041	-
10:55	0.033	0.031	10:55	0.043	0.041	-
10:56	0.033	0.031	10:56	0.041	0.041	-
10:57	0.034	0.031	10:57	0.046	0.042	-
10:58	0.032	0.031	10:58	0.042	0.042	-
10:59	0.032	0.031	10:59	0.042	0.042	-
11:00	0.031	0.031	11:00	0.045	0.043	-
11:01	0.031	0.031	11:01	0.044	0.043	-
11:02	0.031	0.032	11:02	0.041	0.042	-
11:03	0.031	0.032	11:03	0.039	0.042	-
11:04	0.031	0.032	11:04	0.039	0.042	-
11:05	0.031	0.032	11:05	0.040	0.042	-
11:06	0.031	0.032	11:06	0.042	0.042	-
11:07	0.031	0.032	11:07	0.042	0.042	-
11:08	0.032	0.032	11:08	0.042	0.042	-
11:09	0.032	0.032	11:09	0.039	0.042	-
11:10	0.032	0.032	11:10	0.039	0.042	-
11:11	0.033	0.032	11:11	0.039	0.041	-
11:12	0.032	0.032	11:12	0.040	0.041	-
11:13	0.033	0.032	11:13	0.040	0.041	-
11:14	0.033	0.033	11:14	0.040	0.041	-
11:15	0.033	0.033	11:15	0.039	0.040	-
11:16	0.033	0.033	11:16	0.039	0.040	-
11:17	0.033	0.033	11:17	0.040	0.040	-
11:18	0.033	0.033	11:18	0.041	0.040	-
11:19	0.033	0.033	11:19	0.040	0.040	-
11:20	0.034	0.033	11:20	0.041	0.040	-
11:21	0.034	0.034	11:21	0.040	0.040	-
11:22	0.034	0.034	11:22	0.040	0.040	-
11:23	0.034	0.034	11:23	0.040	0.040	-
11:24	0.034	0.034	11:24	0.039	0.040	-
11:25	0.034	0.034	11:25	0.039	0.040	-
11:26	0.035	0.034	11:26	0.040	0.040	-
11:27	0.035	0.035	11:27	0.039	0.040	-
11:28	0.035	0.035	11:28	0.040	0.040	-
11:29	0.036	0.035	11:29	0.039	0.040	-
11:30	0.036	0.035	11:30	0.038	0.040	-
11:31	0.035	0.035	11:31	0.038	0.040	-
11:32	0.035	0.035	11:32	0.038	0.039	-
11:33	0.036	0.035	11:33	0.039	0.039	-
11:34	0.036	0.035	11:34	0.040	0.039	-
11:35	0.036	0.036	11:35	0.039	0.039	-
11:36	0.035	0.036	11:36	0.039	0.039	-
11:37	0.036	0.036	11:37	0.039	0.039	-
11:38	0.035	0.036	11:38	0.038	0.039	-
11:39	0.035	0.035	11:39	0.040	0.039	-
11:40	0.036	0.035	11:40	0.040	0.039	-
11:41	0.036	0.035	11:41	0.039	0.039	-
11:42	0.036	0.035	11:42	0.038	0.039	-
11:43	0.035	0.035	11:43	0.039	0.039	-
11:44	0.035	0.035	11:44	0.038	0.039	-
11:45	0.035	0.035	11:45	0.039	0.039	-
11:46	0.035	0.035	11:46	0.038	0.039	-
11:47	0.035	0.035	11:47	0.039	0.039	-
11:48	0.035	0.035	11:48	0.038	0.039	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
11:49	0.035	0.035	11:49	0.037	0.039	-
11:50	0.035	0.036	11:50	0.036	0.038	-
11:51	0.035	0.036	11:51	0.037	0.038	-
11:52	0.035	0.036	11:52	0.036	0.038	-
11:53	0.036	0.036	11:53	0.037	0.038	-
11:54	0.036	0.036	11:54	0.036	0.038	-
11:55	0.037	0.036	11:55	0.037	0.038	-
11:56	0.039	0.036	11:56	0.037	0.037	-
11:57	0.038	0.036	11:57	0.039	0.038	-
11:58	0.037	0.037	11:58	0.037	0.037	-
11:59	0.037	0.037	11:59	0.037	0.037	-
12:00	0.036	0.037	12:00	0.036	0.037	-
12:01	0.036	0.038	12:01	0.036	0.037	-
12:02	0.037	0.038	12:02	0.036	0.037	-
12:03	0.038	0.038	12:03	0.039	0.037	-
12:04	0.037	0.038	12:04	0.041	0.037	-
12:05	0.040	0.038	12:05	0.040	0.037	-
12:06	0.040	0.038	12:06	0.041	0.038	-
12:07	0.041	0.038	12:07	0.040	0.038	-
12:08	0.040	0.038	12:08	0.039	0.038	-
12:09	0.039	0.038	12:09	0.038	0.038	-
12:10	0.037	0.038	12:10	0.038	0.038	-
12:11	0.038	0.038	12:11	0.039	0.038	-
12:12	0.039	0.038	12:12	0.038	0.038	-
12:13	0.037	0.038	12:13	0.036	0.038	-
12:14	0.037	0.038	12:14	0.037	0.038	-
12:15	0.037	0.037	12:15	0.037	0.038	-
12:16	0.036	0.037	12:16	0.037	0.038	-
12:17	0.036	0.037	12:17	0.036	0.038	-
12:18	0.035	0.037	12:18	0.035	0.038	-
12:19	0.036	0.036	12:19	0.033	0.038	-
12:20	0.036	0.036	12:20	0.034	0.037	-
12:21	0.036	0.036	12:21	0.033	0.037	-
12:22	0.036	0.036	12:22	0.034	0.036	-
12:23	0.037	0.036	12:23	0.033	0.036	-
12:24	0.036	0.036	12:24	0.033	0.036	-
12:25	0.035	0.036	12:25	0.032	0.035	-
12:26	0.036	0.036	12:26	0.032	0.035	-
12:27	0.036	0.036	12:27	0.032	0.034	-
12:28	0.036	0.036	12:28	0.033	0.034	-
12:29	0.036	0.036	12:29	0.033	0.034	-
12:30	0.036	0.036	12:30	0.033	0.034	-
12:31	0.037	0.036	12:31	0.033	0.033	-
12:32	0.036	0.036	12:32	0.035	0.033	-
12:33	0.035	0.035	12:33	0.035	0.033	-
12:34	0.035	0.035	12:34	0.033	0.033	-
12:35	0.034	0.035	12:35	0.033	0.033	-
12:36	0.035	0.035	12:36	0.033	0.033	-
12:37	0.035	0.035	12:37	0.034	0.033	-
12:38	0.035	0.035	12:38	0.032	0.033	-
12:39	0.035	0.035	12:39	0.032	0.033	-
12:40	0.035	0.035	12:40	0.031	0.033	-
12:41	0.034	0.035	12:41	0.031	0.033	-
12:42	0.035	0.035	12:42	0.031	0.033	-
12:43	0.035	0.035	12:43	0.032	0.033	-
12:44	0.035	0.035	12:44	0.031	0.033	-
12:45	0.035	0.035	12:45	0.031	0.032	-
12:46	0.035	0.035	12:46	0.032	0.032	-
12:47	0.034	0.034	12:47	0.032	0.032	-
12:48	0.034	0.034	12:48	0.033	0.032	-
12:49	0.034	0.034	12:49	0.034	0.032	-
12:50	0.034	0.034	12:50	0.034	0.032	-
12:51	0.034	0.034	12:51	0.034	0.032	-
12:52	0.034	0.034	12:52	0.034	0.032	-
12:53	0.034	0.034	12:53	0.032	0.032	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
12:54	0.035	0.034	12:54	0.032	0.032	-
12:55	0.035	0.034	12:55	0.032	0.032	-
12:56	0.034	0.034	12:56	0.033	0.032	-
12:57	0.034	0.034	12:57	0.031	0.032	-
12:58	0.034	0.034	12:58	0.033	0.033	-
12:59	0.034	0.034	12:59	0.031	0.033	-
13:00	0.035	0.034	13:00	0.032	0.033	-
13:01	0.035	0.034	13:01	0.031	0.033	-
13:02	0.033	0.034	13:02	0.032	0.033	-
13:03	0.034	0.034	13:03	0.033	0.033	-
13:04	0.033	0.034	13:04	0.032	0.032	-
13:05	0.033	0.034	13:05	0.033	0.032	-
13:06	0.033	0.034	13:06	0.033	0.032	-
13:07	0.033	0.034	13:07	0.034	0.032	-
13:08	0.034	0.034	13:08	0.033	0.032	-
13:09	0.034	0.034	13:09	0.033	0.032	-
13:10	0.034	0.034	13:10	0.033	0.032	-
13:11	0.034	0.034	13:11	0.033	0.032	-
13:12	0.035	0.034	13:12	0.035	0.033	-
13:13	0.035	0.035	13:13	0.034	0.033	-
13:14	0.036	0.035	13:14	0.032	0.033	-
13:15	0.036	0.035	13:15	0.034	0.033	-
13:16	0.036	0.035	13:16	0.032	0.033	-
13:17	0.036	0.036	13:17	0.034	0.033	-
13:18	0.035	0.036	13:18	0.033	0.033	-
13:19	0.036	0.036	13:19	0.033	0.033	-
13:20	0.036	0.036	13:20	0.034	0.033	-
13:21	0.036	0.036	13:21	0.033	0.033	-
13:22	0.037	0.036	13:22	0.032	0.033	-
13:23	0.038	0.036	13:23	0.032	0.033	-
13:24	0.037	0.036	13:24	0.033	0.033	-
13:25	0.035	0.036	13:25	0.032	0.033	-
13:26	0.036	0.035	13:26	0.033	0.033	-
13:27	0.035	0.035	13:27	0.032	0.033	-
13:28	0.035	0.035	13:28	0.032	0.033	-
13:29	0.034	0.035	13:29	0.032	0.033	-
13:30	0.034	0.035	13:30	0.033	0.033	-
13:31	0.034	0.035	13:31	0.035	0.033	-
13:32	0.034	0.035	13:32	0.034	0.033	-
13:33	0.034	0.035	13:33	0.032	0.033	-
13:34	0.034	0.035	13:34	0.033	0.033	-
13:35	0.035	0.035	13:35	0.033	0.033	-
13:36	0.034	0.035	13:36	0.035	0.033	-
13:37	0.035	0.035	13:37	0.034	0.033	-
13:38	0.035	0.035	13:38	0.039	0.033	-
13:39	0.035	0.035	13:39	0.035	0.034	-
13:40	0.035	0.035	13:40	0.035	0.034	-
13:41	0.036	0.035	13:41	0.035	0.034	-
13:42	0.037	0.035	13:42	0.035	0.034	-
13:43	0.036	0.036	13:43	0.035	0.034	-
13:44	0.036	0.036	13:44	0.033	0.034	-
13:45	0.035	0.036	13:45	0.033	0.034	-
13:46	0.036	0.036	13:46	0.034	0.034	-
13:47	0.036	0.036	13:47	0.033	0.034	-
13:48	0.036	0.036	13:48	0.034	0.034	-
13:49	0.036	0.036	13:49	0.034	0.034	-
13:50	0.036	0.036	13:50	0.033	0.034	-
13:51	0.035	0.036	13:51	0.034	0.034	-
13:52	0.035	0.036	13:52	0.033	0.034	-
13:53	0.036	0.036	13:53	0.034	0.034	-
13:54	0.036	0.036	13:54	0.034	0.034	-
13:55	0.037	0.036	13:55	0.034	0.034	-
13:56	0.037	0.036	13:56	0.034	0.034	-
13:57	0.036	0.036	13:57	0.034	0.034	-
13:58	0.036	0.036	13:58	0.035	0.034	-
13:59	0.036	0.036	13:59	0.034	0.034	-
14:00	0.036	0.036	14:00	0.033	0.034	-
14:01	0.037	0.036	14:01	0.035	0.034	-
14:02	0.036	0.037	14:02	0.035	0.034	-
14:03	0.035	0.037	14:03	0.036	0.034	-
14:04	0.036	0.037	14:04	0.034	0.034	-
14:05	0.037	0.037	14:05	0.035	0.034	-
14:06	0.038	0.037	14:06	0.036	0.034	-
14:07	0.038	0.038	14:07	0.035	0.035	-
14:08	0.039	0.038	14:08	0.035	0.035	-
14:09	0.039	0.038	14:09	0.036	0.035	-
14:10	0.037	0.038	14:10	0.038	0.035	-
14:11	0.040	0.038	14:11	0.039	0.035	-
14:12	0.040	0.038	14:12	0.037	0.036	-
14:13	0.039	0.038	14:13	0.037	0.036	-
14:14	0.039	0.038	14:14	0.038	0.036	-
14:15	0.038	0.038	14:15	0.037	0.036	-
14:16	0.038	0.038	14:16	0.039	0.036	-
14:17	0.037	0.038	14:17	0.039	0.037	-
14:18	0.038	0.038	14:18	0.038	0.037	-
14:19	0.039	0.039	14:19	0.038	0.037	-
14:20	0.037	0.039	14:20	0.037	0.037	-
14:21	0.037	0.039	14:21	0.038	0.037	-
14:22	0.036	0.039	14:22	0.038	0.038	-
14:23	0.036	0.039	14:23	0.039	0.038	-
14:24	0.040	0.039	14:24	0.038	0.038	-
14:25	0.049	0.039	14:25	0.038	0.038	-
14:26	0.047	0.039	14:26	0.040	0.038	-
14:27	0.041	0.039	14:27	0.041	0.038	-
14:28	0.038	0.039	14:28	0.040	0.039	-
14:29	0.037	0.039	14:29	0.039	0.039	-
14:30	0.036	0.039	14:30	0.039	0.039	-
14:31	0.036	0.039	14:31	0.037	0.039	-
14:32	0.036	0.039	14:32	0.037	0.038	-
14:33	0.037	0.038	14:33	0.039	0.039	-
14:34	0.036	0.038	14:34	0.038	0.039	-
14:35	0.036	0.037	14:35	0.039	0.039	-
14:36	0.037	0.037	14:36	0.039	0.039	-
14:37	0.037	0.037	14:37	0.039	0.039	-
14:38	0.037	0.036	14:38	0.039	0.039	-
14:39	0.037	0.036	14:39	0.042	0.039	-
14:40	0.038	0.036	14:40	0.041	0.039	-
14:41	0.036	0.036	14:41	0.041	0.039	-
14:42	0.036	0.036	14:42	0.040	0.039	-
14:43	0.036	0.036	14:43	0.041	0.039	-
14:44	0.036	0.036	14:44	0.039	0.039	-
14:45	0.036	0.036	14:45	0.038	0.039	-
14:46	0.036	0.036	14:46	0.039	0.039	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
14:47	0.036	0.036	14:47	0.039	0.040	-
14:48	0.036	0.036	14:48	0.038	0.039	-
14:49	0.036	0.036	14:49	0.039	0.040	-
14:50	0.036	0.036	14:50	0.040	0.040	-
14:51	0.036	0.036	14:51	0.041	0.040	-
14:52	0.037	0.036	14:52	0.040	0.040	-
14:53	0.036	0.036	14:53	0.040	0.040	-
14:54	0.036	0.036	14:54	0.040	0.040	-
14:55	0.036	0.036	14:55	0.041	0.040	-
14:56	0.036	0.036	14:56	0.041	0.040	-
14:57	0.036	0.036	14:57	0.041	0.040	-
14:58	0.036	0.036	14:58	0.041	0.040	-
14:59	0.036	0.036	14:59	0.040	0.040	-
15:00	0.036	0.036	15:00	0.041	0.040	-
15:01	0.036	0.036	15:01	0.041	0.040	-
15:02	0.036	0.036	15:02	0.041	0.040	-
15:03	0.035	0.036	15:03	0.041	0.041	-
15:04	0.035	0.035	15:04	0.041	0.041	-
15:05	0.035	0.035	15:05	0.041	0.041	-
15:06	0.035	0.035	15:06	0.042	0.041	-
15:07	0.035	0.035	15:07	0.042	0.041	-
15:08	0.035	0.035	15:08	0.041	0.041	-
15:09	0.035	0.035	15:09	0.040	0.041	-
15:10	0.034	0.035	15:10	0.040	0.041	-
15:11	0.035	0.035	15:11	0.041	0.041	-
15:12	0.035	0.035	15:12	0.042	0.041	-
15:13	0.035	0.035	15:13	0.041	0.041	-
15:14	0.036	0.035	15:14	0.043	0.041	-
15:15	0.036	0.035	15:15	0.042	0.041	-
15:16	0.035	0.035	15:16	0.043	0.041	-
15:17	0.035	0.035	15:17	0.044	0.042	-
15:18	0.035	0.035	15:18	0.044	0.042	-
15:19	0.035	0.035	15:19	0.044	0.042	-
15:20	0.035	0.035	15:20	0.046	0.042	-
15:21	0.035	0.035	15:21	0.043	0.042	-
15:22	0.035	0.035	15:22	0.043	0.042	-
15:23	0.034	0.035	15:23	0.043	0.043	-
15:24	0.034	0.034	15:24	0.047	0.043	-
15:25	0.034	0.034	15:25	0.043	0.043	-
15:26	0.034	0.034	15:26	0.043	0.043	-
15:27	0.034	0.034	15:27	0.042	0.043	-
15:28	0.034	0.034	15:28	0.042	0.043	-
15:29	0.034	0.033	15:29	0.043	0.043	-
15:30	0.033	0.033	15:30	0.042	0.043	-
15:31	0.033	0.033	15:31	0.042	0.043	-
15:32	0.032	0.033	15:32	0.040	0.043	-
15:33	0.032	0.033	15:33	0.040	0.043	-
15:34	0.031	0.033	15:34	0.040	0.043	-
15:35	0.033	0.032	15:35	0.041	0.042	-
15:36	0.033	0.032	15:36	0.040	0.042	-
15:37	0.032	0.032	15:37	0.040	0.042	-
15:38	0.031	0.032	15:38	0.040	0.042	-
15:39	0.031	0.032	15:39	0.039	0.041	-
15:40	0.031	0.032	15:40	0.040	0.041	-
15:41	0.032	0.032	15:41	0.040	0.041	-
15:42	0.032	0.032	15:42	0.041	0.041	-
15:43	0.032	0.032	15:43	0.040	0.041	-
15:44	0.032	0.032	15:44	0.040	0.040	-
15:45	0.032	0.031	15:45	0.040	0.040	-
15:46	0.032	0.031	15:46	0.039	0.040	-
15:47	0.032	0.031	15:47	0.039	0.040	-
15:48	0.031	0.031	15:48	0.041	0.040	-
15:49	0.031	0.031	15:49	0.039	0.040	-
15:50	0.031	0.031	15:50	0.039	0.040	-
15:51	0.030	0.031	15:51	0.039	0.040	-
15:52	0.030	0.031	15:52	0.039	0.040	-
15:53	0.031	0.031	15:53	0.038	0.040	-
15:54	0.031	0.031	15:54	0.039	0.040	-
15:55	0.030	0.030	15:55	0.039	0.039	-
15:56	0.030	0.030	15:56	0.038	0.039	-
15:57	0.030	0.030	15:57	0.038	0.039	-
15:58	0.030	0.030	15:58	0.038	0.039	-
15:59	0.030	0.030	15:59	0.038	0.039	-
16:00	0.030	0.030	16:00	0.039	0.039	-
16:01	0.030	0.030	16:01	0.038	0.039	-
16:02	0.029	0.030	16:02	0.038	0.039	-
16:03	0.029	0.030	16:03	0.038	0.038	-
16:04	0.030	0.030	16:04	0.038	0.038	-
16:05	0.030	0.030	16:05	0.038	0.038	-
16:06	0.030	0.030	16:06	0.038	0.038	-
16:07	0.029	0.029	16:07	0.037	0.038	-
16:08	0.030	0.029	16:08	0.037	0.038	-
16:09	0.029	0.029	16:09	0.037	0.038	-
16:10	0.029	0.029	16:10	0.037	0.038	-
16:11	0.029	0.029	16:11	0.037	0.038	-
16:12	0.029	0.029	16:12	0.037	0.038	-
16:13	0.029	0.029	16:13	0.036	0.038	-
16:14	0.029	0.029	16:14	0.037	0.037	-
16:15	0.029	0.029	16:15	0.036	0.037	-
16:16	0.029	0.029	16:16	0.037	0.037	-
16:17	0.030	0.029	16:17	0.037	0.037	-
16:18	0.029	0.029	16:18	0.036	0.037	-
16:19	0.028	0.029	16:19	0.036	0.037	-
16:20	0.028	0.029	16:20	0.037	0.037	-
16:21	0.028	0.028	16:21	0.036	0.037	-
16:22	0.028	0.028	16:22	0.038	0.037	-
16:23	0.028	0.028	16:23	0.036	0.037	-
16:24	0.028	0.028	16:24	0.036	0.037	-
16:25	0.028	0.028	16:25	0.036	0.037	-
16:26	0.028	0.028	16:26	0.038	0.037	-
16:27	0.028	0.028	16:27	0.036	0.037	-
16:28	0.028	0.028	16:28	0.035	0.036	-
16:29	0.028	0.028	16:29	0.035	0.036	-
16:30	0.028	0.028	16:30	0.035	0.036	-
16:31	0.028	0.028	16:31	0.035	0.036	-
16:32	0.028	0.028	16:32	0.035	0.036	-
16:33	0.027	0.028	16:33	0.036	0.036	-
16:34	0.027	0.027	16:34	0.035	0.036	-
16:35	0.027	0.027	16:35	0.035	0.036	-
16:36	0.027	0.027	16:36	0.035	0.036	-
16:37	0.027	0.027	16:37	0.036	0.036	-
16:38	0.027	0.027	16:38	0.036	0.036	-
16:39	0.027	0.027	16:39	0.036	0.036	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
16:40	0.026	0.027	16:40	0.035	0.036	-
16:41	0.027	0.027	16:41	0.037	0.035	-
16:42	0.027	0.026	16:42	0.035	0.035	-
16:43	0.026	0.026	16:43	0.035	0.035	-
16:44	0.026	0.026	16:44	0.035	0.035	-
16:45	0.026	0.026	16:45	0.034	0.035	-
16:46	0.026	0.026	16:46	0.035	0.035	-
16:47	0.026	0.026	16:47	0.034	0.035	-
16:48	0.025	0.025	16:48	0.034	0.035	-
16:49	0.025	0.025	16:49	0.035	0.035	-
16:50	0.025	0.025	16:50	0.034	0.035	-
16:51	0.024	0.025	16:51	0.033	0.035	-
16:52	0.024	0.025	16:52	0.034	0.035	-
16:53	0.024	0.025	16:53	0.033	0.035	-
16:54	0.024	0.024	16:54	0.033	0.034	-
16:55	0.024	0.024	16:55	0.033	0.034	-
16:56	0.024	0.024	16:56	0.000	0.032	-
16:57	0.024	0.024	16:57	0.032	0.032	-
16:58	0.024	0.024	16:58	0.034	0.032	-
16:59	0.024	0.024	16:59	0.033	0.031	-
17:00	0.024	0.024	17:00	0.033	0.031	-
17:01	0.024	0.024	17:01	0.032	0.031	-
17:02	0.024	0.024	17:02	0.032	0.031	-
17:03	0.024	0.024	17:03	0.033	0.031	-
17:04	0.024	0.024	17:04	0.033	0.031	-
17:05	0.024	0.024	17:05	0.032	0.031	-
17:06	0.024	0.024	17:06	0.032	0.031	-
17:07	0.024	0.024	17:07	0.031	0.030	-
17:08	0.024	0.024	17:08	0.032	0.030	-
17:09	0.024	0.024	17:09	0.032	0.030	-
17:10	0.024	0.024	17:10	0.032	0.030	-
17:11	0.023	0.024	17:11	0.031	0.032	-
17:12	0.024	0.024	17:12	0.033	0.032	-
17:13	0.024	0.024	17:13	0.032	0.032	-
17:14	0.023	0.023	17:14	0.032	0.032	-
17:15	0.023	0.023	17:15	0.032	0.032	-
17:16	0.023	0.023	17:16	0.032	0.032	-
17:17	0.023	0.023	17:17			
17:18	0.023	0.023	17:18			
17:19	0.023	0.023	17:19			
17:20	0.023	0.023	17:20			
17:21	0.024	0.023	17:21			
17:22	0.024	0.023	17:22			
17:23	0.023	0.023	17:23			
17:24	0.023	0.023	17:24			
17:25	0.023	0.023	17:25			
17:26	0.023	0.023	17:26			
17:27	0.023		17:27			
17:28	0.023		17:28			
17:29	0.023		17:29			
17:30	0.023		17:30			
17:31	0.022		17:31			
17:32	0.022		17:32			

Friday, June 21, 2024						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						607
Start Time:						6:36
End Time:						17:33
PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
6:36			6:36	0.0		
6:37			6:37	0.0		
6:38			6:38	0.0		
6:39			6:39	0.0		
6:40			6:40	0.0		
6:41			6:41	0.0		
6:42	0.1		6:42	0.0		
6:43	0.0		6:43	0.0		
6:44	0.0		6:44	0.0		
6:45	0.0		6:45	0.0		
6:46	0.0		6:46	0.0		
6:47	0.0		6:47	0.0		
6:48	0.0		6:48	0.0		
6:49	0.0		6:49	0.0		
6:50	0.0		6:50	0.0		
6:51	0.0		6:51	0.0	0.0	
6:52	0.0		6:52	0.0	0.0	
6:53	0.0		6:53	0.0	0.0	
6:54	0.0		6:54	0.0	0.0	
6:55	0.0		6:55	0.0	0.0	
6:56	0.0		6:56	0.0	0.0	
6:57	0.0	0.0	6:57	0.0	0.0	-
6:58	0.0	0.0	6:58	0.0	0.0	-
6:59	0.0	0.0	6:59	0.0	0.0	-
7:00	0.0	0.0	7:00	0.0	0.0	-
7:01	0.0	0.0	7:01	0.0	0.0	-
7:02	0.0	0.0	7:02	0.0	0.0	-
7:03	0.0	0.0	7:03	0.0	0.0	-
7:04	0.0	0.0	7:04	0.0	0.0	-
7:05	0.0	0.0	7:05	0.0	0.0	-
7:06	0.0	0.0	7:06	0.0	0.0	-
7:07	0.0	0.0	7:07	0.0	0.0	-
7:08	0.0	0.0	7:08	0.0	0.0	-
7:09	0.0	0.0	7:09	0.0	0.0	-
7:10	0.0	0.0	7:10	0.0	0.0	-
7:11	0.0	0.0	7:11	0.0	0.0	-
7:12	0.0	0.0	7:12	0.0	0.0	-
7:13	0.0	0.0	7:13	0.0	0.0	-
7:14	0.0	0.0	7:14	0.0	0.0	-
7:15	0.0	0.0	7:15	0.0	0.0	-
7:16	0.0	0.0	7:16	0.0	0.0	-
7:17	0.0	0.0	7:17	0.0	0.0	-
7:18	0.0	0.0	7:18	0.0	0.0	-
7:19	0.0	0.0	7:19	0.0	0.0	-
7:20	0.0	0.0	7:20	0.0	0.0	-
7:21	0.0	0.0	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	0.0	-
7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	0.0	0.0	7:24	0.0	0.0	-
7:25	0.0	0.0	7:25	0.0	0.0	-
7:26	0.0	0.0	7:26	0.0	0.0	-
7:27	0.0	0.0	7:27	0.0	0.0	-
7:28	0.0	0.0	7:28	0.0	0.0	-
7:29	0.0	0.0	7:29	0.0	0.0	-
7:30	0.0	0.0	7:30	0.0	0.0	-
7:31	0.0	0.0	7:31	0.0	0.0	-
7:32	0.0	0.0	7:32	0.0	0.0	-
7:33	0.0	0.0	7:33	0.0	0.0	-
7:34	0.0	0.0	7:34	0.0	0.0	-
7:35	0.0	0.0	7:35	0.0	0.0	-
7:36	0.0	0.0	7:36	0.0	0.0	-
7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.1	0.0	-
9:07	0.0	0.0	9:07	0.1	0.0	-
9:08	0.0	0.0	9:08	0.1	0.0	-
9:09	0.0	0.0	9:09	0.1	0.0	-
9:10	0.0	0.0	9:10	0.1	0.0	-
9:11	0.0	0.0	9:11	0.1	0.0	-
9:12	0.0	0.0	9:12	0.1	0.0	-
9:13	0.0	0.0	9:13	0.1	0.1	-
9:14	0.0	0.0	9:14	0.0	0.1	-
9:15	0.0	0.0	9:15	0.0	0.1	-
9:16	0.0	0.0	9:16	0.0	0.1	-
9:17	0.0	0.0	9:17	0.1	0.1	-
9:18	0.0	0.0	9:18	0.1	0.1	-
9:19	0.0	0.0	9:19	0.1	0.1	-
9:20	0.0	0.0	9:20	0.1	0.1	-
9:21	0.0	0.0	9:21	0.1	0.1	-
9:22	0.0	0.0	9:22	0.1	0.1	-
9:23	0.0	0.0	9:23	0.1	0.1	-
9:24	0.0	0.0	9:24	0.2	0.1	-
9:25	0.0	0.0	9:25	0.2	0.1	-
9:26	0.0	0.0	9:26	0.2	0.1	-
9:27	0.0	0.0	9:27	0.1	0.1	-
9:28	0.0	0.0	9:28	0.1	0.1	-
9:29	0.0	0.0	9:29	0.1	0.1	-
9:30	0.0	0.0	9:30	0.1	0.1	-
9:31	0.0	0.0	9:31	0.1	0.1	-
9:32	0.0	0.0	9:32	0.1	0.1	-
9:33	0.0	0.0	9:33	0.1	0.1	-
9:34	0.0	0.0	9:34	0.1	0.1	-
9:35	0.0	0.0	9:35	0.1	0.1	-
9:36	0.0	0.0	9:36	0.1	0.1	-
9:37	0.0	0.0	9:37	0.1	0.1	-
9:38	0.0	0.0	9:38	0.1	0.1	-
9:39	0.0	0.0	9:39	0.1	0.1	-
9:40	0.0	0.0	9:40	0.1	0.1	-
9:41	0.0	0.0	9:41	0.1	0.1	-
9:42	0.0	0.0	9:42	0.1	0.1	-
9:43	0.0	0.0	9:43	0.1	0.1	-
9:44	0.0	0.0	9:44	0.1	0.1	-
9:45	0.0	0.0	9:45	0.1	0.1	-
9:46	0.0	0.0	9:46	0.1	0.1	-
9:47	0.0	0.0	9:47	0.1	0.1	-
9:48	0.0	0.0	9:48	0.1	0.1	-
9:49	0.0	0.0	9:49	0.1	0.1	-
9:50	0.0	0.0	9:50	0.1	0.1	-
9:51	0.0	0.0	9:51	0.1	0.1	-
9:52	0.0	0.0	9:52	0.1	0.1	-
9:53	0.0	0.0	9:53	0.1	0.1	-
9:54	0.0	0.0	9:54	0.1	0.1	-
9:55	0.0	0.0	9:55	0.1	0.1	-
9:56	0.0	0.0	9:56	0.1	0.1	-
9:57	0.0	0.0	9:57	0.1	0.1	-
9:58	0.0	0.0	9:58	0.1	0.1	-
9:59	0.0	0.0	9:59	0.1	0.1	-
10:00	0.0	0.0	10:00	0.1	0.1	-
10:01	0.0	0.0	10:01	0.1	0.1	-
10:02	0.0	0.0	10:02	0.1	0.1	-
10:03	0.0	0.0	10:03	0.1	0.1	-
10:04	0.0	0.0	10:04	0.1	0.1	-
10:05	0.0	0.0	10:05	0.1	0.1	-
10:06	0.0	0.0	10:06	0.1	0.1	-
10:07	0.0	0.0	10:07	0.1	0.1	-
10:08	0.0	0.0	10:08	0.1	0.1	-
10:09	0.0	0.0	10:09	0.1	0.1	-
10:10	0.0	0.0	10:10	0.1	0.1	-
10:11	0.0	0.0	10:11	0.1	0.1	-
10:12	0.0	0.0	10:12	0.1	0.1	-
10:13	0.0	0.0	10:13	0.1	0.1	-
10:14	0.0	0.0	10:14	0.1	0.1	-
10:15	0.0	0.0	10:15	0.1	0.1	-
10:16	0.0	0.0	10:16	0.1	0.1	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
10:17	0.0	0.0	10:17	0.1	0.1	-
10:18	0.0	0.0	10:18	0.1	0.1	-
10:19	0.0	0.0	10:19	0.1	0.1	-
10:20	0.0	0.0	10:20	0.1	0.1	-
10:21	0.0	0.0	10:21	0.1	0.1	-
10:22	0.0	0.0	10:22	0.1	0.1	-
10:23	0.0	0.0	10:23	0.1	0.1	-
10:24	0.0	0.0	10:24	0.1	0.1	-
10:25	0.0	0.0	10:25	0.1	0.1	-
10:26	0.0	0.0	10:26	0.1	0.1	-
10:27	0.0	0.0	10:27	0.1	0.1	-
10:28	0.0	0.0	10:28	0.1	0.1	-
10:29	0.0	0.0	10:29	0.1	0.1	-
10:30	0.0	0.0	10:30	0.1	0.1	-
10:31	0.0	0.0	10:31	0.1	0.1	-
10:32	0.0	0.0	10:32	0.1	0.1	-
10:33	0.0	0.0	10:33	0.1	0.1	-
10:34	0.0	0.0	10:34	0.1	0.1	-
10:35	0.0	0.0	10:35	0.1	0.1	-
10:36	0.0	0.0	10:36	0.1	0.1	-
10:37	0.0	0.0	10:37	0.1	0.1	-
10:38	0.0	0.0	10:38	0.1	0.1	-
10:39	0.0	0.0	10:39	0.1	0.1	-
10:40	0.0	0.0	10:40	0.1	0.1	-
10:41	0.0	0.0	10:41	0.1	0.1	-
10:42	0.0	0.0	10:42	0.1	0.1	-
10:43	0.0	0.0	10:43	0.1	0.1	-
10:44	0.0	0.0	10:44	0.1	0.1	-
10:45	0.0	0.0	10:45	0.1	0.1	-
10:46	0.0	0.0	10:46	0.1	0.1	-
10:47	0.0	0.0	10:47	0.1	0.1	-
10:48	0.0	0.0	10:48	0.1	0.1	-
10:49	0.0	0.0	10:49	0.1	0.1	-
10:50	0.0	0.0	10:50	0.1	0.1	-
10:51	0.0	0.0	10:51	0.1	0.1	-
10:52	0.0	0.0	10:52	0.1	0.1	-
10:53	0.0	0.0	10:53	0.1	0.1	-
10:54	0.0	0.0	10:54	0.1	0.1	-
10:55	0.0	0.0	10:55	0.1	0.1	-
10:56	0.0	0.0	10:56	0.1	0.1	-
10:57	0.0	0.0	10:57	0.1	0.1	-
10:58	0.0	0.0	10:58	0.1	0.1	-
10:59	0.0	0.0	10:59	0.1	0.1	-
11:00	0.0	0.0	11:00	0.1	0.1	-
11:01	0.0	0.0	11:01	0.1	0.1	-
11:02	0.0	0.0	11:02	0.1	0.1	-
11:03	0.0	0.0	11:03	0.1	0.1	-
11:04	0.0	0.0	11:04	0.1	0.1	-
11:05	0.0	0.0	11:05	0.1	0.1	-
11:06	0.0	0.0	11:06	0.1	0.1	-
11:07	0.0	0.0	11:07	0.1	0.1	-
11:08	0.0	0.0	11:08	0.1	0.1	-
11:09	0.0	0.0	11:09	0.1	0.1	-
11:10	0.0	0.0	11:10	0.1	0.1	-
11:11	0.0	0.0	11:11	0.1	0.1	-
11:12	0.0	0.0	11:12	0.1	0.1	-
11:13	0.0	0.0	11:13	0.1	0.1	-
11:14	0.0	0.0	11:14	0.1	0.1	-
11:15	0.0	0.0	11:15	0.1	0.1	-
11:16	0.0	0.0	11:16	0.1	0.1	-
11:17	0.0	0.0	11:17	0.1	0.1	-
11:18	0.0	0.0	11:18	0.1	0.1	-
11:19	0.0	0.0	11:19	0.1	0.1	-
11:20	0.0	0.0	11:20	0.1	0.1	-
11:21	0.0	0.0	11:21	0.1	0.1	-
11:22	0.0	0.0	11:22	0.1	0.1	-
11:23	0.0	0.0	11:23	0.1	0.1	-
11:24	0.0	0.0	11:24	0.1	0.1	-
11:25	0.0	0.0	11:25	0.1	0.1	-
11:26	0.0	0.0	11:26	0.1	0.1	-
11:27	0.0	0.0	11:27	0.1	0.1	-
11:28	0.0	0.0	11:28	0.1	0.1	-
11:29	0.0	0.0	11:29	0.1	0.1	-
11:30	0.0	0.0	11:30	0.1	0.1	-
11:31	0.0	0.0	11:31	0.1	0.1	-
11:32	0.0	0.0	11:32	0.1	0.1	-
11:33	0.0	0.0	11:33	0.1	0.1	-
11:34	0.0	0.0	11:34	0.1	0.1	-
11:35	0.0	0.0	11:35	0.1	0.1	-
11:36	0.0	0.0	11:36	0.1	0.1	-
11:37	0.0	0.0	11:37	0.1	0.1	-
11:38	0.0	0.0	11:38	0.1	0.1	-
11:39	0.0	0.0	11:39	0.1	0.1	-
11:40	0.0	0.0	11:40	0.1	0.1	-
11:41	0.0	0.0	11:41	0.1	0.1	-
11:42	0.0	0.0	11:42	0.1	0.1	-
11:43	0.0	0.0	11:43	0.1	0.1	-
11:44	0.0	0.0	11:44	0.1	0.1	-
11:45	0.0	0.0	11:45	0.1	0.1	-
11:46	0.0	0.0	11:46	0.1	0.1	-
11:47	0.0	0.0	11:47	0.1	0.1	-
11:48	0.0	0.0	11:48	0.1	0.1	-
11:49	0.0	0.0	11:49	0.1	0.1	-
11:50	0.0	0.0	11:50	0.1	0.1	-
11:51	0.0	0.0	11:51	0.1	0.1	-
11:52	0.0	0.0	11:52	0.1	0.1	-
11:53	0.0	0.0	11:53	0.1	0.1	-
11:54	0.0	0.0	11:54	0.1	0.1	-
11:55	0.0	0.0	11:55	0.1	0.1	-
11:56	0.0	0.0	11:56	0.1	0.1	-
11:57	0.0	0.0	11:57	0.1	0.1	-
11:58	0.0	0.0	11:58	0.1	0.1	-
11:59	0.0	0.0	11:59	0.1	0.1	-
12:00	0.0	0.0	12:00	0.1	0.1	-
12:01	0.0	0.0	12:01	0.1	0.1	-
12:02	0.0	0.0	12:02	0.1	0.1	-
12:03	0.0	0.0	12:03	0.1	0.1	-
12:04	0.0	0.0	12:04	0.1	0.1	-
12:05	0.0	0.0	12:05	0.1	0.1	-
12:06	0.0	0.0	12:06	0.1	0.1	-
12:07	0.0	0.0	12:07	0.1	0.1	-
12:08	0.0	0.0	12:08	0.1	0.1	-
12:09	0.0	0.0	12:09	0.1	0.1	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
12:10	0.0	0.0	12:10	0.1	0.1	-
12:11	0.0	0.0	12:11	0.1	0.1	-
12:12	0.0	0.0	12:12	0.1	0.1	-
12:13	0.0	0.0	12:13	0.1	0.1	-
12:14	0.0	0.0	12:14	0.1	0.1	-
12:15	0.0	0.0	12:15	0.1	0.1	-
12:16	0.0	0.0	12:16	0.1	0.1	-
12:17	0.0	0.0	12:17	0.1	0.1	-
12:18	0.0	0.0	12:18	0.1	0.1	-
12:19	0.0	0.0	12:19	0.1	0.1	-
12:20	0.0	0.0	12:20	0.1	0.1	-
12:21	0.0	0.0	12:21	0.1	0.1	-
12:22	0.0	0.0	12:22	0.1	0.1	-
12:23	0.0	0.0	12:23	0.1	0.1	-
12:24	0.0	0.0	12:24	0.1	0.1	-
12:25	0.0	0.0	12:25	0.1	0.1	-
12:26	0.0	0.0	12:26	0.1	0.1	-
12:27	0.0	0.0	12:27	0.1	0.1	-
12:28	0.0	0.0	12:28	0.1	0.1	-
12:29	0.0	0.0	12:29	0.1	0.1	-
12:30	0.0	0.0	12:30	0.1	0.1	-
12:31	0.0	0.0	12:31	0.1	0.1	-
12:32	0.0	0.0	12:32	0.1	0.1	-
12:33	0.0	0.0	12:33	0.1	0.1	-
12:34	0.0	0.0	12:34	0.1	0.1	-
12:35	0.0	0.0	12:35	0.1	0.1	-
12:36	0.0	0.0	12:36	0.1	0.1	-
12:37	0.0	0.0	12:37	0.1	0.1	-
12:38	0.0	0.0	12:38	0.1	0.1	-
12:39	0.0	0.0	12:39	0.1	0.1	-
12:40	0.0	0.0	12:40	0.1	0.1	-
12:41	0.0	0.0	12:41	0.1	0.1	-
12:42	0.0	0.0	12:42	0.1	0.1	-
12:43	0.0	0.0	12:43	0.1	0.1	-
12:44	0.0	0.0	12:44	0.1	0.1	-
12:45	0.0	0.0	12:45	0.1	0.1	-
12:46	0.0	0.0	12:46	0.1	0.1	-
12:47	0.0	0.0	12:47	0.1	0.1	-
12:48	0.0	0.0	12:48	0.1	0.1	-
12:49	0.0	0.0	12:49	0.1	0.1	-
12:50	0.0	0.0	12:50	0.1	0.1	-
12:51	0.0	0.0	12:51	0.1	0.1	-
12:52	0.0	0.0	12:52	0.1	0.1	-
12:53	0.0	0.0	12:53	0.1	0.1	-
12:54	0.0	0.0	12:54	0.1	0.1	-
12:55	0.0	0.0	12:55	0.1	0.1	-
12:56	0.0	0.0	12:56	0.1	0.1	-
12:57	0.0	0.0	12:57	0.1	0.1	-
12:58	0.0	0.0	12:58	0.1	0.1	-
12:59	0.0	0.0	12:59	0.1	0.1	-
13:00	0.0	0.0	13:00	0.1	0.1	-
13:01	0.0	0.0	13:01	0.1	0.1	-
13:02	0.0	0.0	13:02	0.1	0.1	-
13:03	0.0	0.0	13:03	0.1	0.1	-
13:04	0.0	0.0	13:04	0.1	0.1	-
13:05	0.0	0.0	13:05	0.1	0.1	-
13:06	0.0	0.0	13:06	0.1	0.1	-
13:07	0.0	0.0	13:07	0.1	0.1	-
13:08	0.0	0.0	13:08	0.1	0.1	-
13:09	0.0	0.0	13:09	0.1	0.1	-
13:10	0.0	0.0	13:10	0.1	0.1	-
13:11	0.0	0.0	13:11	0.1	0.1	-
13:12	0.0	0.0	13:12	0.1	0.1	-
13:13	0.0	0.0	13:13	0.1	0.1	-
13:14	0.0	0.0	13:14	0.1	0.1	-
13:15	0.0	0.0	13:15	0.1	0.1	-
13:16	0.0	0.0	13:16	0.1	0.1	-
13:17	0.0	0.0	13:17	0.1	0.1	-
13:18	0.0	0.0	13:18	0.1	0.1	-
13:19	0.0	0.0	13:19	0.1	0.1	-
13:20	0.0	0.0	13:20	0.1	0.1	-
13:21	0.0	0.0	13:21	0.1	0.1	-
13:22	0.0	0.0	13:22	0.1	0.1	-
13:23	0.0	0.0	13:23	0.1	0.1	-
13:24	0.0	0.0	13:24	0.0	0.1	-
13:25	0.0	0.0	13:25	0.0	0.1	-
13:26	0.0	0.0	13:26	0.0	0.1	-
13:27	0.0	0.0	13:27	0.0	0.1	-
13:28	0.0	0.0	13:28	0.0	0.1	-
13:29	0.0	0.0	13:29	0.0	0.1	-
13:30	0.0	0.0	13:30	0.0	0.1	-
13:31	0.0	0.0	13:31	0.1	0.1	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.0	0.0	14:52	0.0	0.0	-
14:53	0.0	0.0	14:53	0.0	0.0	-
14:54	0.0	0.0	14:54	0.0	0.0	-
14:55	0.0	0.0	14:55	0.0	0.0	-
14:56	0.0	0.0	14:56	0.0	0.0	-
14:57	0.0	0.0	14:57	0.0	0.0	-
14:58	0.0	0.0	14:58	0.0	0.0	-
14:59	0.0	0.0	14:59	0.0	0.0	-
15:00	0.0	0.0	15:00	0.0	0.0	-
15:01	0.0	0.0	15:01	0.0	0.0	-
15:02	0.0	0.0	15:02	0.0	0.0	-
15:03	0.0	0.0	15:03	0.0	0.0	-
15:04	0.0	0.0	15:04	0.0	0.0	-
15:05	0.0	0.0	15:05	0.0	0.0	-
15:06	0.0	0.0	15:06	0.0	0.0	-
15:07	0.0	0.0	15:07	0.0	0.0	-
15:08	0.0	0.0	15:08	0.0	0.0	-
15:09	0.0	0.0	15:09	0.0	0.0	-
15:10	0.0	0.0	15:10	0.0	0.0	-
15:11	0.0	0.0	15:11	0.0	0.0	-
15:12	0.0	0.0	15:12	0.0	0.0	-
15:13	0.0	0.0	15:13	0.0	0.0	-
15:14	0.0	0.0	15:14	0.0	0.0	-
15:15	0.0	0.0	15:15	0.0	0.0	-
15:16	0.0	0.0	15:16	0.0	0.0	-
15:17	0.0	0.0	15:17	0.0	0.0	-
15:18	0.0	0.0	15:18	0.0	0.0	-
15:19	0.0	0.0	15:19	0.0	0.0	-
15:20	0.0	0.0	15:20	0.0	0.0	-
15:21	0.0	0.0	15:21	0.0	0.0	-
15:22	0.0	0.0	15:22	0.0	0.0	-
15:23	0.0	0.0	15:23	0.0	0.0	-
15:24	0.0	0.0	15:24	0.0	0.0	-
15:25	0.0	0.0	15:25	0.0	0.0	-
15:26	0.0	0.0	15:26	0.0	0.0	-
15:27	0.0	0.0	15:27	0.0	0.0	-
15:28	0.0	0.0	15:28	0.0	0.0	-
15:29	0.0	0.0	15:29	0.0	0.0	-
15:30	0.0	0.0	15:30	0.0	0.0	-
15:31	0.0	0.0	15:31	0.0	0.0	-
15:32	0.0	0.0	15:32	0.0	0.0	-
15:33	0.0	0.0	15:33	0.0	0.0	-
15:34	0.0	0.0	15:34	0.0	0.0	-
15:35	0.0	0.0	15:35	0.0	0.0	-
15:36	0.0	0.0	15:36	0.0	0.0	-
15:37	0.0	0.0	15:37	0.0	0.0	-
15:38	0.0	0.0	15:38	0.0	0.0	-
15:39	0.0	0.0	15:39	0.0	0.0	-
15:40	0.0	0.0	15:40	0.0	0.0	-
15:41	0.0	0.0	15:41	0.0	0.0	-
15:42	0.0	0.0	15:42	0.0	0.0	-
15:43	0.0	0.0	15:43	0.0	0.0	-
15:44	0.0	0.0	15:44	0.0	0.0	-
15:45	0.0	0.0	15:45	0.0	0.0	-
15:46	0.0	0.0	15:46	0.0	0.0	-
15:47	0.0	0.0	15:47	0.0	0.0	-
15:48	0.0	0.0	15:48	0.0	0.0	-
15:49	0.0	0.0	15:49	0.0	0.0	-
15:50	0.0	0.0	15:50	0.0	0.0	-
15:51	0.0	0.0	15:51	0.0	0.0	-
15:52	0.0	0.0	15:52	0.0	0.0	-
15:53	0.0	0.0	15:53	0.0	0.0	-
15:54	0.0	0.0	15:54	0.0	0.0	-
15:55	0.0	0.0	15:55	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
15:56	0.0	0.0	15:56	0.0	0.0	-
15:57	0.0	0.0	15:57	0.0	0.0	-
15:58	0.0	0.0	15:58	0.0	0.0	-
15:59	0.0	0.0	15:59	0.0	0.0	-
16:00	0.0	0.0	16:00	0.0	0.0	-
16:01	0.0	0.0	16:01	0.0	0.0	-
16:02	0.0	0.0	16:02	0.0	0.0	-
16:03	0.0	0.0	16:03	0.0	0.0	-
16:04	0.0	0.0	16:04	0.0	0.0	-
16:05	0.0	0.0	16:05	0.0	0.0	-
16:06	0.0	0.0	16:06	0.0	0.0	-
16:07	0.0	0.0	16:07	0.0	0.0	-
16:08	0.0	0.0	16:08	0.0	0.0	-
16:09	0.0	0.0	16:09	0.0	0.0	-
16:10	0.0	0.0	16:10	0.0	0.0	-
16:11	0.0	0.0	16:11	0.0	0.0	-
16:12	0.0	0.0	16:12	0.0	0.0	-
16:13	0.0	0.0	16:13	0.0	0.0	-
16:14	0.0	0.0	16:14	0.0	0.0	-
16:15	0.0	0.0	16:15	0.0	0.0	-
16:16	0.0	0.0	16:16	0.0	0.0	-
16:17	0.0	0.0	16:17	0.0	0.0	-
16:18	0.0	0.0	16:18	0.0	0.0	-
16:19	0.0	0.0	16:19	0.0	0.0	-
16:20	0.0	0.0	16:20	0.0	0.0	-
16:21	0.0	0.0	16:21	0.0	0.0	-
16:22	0.0	0.0	16:22	0.0	0.0	-
16:23	0.0	0.0	16:23	0.0	0.0	-
16:24	0.0	0.0	16:24	0.0	0.0	-
16:25	0.0	0.0	16:25	0.0	0.0	-
16:26	0.0	0.0	16:26	0.0	0.0	-
16:27	0.0	0.0	16:27	0.0	0.0	-
16:28	0.0	0.0	16:28	0.0	0.0	-
16:29	0.0	0.0	16:29	0.0	0.0	-
16:30	0.0	0.0	16:30	0.0	0.0	-
16:31	0.0	0.0	16:31	0.0	0.0	-
16:32	0.0	0.0	16:32	0.0	0.0	-
16:33	0.0	0.0	16:33	0.0	0.0	-
16:34	0.0	0.0	16:34	0.0	0.0	-
16:35	0.0	0.0	16:35	0.0	0.0	-
16:36	0.0	0.0	16:36	0.0	0.0	-
16:37	0.0	0.0	16:37	0.0	0.0	-
16:38	0.0	0.0	16:38	0.0	0.0	-
16:39	0.0	0.0	16:39	0.0	0.0	-
16:40	0.0	0.0	16:40	0.0	0.0	-
16:41	0.0	0.0	16:41	0.0	0.0	-
16:42	0.0	0.0	16:42	0.0	0.0	-
16:43	0.0	0.0	16:43	0.0	0.0	-
16:44	0.0	0.0	16:44	0.0	0.0	-
16:45	0.0	0.0	16:45	0.0	0.0	-
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16:47	0.0	0.0	16:47	0.0	0.0	-
16:48	0.0	0.0	16:48	0.0	0.0	-
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16:51	0.0	0.0	16:51	0.0	0.0	-
16:52	0.0	0.0	16:52	0.0	0.0	-
16:53	0.0	0.0	16:53	0.0	0.0	-
16:54	0.0	0.0	16:54	0.0	0.0	-
16:55	0.0	0.0	16:55	0.0	0.0	-
16:56	0.0	0.0	16:56	0.0	0.0	-
16:57	0.0	0.0	16:57	0.0	0.0	-
16:58	0.0	0.0	16:58	0.0	0.0	-
16:59	0.0	0.0	16:59	0.0	0.0	-
17:00	0.0	0.0	17:00	0.0	0.0	-
17:01	0.0	0.0	17:01	0.0	0.0	-
17:02	0.0	0.0	17:02	0.0	0.0	-
17:03	0.0	0.0	17:03	0.0	0.0	-
17:04	0.0	0.0	17:04	0.0	0.0	-
17:05	0.0	0.0	17:05	0.0	0.0	-
17:06	0.0	0.0	17:06	0.0	0.0	-
17:07	0.0	0.0	17:07	0.0	0.0	-
17:08	0.0	0.0	17:08	0.0	0.0	-
17:09	0.0	0.0	17:09	0.0	0.0	-
17:10	0.0	0.0	17:10	0.0	0.0	-
17:11	0.0	0.0	17:11	0.0	0.0	-
17:12	0.0	0.0	17:12	0.0	0.0	-
17:13	0.0	0.0	17:13	0.0	0.0	-
17:14	0.0	0.0	17:14	0.0	0.0	-
17:15	0.0	0.0	17:15	0.0	0.0	-
17:16	0.0	0.0	17:16	0.0	0.0	-
17:17	0.0	0.0	17:17	0.0	0.0	-
17:18	0.0	0.0	17:18	0.0	0.0	-
17:19	0.0	0.0	17:19	0.0	0.0	-
17:20	0.0	0.0	17:20	0.0	0.0	-
17:21	0.0	0.0	17:21	0.0	0.0	-
17:22	0.0	0.0	17:22			
17:23	0.0	0.0	17:23			
17:24	0.0	0.0	17:24			
17:25	0.0	0.0	17:25			
17:26	0.0	0.0	17:26			
17:27	0.0	0.0	17:27			
17:28	0.0	0.0	17:28			
17:29	0.0	0.0	17:29			
17:30	0.0	0.0	17:30			
17:31	0.0	0.0	17:31			
17:32	0.0	0.0	17:32			
17:33	0.0	0.0	17:33			

DAILY FIELD REPORT – Day 010

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Monday, July 01, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 72 to 78°F Wind: NNW @ 15 - 20 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	08:30 – 11:45 (3.25 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Oil-Absorbent Socks

PRESENT AT SITE:
Langan: Lisa Cristiano

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan removed absorbent socks that were previously installed in monitoring wells MW-002, MW-008 and MW-012 as part of the NAPL investigation. Langan weighed the removed socks using a scale to document the passive recovery of light non-aqueous phase liquid (LNAPL) from the wells. The following data was recorded:

Monitoring Well ID	Weight of Unused Sock (6/21/2024 - Pre LNAPL Recovery) (kg)	Weight of Sock (7/1/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-002	0.085	0.465	0.380
MW-008	0.080	0.130	0.050
MW-012	0.080	0.435	0.355

kg - kilogram

- An approximately 23-inch-thick layer of LNAPL was measured in MW-002.
- An approximately 13-inch-thick layer of viscous, black, immiscible liquid with a tar-like odor was measured in MW-008. No measurable groundwater was encountered within MW-008.
- LNAPL was not detected in MW-012.
- Langan replaced the absorbent socks in monitoring wells MW-002, MW-008, and MW-012, with clean, unused socks.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Community Air Monitoring

- Ground intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) was containerized in a 55-gallon drum. The drum was labeled and staged in the eastern part of the site pending off-site disposal.

Total Drum Count		
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**
7	5	1

Anticipated Activities

- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008 and MW-012 and will return to the site to document the LNAPL recovery during the week of July 8, 2024.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

Photo 1: Absorbent sock removed from MW-002

Photo 2: Absorbent sock removed from MW-008

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

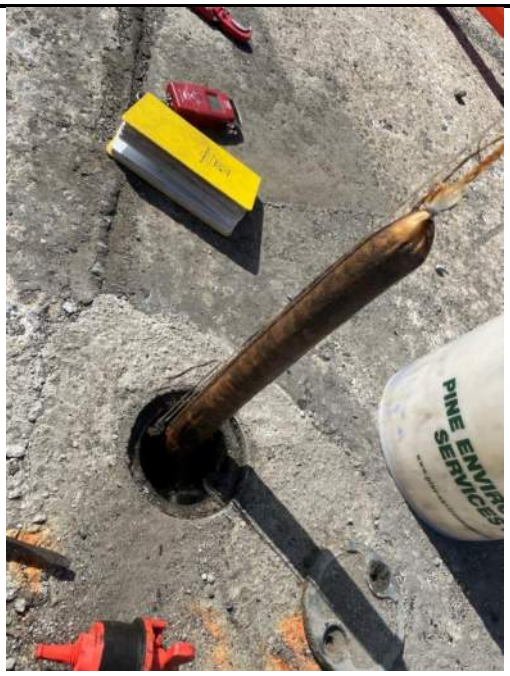


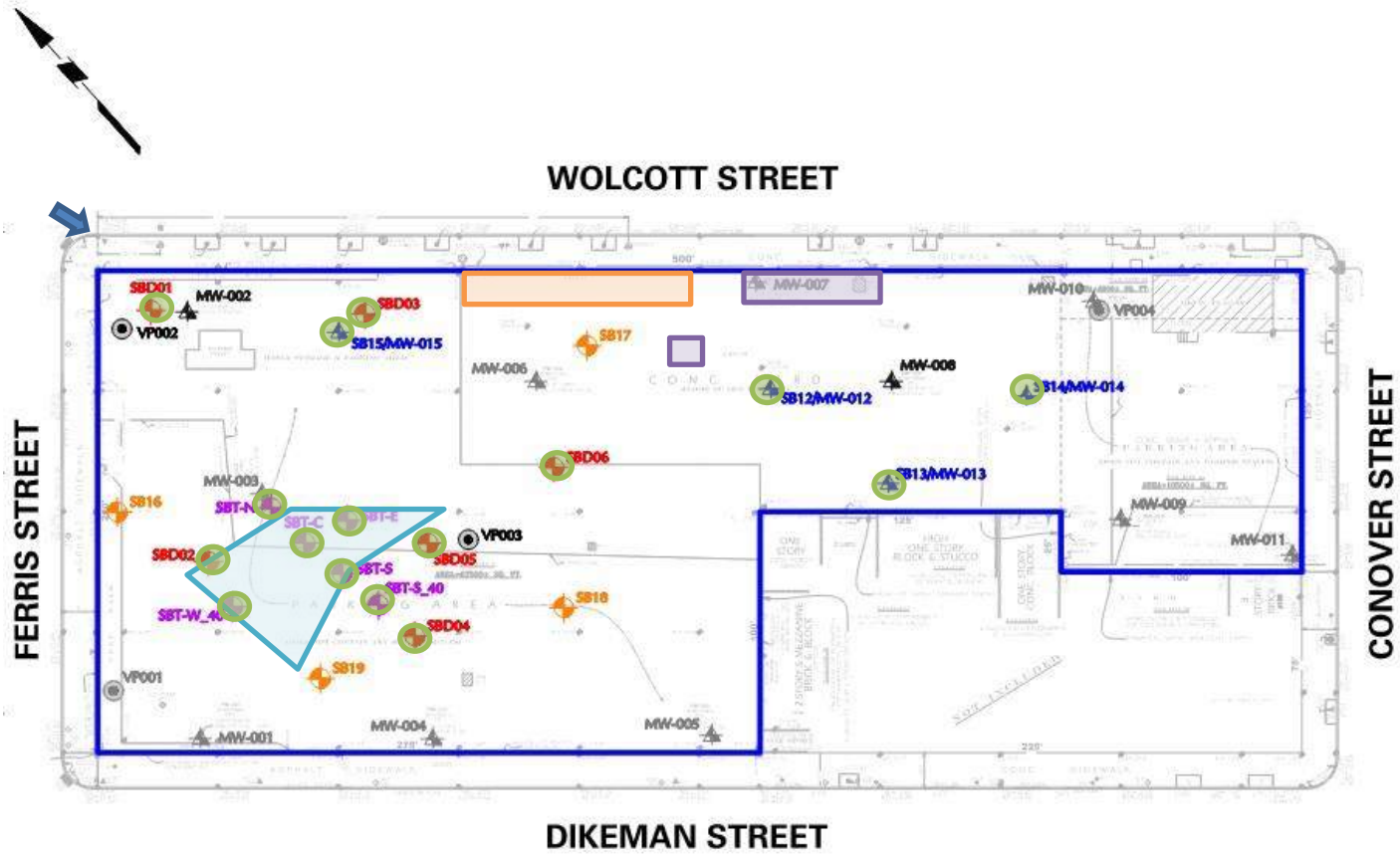
Photo 3: Absorbent sock removed from MW-012

Photo 4: Viscous, black, immiscible liquid encountered within MW-008

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Upwind CAMP Station
- Downwind CAMP Station
- Wind Direction
- Soil Boring and/or Monitoring Well Completed
- Proposed DNAPL Delineation Soil Boring and Monitoring Well Location
- Proposed Continency DNAPL Delineation Step-Out Soil Boring Location
- Proposed LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)
- Tar-like Material Investigation Area

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 011

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Monday, July 08, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 80 to 91°F Wind: NE @ 6 - 8 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	07:45 – 10:15 (2.5 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
1.5-inch x 2-foot Oil Absorbent Socks

PRESENT AT SITE:
Langan: Lisa Cristiano, Isaiah Ritchie

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan removed oil absorbent socks that were placed in monitoring wells MW-002, MW-008 and MW-012 on July 1, 2024. Langan weighed the used oil absorbent socks with a scale and recorded the following data:

Monitoring Well ID	Weight of Unused Oil Absorbent Sock (7/1/2024 - Pre LNAPL Recovery) (kg)	Weight of Used Oil Absorbent Sock (7/8/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-002	0.085	0.470	0.385
MW-008	0.070	0.145	0.075
MW-012	0.065	0.295	0.230

kg - kilogram

- At MW-002, LNAPL was detected in the monitoring well after removal of the absorbent sock. The LNAPL thickness measured was about 17 inches.
- Viscous, black, immiscible liquid with tar-like odor was observed on the Solinst oil-water interface probe after gauging MW-008. The interface probe did not indicate the presence of NAPL, based on the audible signal.
- At MW-008 and MW-012, LNAPL was not detected in the monitoring wells after removal of the absorbent socks.
- Langan replaced the absorbent socks in monitoring wells MW-002, MW-008, and MW-012, with clean, unused socks.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Community Air Monitoring

- Ground intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Used oil absorbent socks were containerized in a 55-gallon drum. The drum was labeled and staged in the eastern part of the site pending off-site disposal.

Total Drum Count		
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**
7	5	1

Anticipated Activities

- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008 and MW-012 and will return to the site to document the LNAPL recovery during the week of July 15, 2024.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

Photo 1: Oil absorbent sock removed from MW-002

Photo 2: Oil absorbent sock removed from MW-008

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

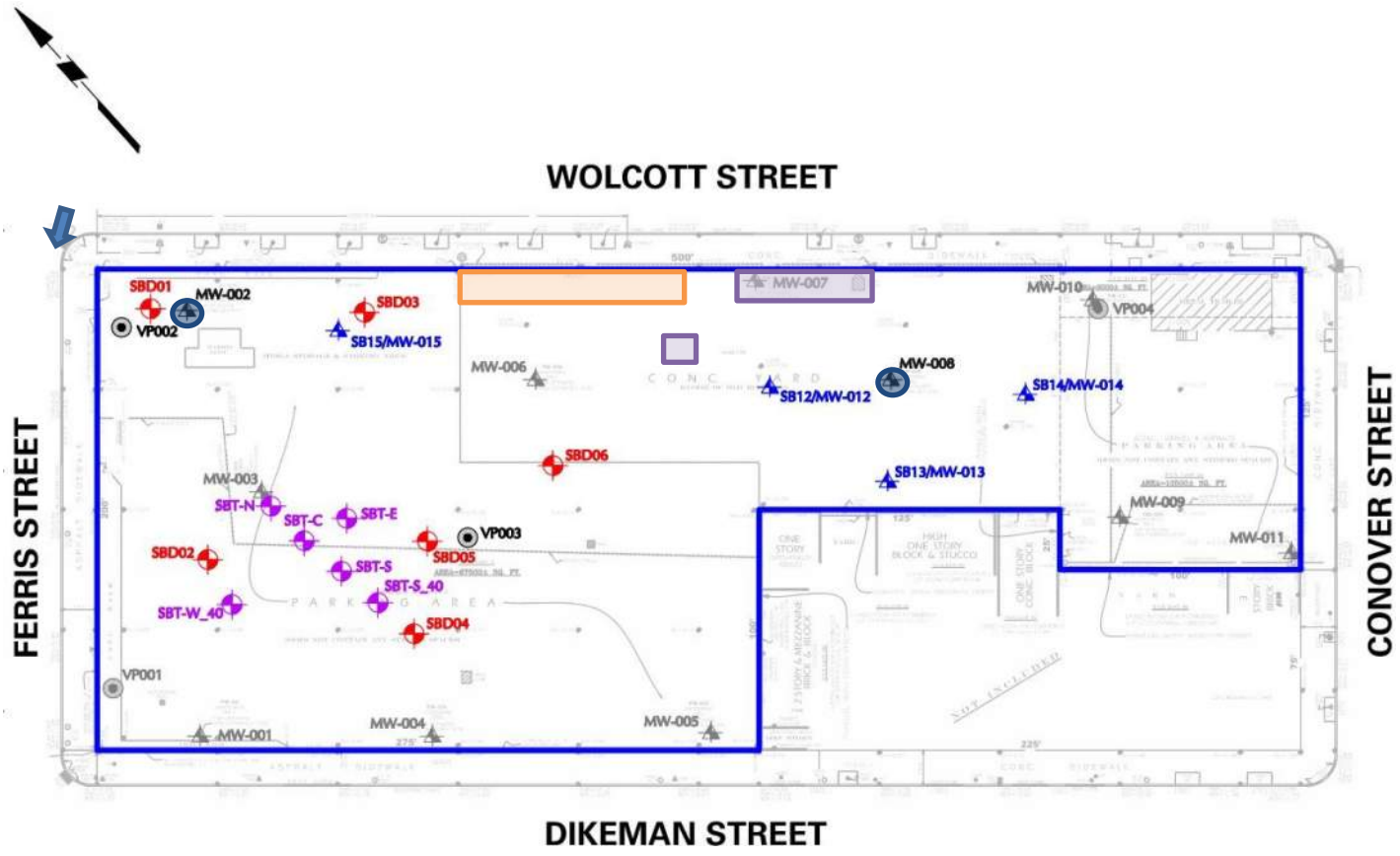
Photo 3: Oil absorbent sock removed from MW-012

Photo 4: Viscous, black, immiscible liquid encountered within MW-008

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well containing LNAPL
- DNAPL Delineation Soil Boring and Monitoring Well Location
- LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. IDW – Investigation-derived waste
3. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 012

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Monday, July 15, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 75 to 92°F Wind: S @ 6 - 11 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	10:30 – 15:00 (4.5 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
1.5-inch x 2-foot Oil Absorbent Socks

PRESENT AT SITE:
Langan: Andrew Ashley, Isaiah Ritchie

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation-approved May 22, 2024, Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan removed oil absorbent socks that were placed in monitoring wells MW-002, MW-008 and MW-012 on July 8, 2024. Langan weighed the used oil absorbent socks with a scale and recorded the following data:

Monitoring Well ID	Weight of Unused Oil Absorbent Sock (7/8/2024 - Pre LNAPL Recovery) (kg)	Weight of Used Oil Absorbent Sock (7/15/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-002	0.105	0.612	0.507
MW-008	0.090	0.136	0.046
MW-012	0.100	0.480	0.380

kg - kilogram

- Following removal of the absorbent socks, Langan gauged monitoring wells MW-002, MW-008, and MW-012 with a Solinst oil-water interface probe. The light non-aqueous phase liquid (LNAPL) thickness measured in monitoring wells MW-002, MW-008 and MW-012 was about 4.68 inches, 0.12 inches and 0.12 inches, respectively.
- Langan replaced the absorbent socks in monitoring wells MW-002, MW-008, and MW-012, with clean, unused socks.
- Langan gauged monitoring wells MW-006, MW-007, MW-010, MW-013, MW-014 and MW-015 with a Solinst oil-water interface probe. NAPL was not detected in the monitoring wells.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Andrew Ashley **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Community Air Monitoring

- Ground intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Used oil absorbent socks were containerized in a 55-gallon drum. The drum was labeled and staged in the eastern part of the site pending off-site disposal.

Total Drum Count		
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**
7	5	1

Anticipated Activities

- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008 and MW-012 and will return to the site to document the LNAPL recovery during the week of July 22, 2024.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Andrew Ashley **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

Photo 1: Oil absorbent sock removed from MW-002

Photo 2: Oil absorbent sock removed from MW-008

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Andrew Ashley **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

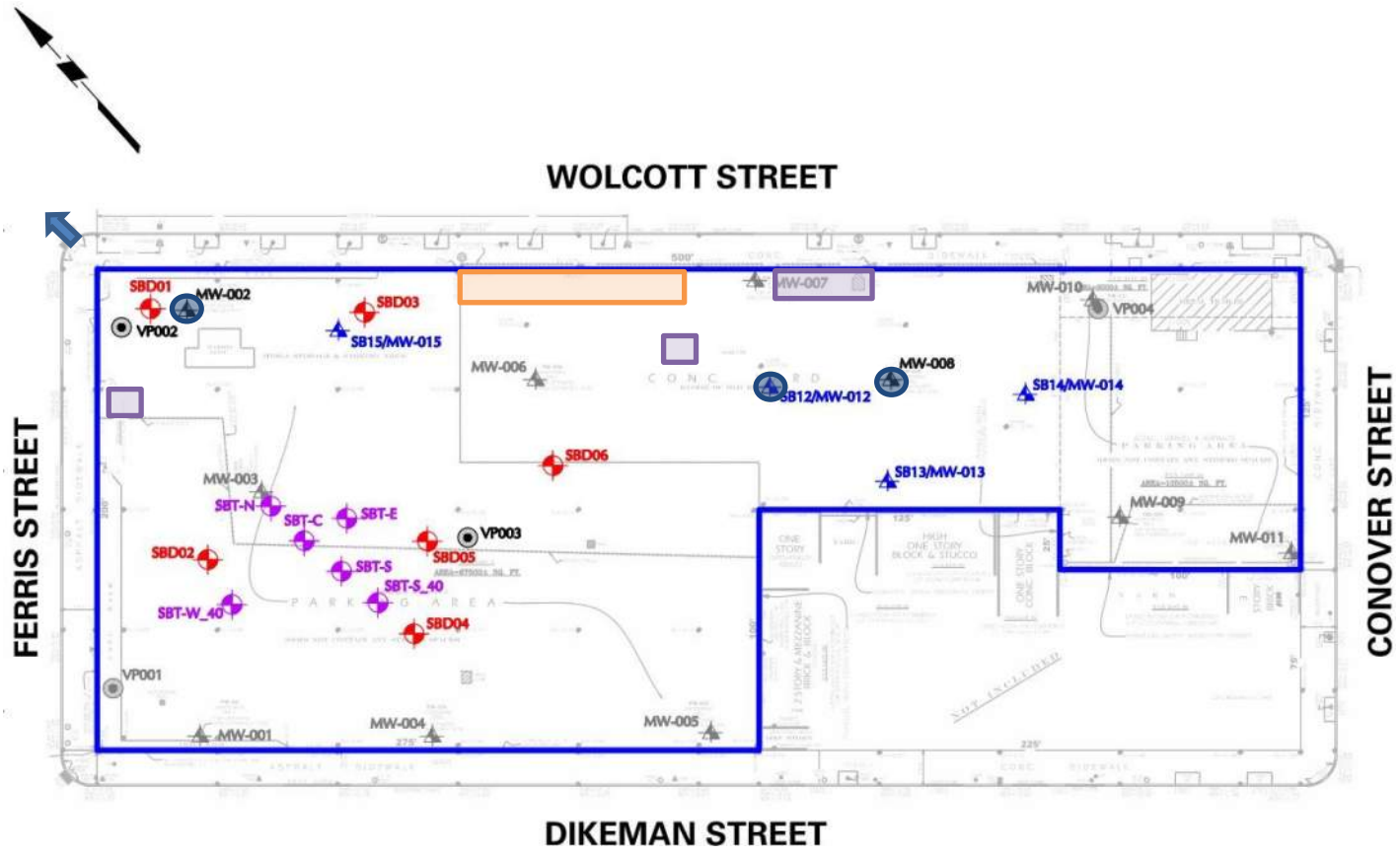
Photo 3: Oil absorbent sock removed from MW-012

Photo 4: Langan gauging monitoring well MW-010

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Andrew Ashley **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well containing LNAPL
- DNAPL Delineation Soil Boring and Monitoring Well Location
- LNAPL Soil Boring and Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. IDW – Investigation-derived waste
3. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Andrew Ashley
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT – Day 013

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, July 23, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 75 to 92°F Wind: NNW @ 5 - 7 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:30 – 03:15 (8.75 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Gabriella DeGennaro, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Patrick Slavin, Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance soil boring (SBD09) in the southern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD09** was advanced to a depth of about 20 feet below grade surface (bgs). A black and green stained soil with a sheen and odor was observed in soil recovered from about 5 to 20 feet bgs. Pooling of free-phase tar or petroleum product was observed within the sampling sleeve between 8 and 10 feet bgs. A maximum soil PID reading of 159.8 parts per million (ppm) was recorded at about 18 feet bgs.
        - Soil boring advancement was stopped at 20 feet bgs due to observations of water with a sheen surfacing from the borehole and adjacent boreholes up to 30 feet away. The boring was terminated, grouted to grade, and capped with bentonite.
    - Coastal contained and removed water from the concrete pavement in the northwestern and northeastern parts of the site using dry absorbent material (Zep Instant Spill Absorber) and oil-absorbent pads.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected grab sample of the from the free-phase tar or petroleum product observed at 8 to 10 feet bgs in SBD09 for laboratory analysis of Petroleum Hydrocarbon Identification via United States Environmental Protection Agency (USEPA) Method 8015D(M).
- The sample was relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the southwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
8	5	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Photographs:

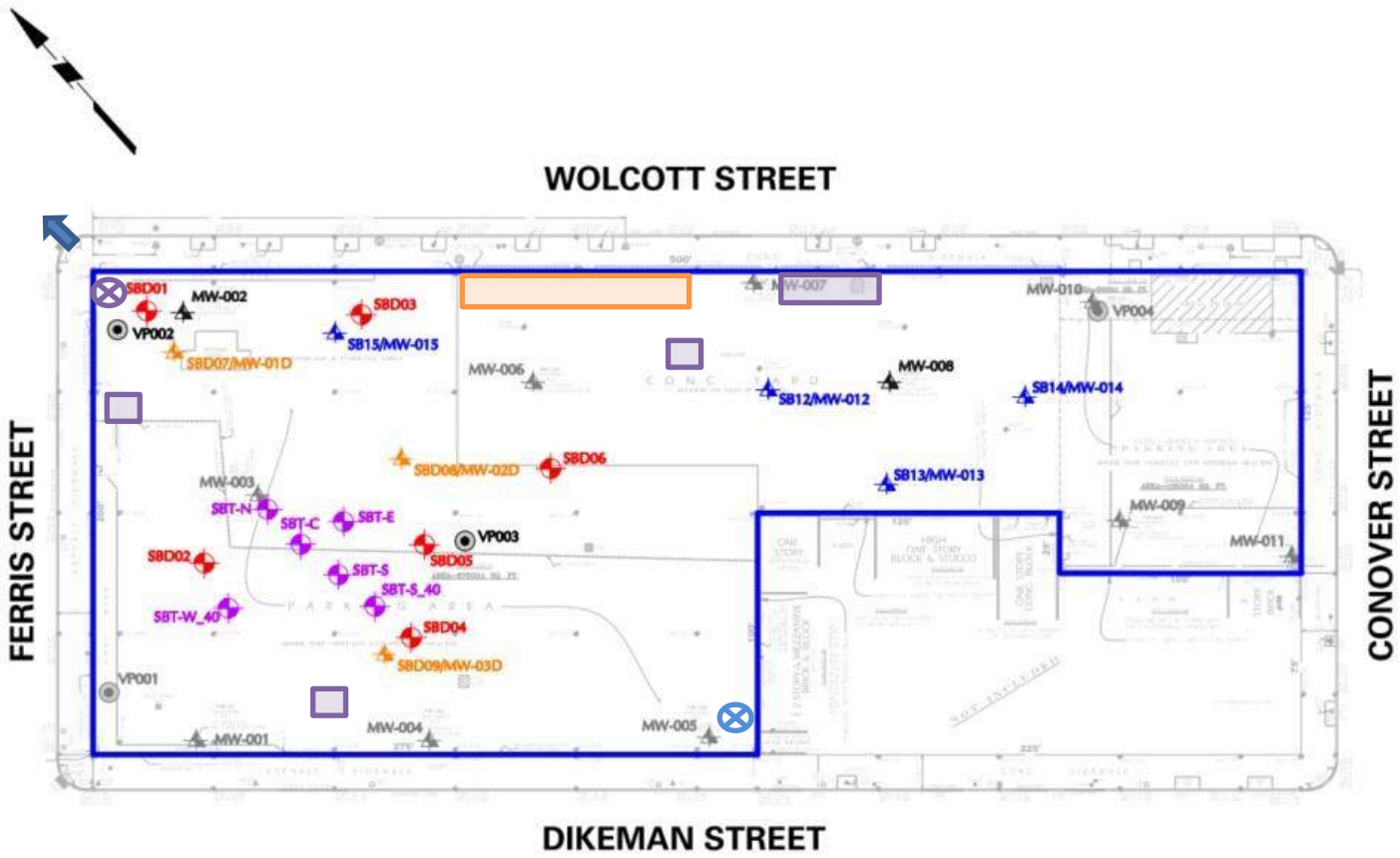
Photo 1: Coastal advancing soil boring SBD09 in the western part of the site (facing east)

Photo 2: Recovered stained soil from about 5 to 10 feet bgs at SBD09.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

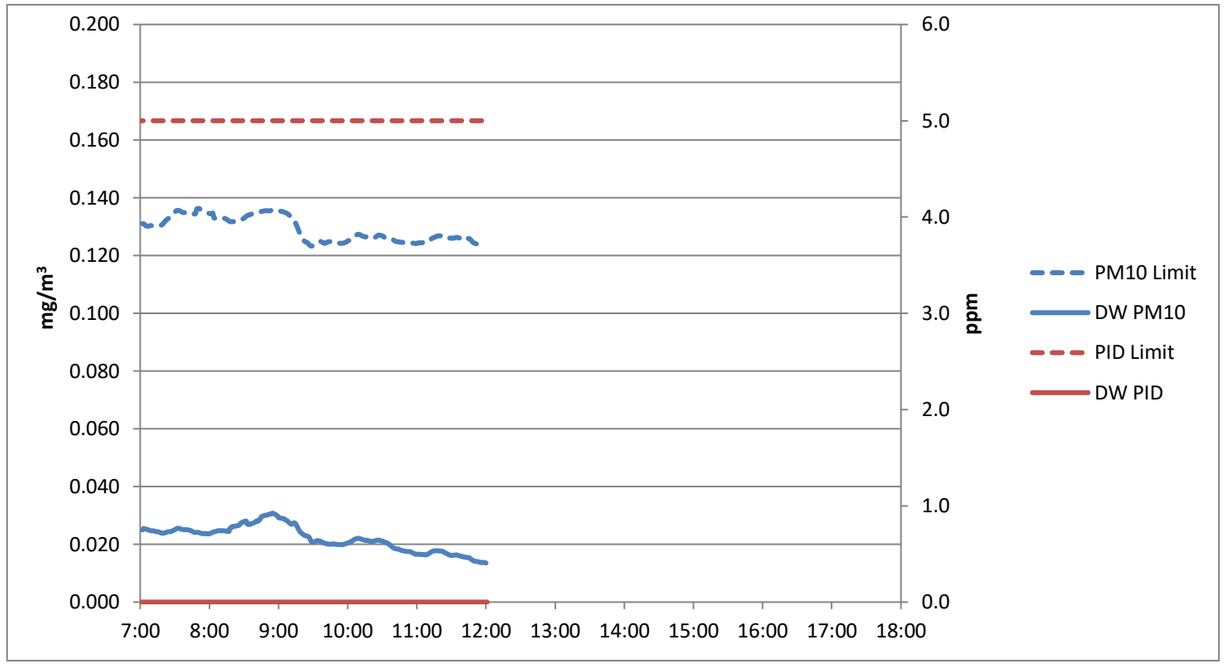
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/23/2024
Start: 6:54
End: 12:01
Observer: Gabriella DeGennaro

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.029	0.021
Minimum 15min Average	0.023	0.014
Maximum 15min Average	0.036	0.031
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.020	0.012
Maximum 1min Reading	0.056	0.043

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.0	0.0
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.0	0.0

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 014

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Wednesday, July 24, 2024
PROJECT No.:	170562203	**WEATHER:**	Cloudy/ Light Rain, 75 to 84°F Wind: NE @ 5 - 7 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:45 – 16:45 (9 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
1.5-inch x 1.5-foot Oil Absorbent Socks
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Gabriella DeGennaro, Camila Monter, Nick Palumbo, Stuart Knoop
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson
New York State Department of Environmental Conservation (NYSDEC): Steven Scharf

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- The NYSDEC was on site to perform a routine site visit.
- Coastal used a Versa-Sonic drill rig to advance one soil boring (SBD07) in the northwestern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD07** was advanced to a depth of about 20 feet below grade surface (bgs). A black and yellow tar-like material was observed from about 4.5 to 8 feet bgs. A maximum PID reading of 99.6 parts per million (ppm) was recorded at about 6 feet bgs.
        - Due to a mechanical issue with the drill rig (hydraulic hose failure), SBD07 was not completed to the proposed minimum depth of 90 feet bgs. The casing was left in-place within the borehole, and the boring and monitoring well will be completed at a later date.
- Langan removed oil absorbent socks that were placed in monitoring wells MW-008 and MW-012 on July 15, 2024. Langan weighed the used oil absorbent socks with a scale and recorded the following data:

Monitoring Well ID	Weight of Unused Oil Absorbent Sock (7/15/2024 - Pre LNAPL Recovery) (kg)	Weight of Used Oil Absorbent Sock (7/15/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-008	0.077	0.127	0.050
MW-012	0.059	0.413	0.354

kg - kilogram

- At MW-008, LNAPL was detected in the monitoring well after removal of the absorbent sock. The LNAPL thickness measured was about 7 inches thick.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

- At MW-012, LNAPL was detected in the monitoring well after removal of the sock. The LNAPL thickness measured was about 17 inches thick.
- Langan replaced the absorbent socks in monitoring wells MW-008, and MW-012, with clean, unused socks.
- Monitoring well MW-002 could not be accessed at the time of the gauging event and will be gauged during the week of 7/29/2024.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, nine 55-gallon drums and staged in the northern-central part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
17	5	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

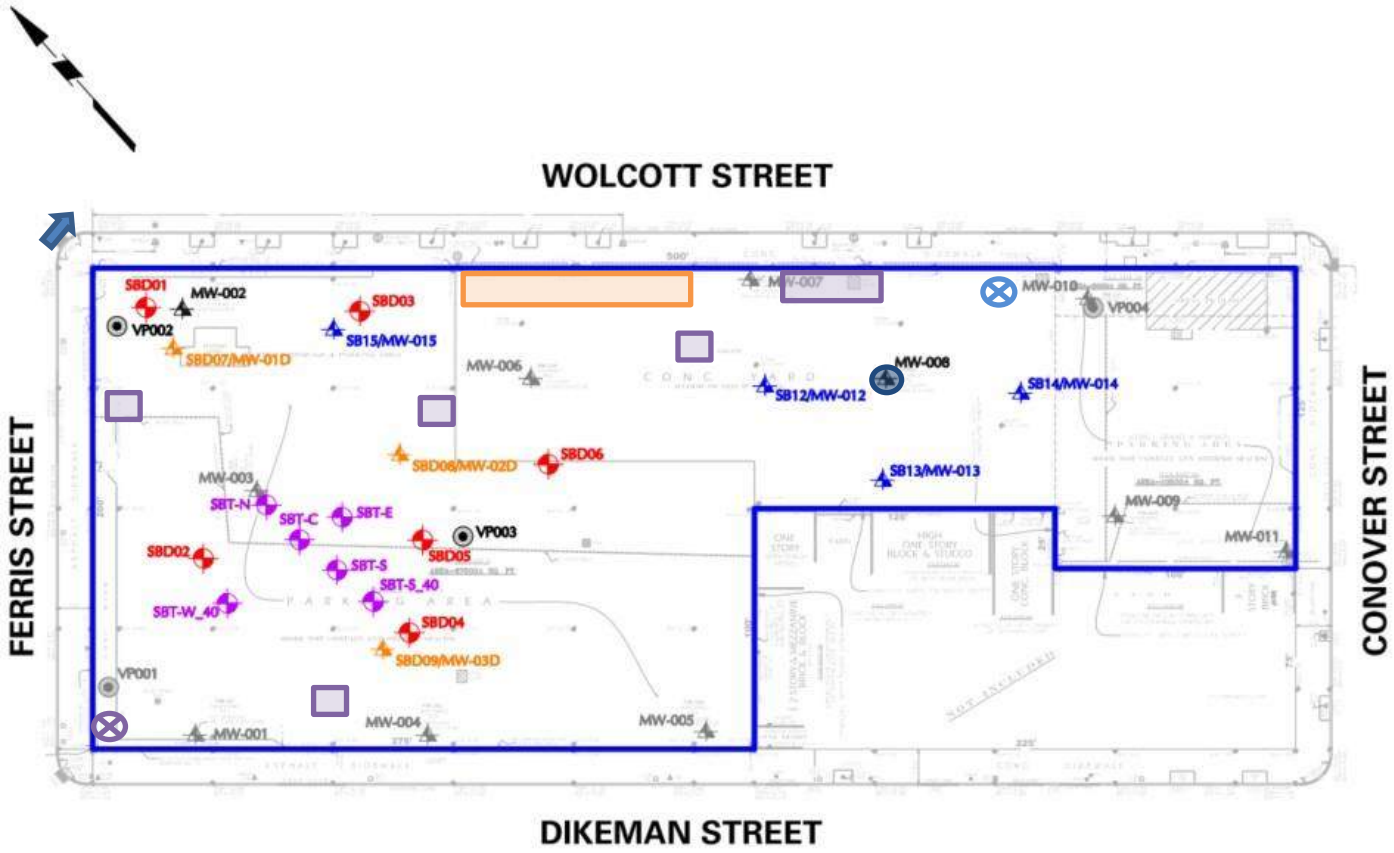
Photo 1: Coastal advancing soil boring SBD07 in the northern part of the site (facing north)

Photo 2: Oil absorbent sock removed from MW-012

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well containing LNAPL
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro
			Langan Eng, Env, Surv, L.A. & Geo, DPC

LANGAN

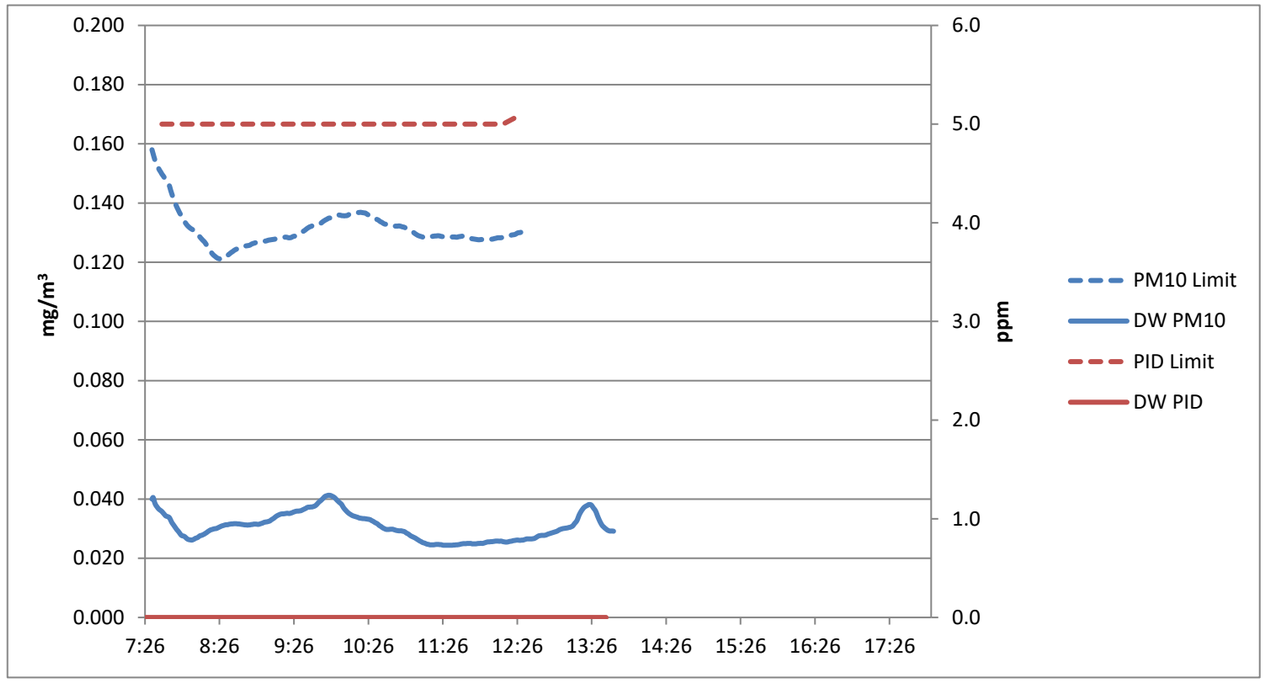
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/24/2024
Start: 7:26
End: 15:17
Observer: Gabriella DeGennaro

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.032	0.030
Minimum 15min Average	0.021	0.024
Maximum 15min Average	0.058	0.041
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.020	0.022
Maximum 1min Reading	0.058	0.047

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.1	0.1
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.2	1.2

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 015

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Thursday, July 25, 2024
PROJECT No.:	170562203	**WEATHER:**	Mostly cloudy, 75 to 84°F Wind: NE @ 5 - 7 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:45 – 11:15 (4.25 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Gabriella DeGennaro, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance one soil boring (SBD07) in the northwestern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD07** was advanced to a depth of about 80 feet below grade surface (bgs). A solvent-like odor was observed from 20 to 22 feet bgs. A maximum PID reading of 193.6 parts per million (ppm) was recorded at about 18 feet bgs. No sheen or staining were identified in soil.
        - Due to a mechanical issue with the drill rig (piston failure), SBD07 was not completed to the proposed minimum depth of 90 feet bgs. The casing was left in-place within the borehole, and the boring and monitoring well will be completed at a later date.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected two grab soil samples for analysis of Target Compound List (TCL) and NYSDEC Part 375-list volatile organic compounds (VOC) and semivolatile organic compounds (SVOC) from SBD07 at 65 to 67 feet and 75 to 77 feet bgs.
- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, two 55-gallon drums and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
18	6	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

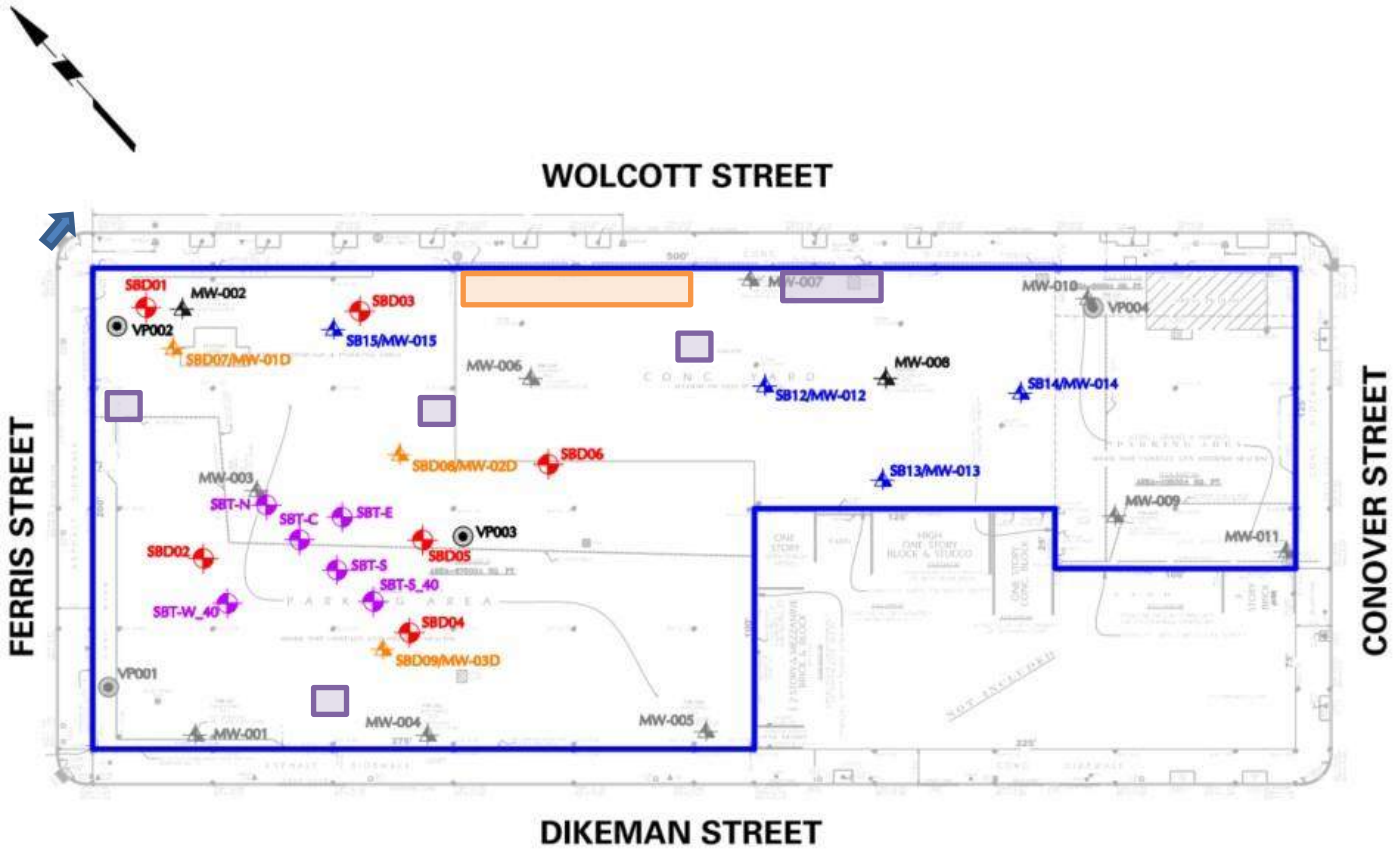
Photo 1: Coastal advancing soil boring SBD07 in the northern part of the site (facing north)

Photo 2: Soil boring core from about 65 to 70 feet bgs at SBD07.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro
			Langan Eng, Env, Surv, L.A. & Geo, DPC

LANGAN

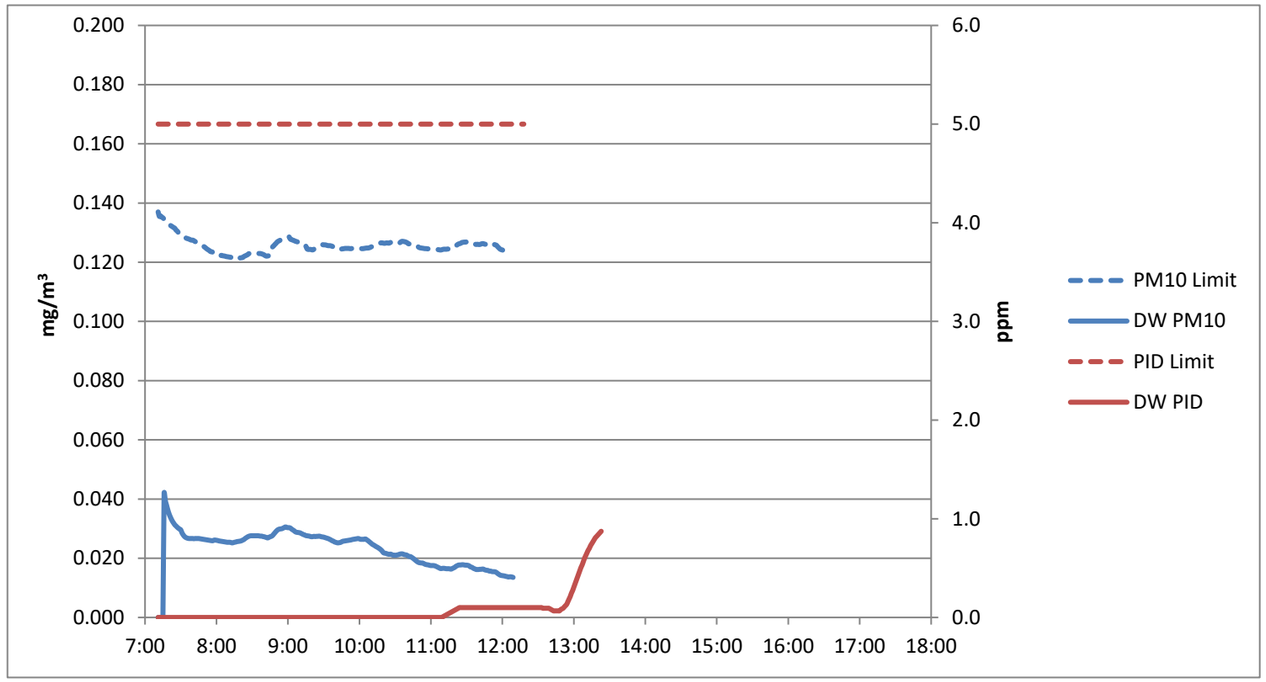
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/25/2024
Start: 7:11
End: 16:31
Observer: Gabriella DeGennaro

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.025	0.023
Minimum 15min Average	0.021	0.014
Maximum 15min Average	0.037	0.042
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.020	0.012
Maximum 1min Reading	0.039	0.033

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.3
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.0	1.2
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.0	1.2

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 016

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, July 30, 2024
PROJECT No.:	170562203	**WEATHER:**	Partly cloudy, 76 to 91°F Wind: S @ 6 - 14 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:40 – 15:20 (8.75 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Lisa Cristiano, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance two soil borings (SBD07 and SBD08) in the northern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD07** was advanced from a depth of 80 feet below grade surface (bgs) to 90-feet bgs. No impacts were observed.
    - **SBD08** was advanced to a depth of about 40 feet bgs. A tar-like odor and black staining was observed from 2.5 to 5 feet bgs. A creosote-like odor and black staining was observed from 10 to 14 and 16.5 to 17.5 feet bgs. A maximum PID reading of 146.9 parts per million (ppm) was recorded at about 4 feet bgs
        - Due to a mechanical issue with the drill rig (worn out threading), SBD08 was not completed to the proposed minimum depth of 90 feet bgs. The casing was left in-place within the borehole and drilling will resume tomorrow.
- Coastal installed a 2-inch-diameter monitoring well (MW-01D) at SBD07. The monitoring well was constructed of 10 feet of 10-slot (0.010-inch) polyvinyl chloride (PVC) well screen and a solid PVC riser.
    - MW-01D was screened from 80 to 90 feet bgs with a sump from 90 to 95 feet bgs.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected one grab soil sample from 85 to 87 feet bgs at SBD07 for analysis of Target Compound List (TCL) and NYSDEC Part 375-list volatile organic compounds (VOC) and semivolatile organic compounds (SVOC).

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, three 55-gallon drums and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents for 7/23**
20	7	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

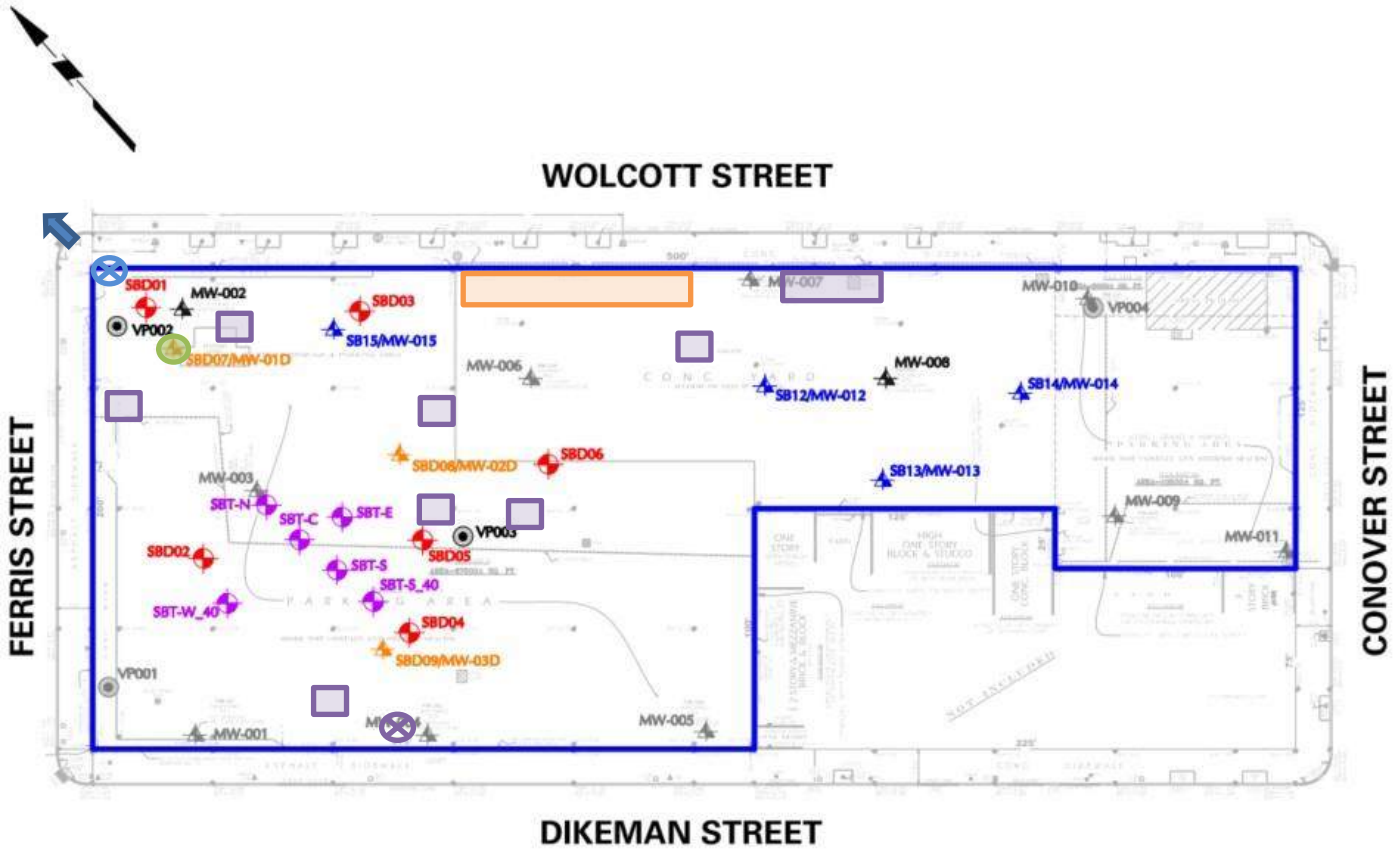
Photo 1: Coastal advancing soil boring SBD07 in the northern part of the site (facing northeast)

Photo 2: Monitoring well MW-01D installed in the northern part of the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

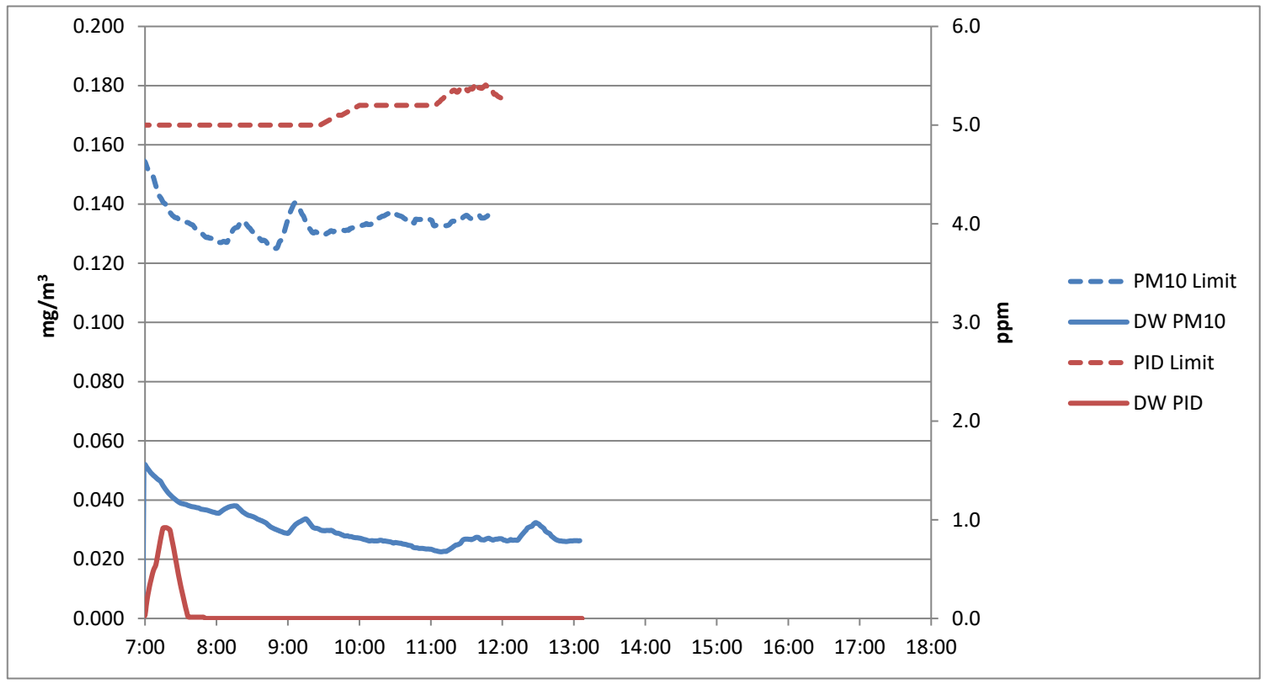
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/30/2024
Start: 6:53
End: 16:15
Observer: Lisa Cristiano

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.034	0.029
Minimum 15min Average	0.025	0.023
Maximum 15min Average	0.061	0.052
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.022	0.022
Maximum 1min Reading	0.061	0.042

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.1	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.4	0.9
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.7	1.0

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 017

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Wednesday, July 31, 2024
PROJECT No.:	170562203	**WEATHER:**	Partly cloudy, 79 to 94°F Wind: SW @ 8 - 18 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:40 – 16:00 (9.25 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Lisa Cristiano, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance one soil boring (SBD08) in the northern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD08** was advanced from a depth of 40 feet below grade surface (bgs) to 90 feet bgs. No impacts were observed.
- Coastal installed a 2-inch-diameter monitoring wells (MW-02D) at SBD08. The monitoring well was constructed of 10 feet of 10-slot (0.010-inch) polyvinyl chloride (PVC) well screen and a solid PVC riser.
    - MW-01D was screened from 80 to 90 feet bgs with a sump from 90 to 95 feet bgs. The well seal was installed about 2 feet above the screened interval, then grouted to grade surface.
- Langan removed oil absorbent socks that were placed in monitoring wells MW-002 on July 15, 2024, and MW-008 and MW-012 on July 24, 2024. Langan weighed the used oil absorbent socks with a scale and recorded the following data:

Monitoring Well ID	Weight of Unused Oil Absorbent Sock (7/24/2024 - Pre LNAPL Recovery) (kg)	Weight of Used Oil Absorbent Sock (7/31/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-002	0.073	0.455	0.382
MW-008	0.095	0.110	0.015
MW-012	0.090	0.280	0.190

kg - kilogram

- At MW-002, LNAPL was detected in the monitoring well after removal of the absorbent sock. The LNAPL thickness measured was about 3.84 inches thick.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

- At MW-008, LNAPL was detected in the monitoring well after removal of the sock. The LNAPL thickness measured was about 0.12 inches thick.
- At MW-012, LNAPL was not detected in the monitoring wells after removal of the absorbent socks
- Langan replaced the absorbent socks in monitoring wells MW-002, MW-008, and MW-012, with clean, unused socks.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected three grab soil samples from SBD08 at 65 to 67 feet, 76 to 78 feet, and 86 to 88 feet bgs for analysis of Target Compound List (TCL) and NYSDEC Part 375-list volatile organic compounds (VOC) and semivolatile organic compounds (SVOC).
- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, three 55-gallon drums and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
20	8	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

Photo 1: Coastal advancing soil boring SBD08 in the northern part of the site (facing east)

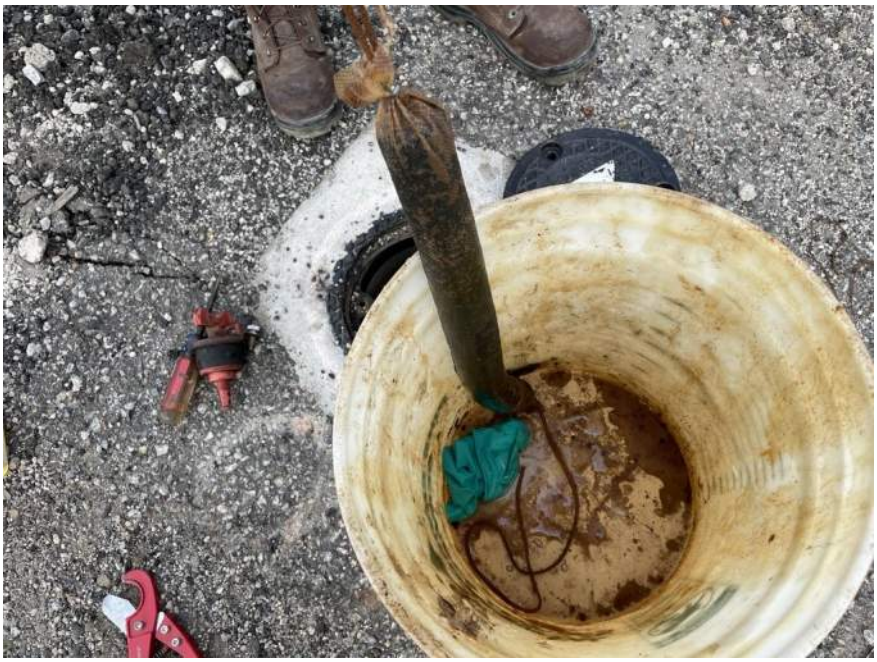
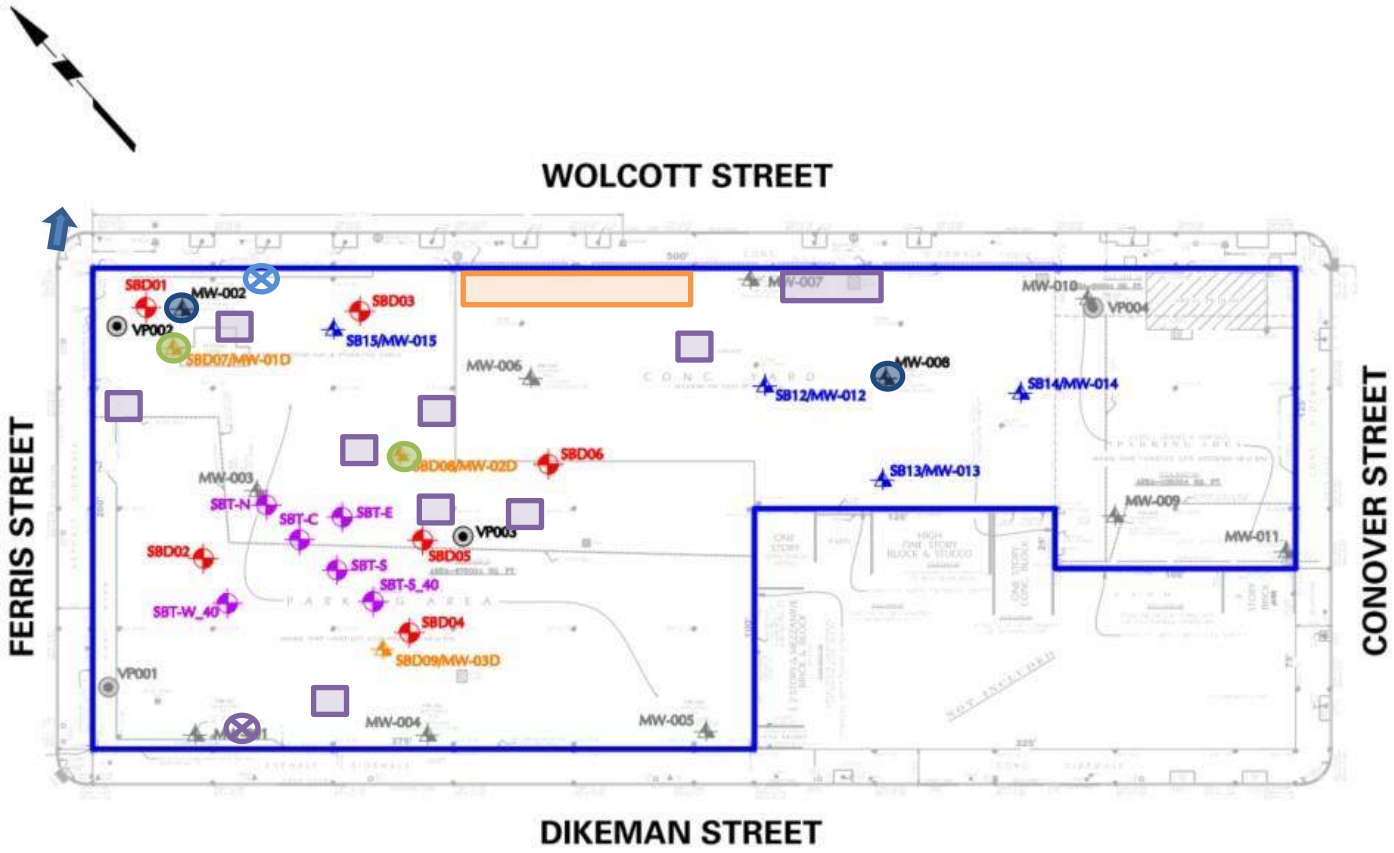


Photo 2: Oil absorbent sock removed from MW-002.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well containing LNAPL
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

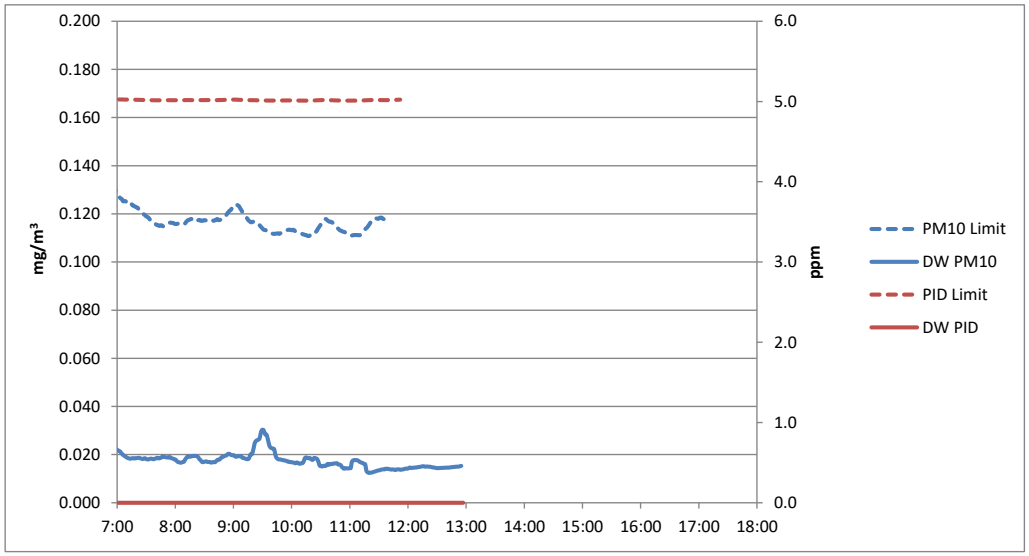
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/31/2024
Start: 6:43
End: 16:05
Observer: Lisa Cristiano

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.022	0.017
Minimum 15min Average	0.011	0.012
Maximum 15min Average	0.035	0.030
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.009	0.012
Maximum 1min Reading	0.036	0.049

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.0	0.0
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.0	1.0

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 018

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Thursday, August 01, 2024
PROJECT No.:	170562203	**WEATHER:**	Partly cloudy, 74 to 98°F Wind: SW @ 3 - 13 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:40 – 16:40 (10 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Lisa Cristiano, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance two soil boring (SBD09 and SB16) in the southwestern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD09** was advanced from a depth of 30 feet below grade surface (bgs) to 90 feet bgs. No impacts were observed.
    - **SB16** was advanced to a depth of 16 feet bgs. A tar-like odor and black stained soil was observed from 0 to 5 feet bgs, a petroleum-like odor and black stained soil was observed from 6 to 7 feet bgs, a citrus-like odor and yellow stained soil was observed from 7 to 7.5 feet bgs, and a creosote-like odor and black stained soil was observed from 7.5 to 8 feet bgs. A maximum PID reading of 103.8 parts per million (ppm) was recorded at about 6.5 feet bgs.
- Coastal installed two 2-inch-diameter monitoring wells (MW-03D and MW-03S) at SBD09 and SB16. The monitoring wells were constructed of 10 feet of 10-slot (0.010-inch) polyvinyl chloride (PVC) well screen and a solid PVC riser.
    - MW-03D was screened from 80 to 90 feet bgs with a sump from 90 to 95 feet bgs. The well seal was installed about 2 feet above the screened interval, then grouted to grade surface.
    - MW-03S was screened from 6 to 16 feet bgs. The well seal was installed about 2 feet above the screened interval, then grouted to grade surface.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Sampling

- Langan collected three grab soil samples from SBD09 at 65 to 67 feet, 75 to 77 feet, and 86 to 88 feet bgs for analysis of Target Compound List (TCL) and NYSDEC Part 375-list volatile organic compounds (VOC) and semivolatile organic compounds (SVOC).
- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, three 55-gallon drums and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Anticipated Activities

- Langan will gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S.
- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

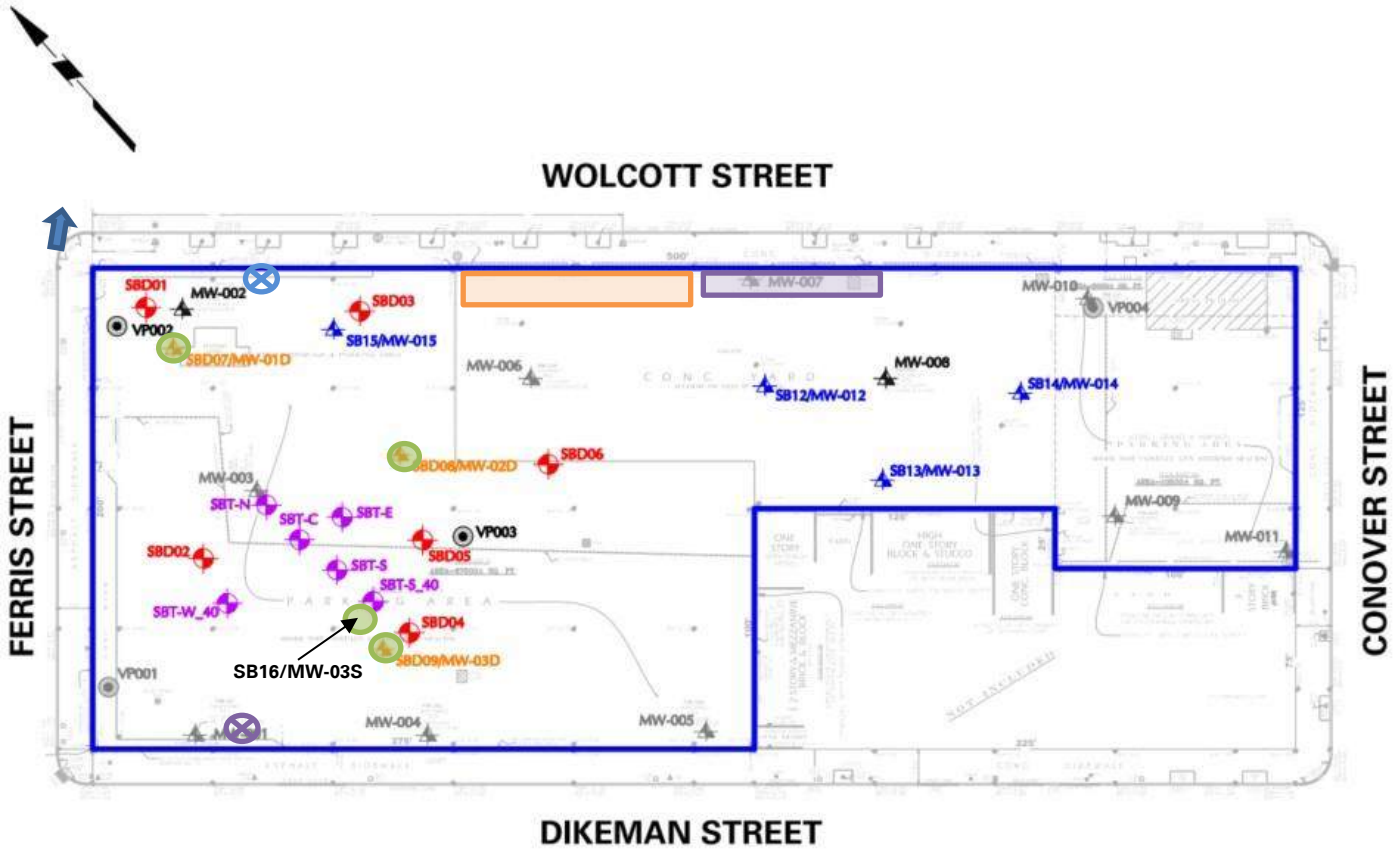
Photo 1: Coastal advancing soil boring SBD09 in the southwestern part of the site (facing south)

Photo 2: Installed monitoring well MW-03S in the southwestern part of the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well containing LNAPL
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 8/1/2024
Start: 6:41
End: 15:43
Observer: Lisa Cristiano

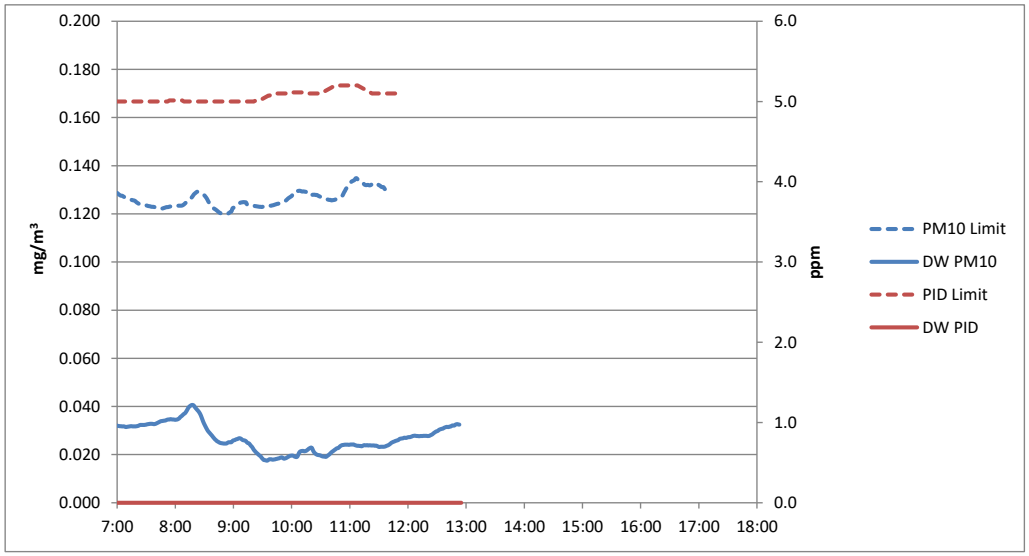
UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.030	0.028
Minimum 15min Average	0.020	0.018
Maximum 15min Average	0.047	0.041
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.019	0.016
Maximum 1min Reading	0.048	0.068

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise

Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.1	0.2
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.2	0.0
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.2	2.6

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise



DAILY FIELD REPORT – Day 019

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Friday, August 02, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 85 to 95°F Wind: SE @ 5 - 9 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	07:40 – 13:40 (6 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:	**PRESENT AT SITE:**
MiniRAE 3000 Photoionization Detector Solinst Oil-Water Interface Probe 1.5-inch x 2-foot Oil Absorbent Sock	**Langan:** Lisa Cristiano

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan used a Solinst oil-water interface probe to gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S. Dense non-aqueous phase liquid (DNAPL) was not detected in any monitoring wells. Light non-aqueous phase liquid (LNAPL) was detected in one monitoring well, as detailed below.
    - MW-03D: LNAPL thickness = 0.12 inches thick.
- Langan installed a clean, unused absorbent sock in monitoring well MW-03D.

Import and Export Tracking

- No material was exported or imported.

Sampling

- No samples were collected.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Anticipated Activities

- Langan will gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S.
- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

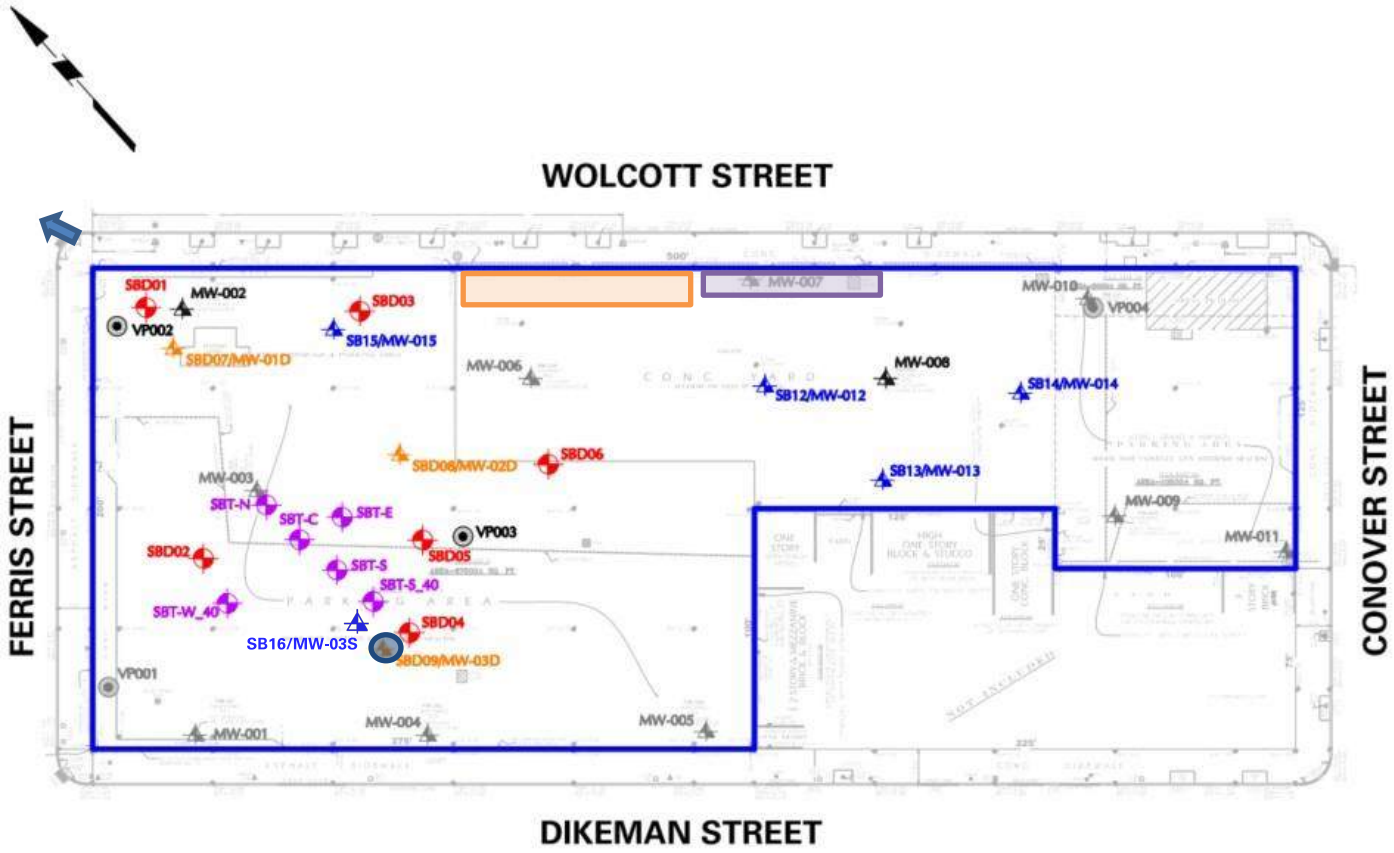
Photo 1: LNAPL encountered within monitoring well MW-03D.

Photo 2: Langan gauging monitoring well MW-01D (facing north).

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well Containing LNAPL
- DNAPL Delineation Soil Boring and Monitoring Well Location
- LNAPL Soil Boring and Monitoring Well Location
- DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 020

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Monday, August 05, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 76 to 91°F Wind: N @ 3 - 6 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:45 – 13:15 (6.5 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:	**PRESENT AT SITE:**
Solinst Oil-Water Interface Probe 1.5-inch x 2-foot Oil Absorbent Sock	**Langan:** Isaiah Ritchie

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan used a Solinst oil-water interface probe to gauge monitoring wells MW-01D, MW-02D, and MW-03S. Dense non-aqueous phase liquid (DNAPL) was not detected in any monitoring wells. Light non-aqueous phase liquid (LNAPL) was not detected in any monitoring wells.
    - Monitoring well MW-03D was not gauged due to an oil-absorbent sock obstructing the pathway for the interface probe. The oil absorbent sock with not properly tied off and could not be removed for gauging. Langan will return to the site on August 6, 2024 with equipment to remove the sock and complete gauging.

Import and Export Tracking

- No material was exported or imported.

Sampling

- No samples were collected.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Isaiah Ritchie **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Anticipated Activities

- Langan will gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S.
- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Isaiah Ritchie **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

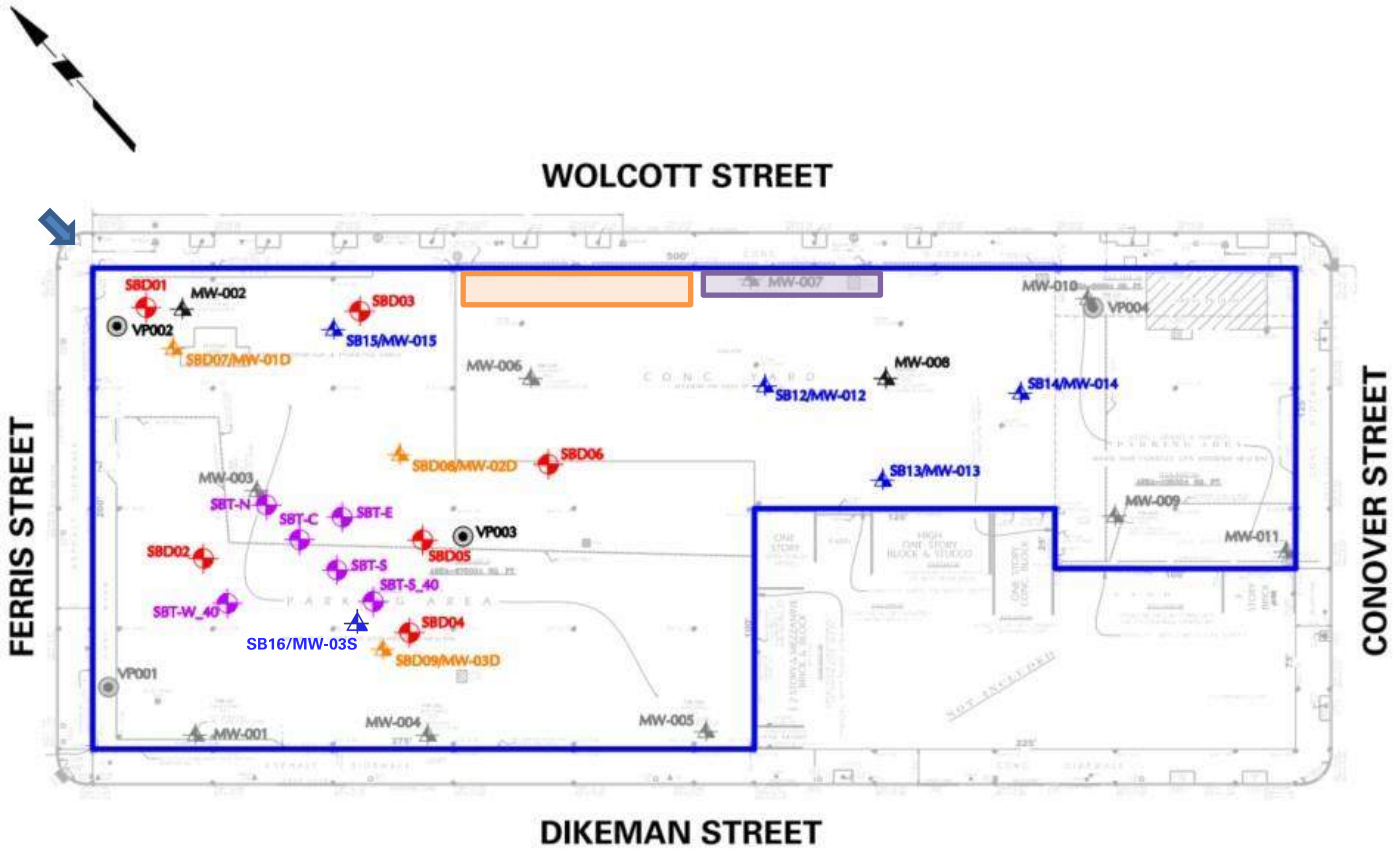
Photo 1: Interface probe after gauging well MW-02D.

Photo 2: J-Plug condition of well MW-03S.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Isaiah Ritchie
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well Containing LNAPL
- DNAPL Delineation Soil Boring and Monitoring Well Location
- LNAPL Soil Boring and Monitoring Well Location
- DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Isaiah Ritchie **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 020

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, August 06, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny/Rainy, 75 to 89°F Wind: WSW @ 4 - 6 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	11:30 – 15:15 (~3.75 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
1.5-inch x 2-foot Oil Absorbent Sock

PRESENT AT SITE:
Langan: Savannah Walters

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan removed oil absorbent socks that were placed in monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S on August 5, 2024. Langan replaced the absorbent sock in monitoring well MW-03D with a clean, unused sock.
- Langan used a Solinst oil-water interface probe to gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S. Neither dense non-aqueous phase liquid (DNAPL) or light non-aqueous phase liquid (LNAPL) was detected in any monitoring wells; however, a sheen was observed on the interface probe after gauging MW-03D.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Anticipated Activities

- Langan will gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S.
- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

Photo 1: Langan gauging monitoring well MW-02D.

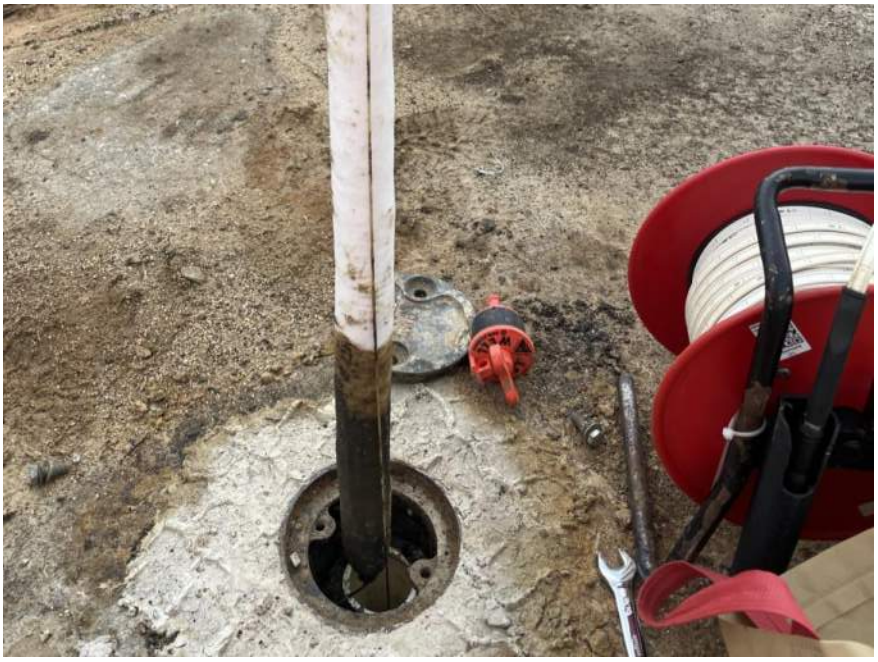
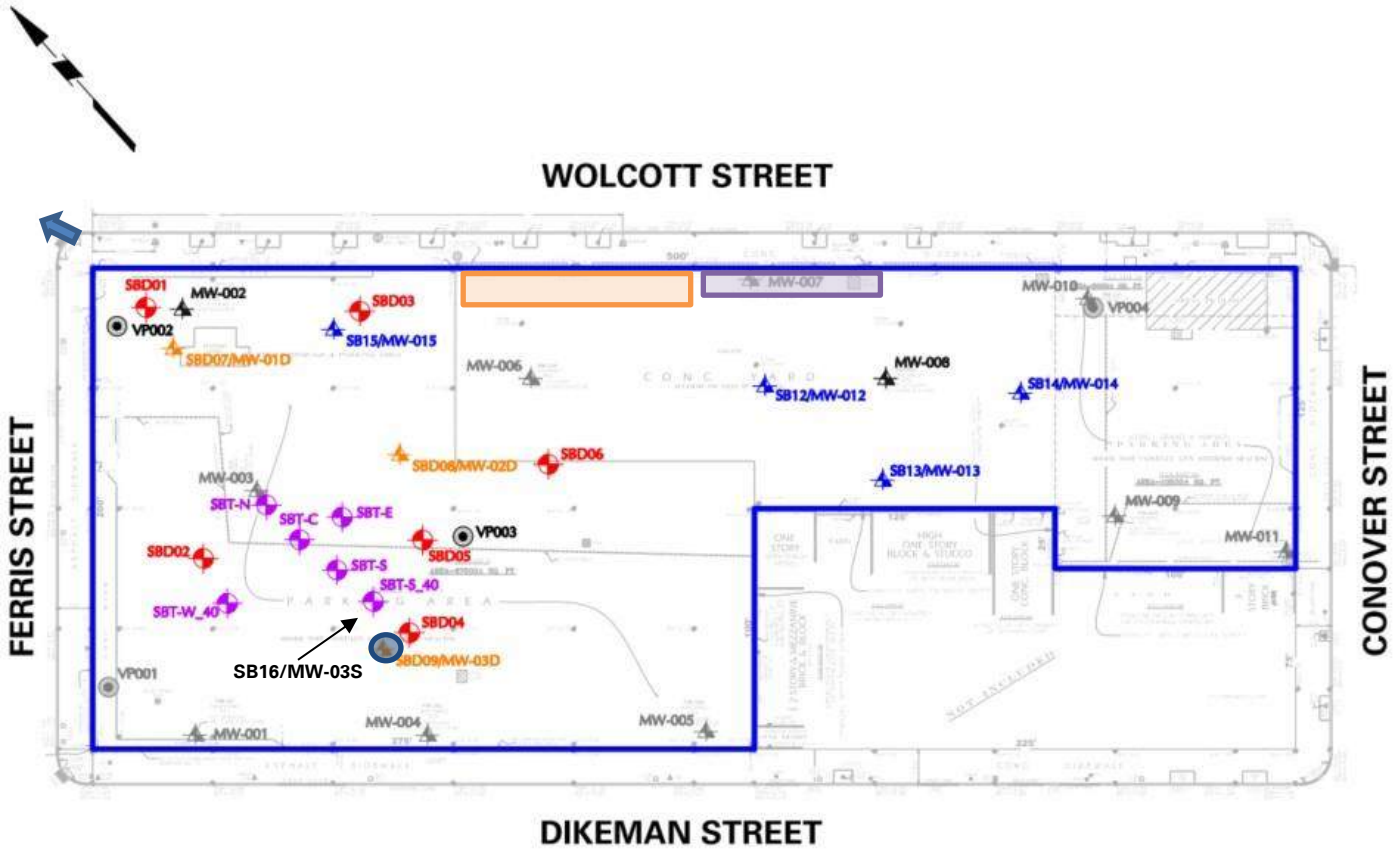


Photo 2: Oil absorbent sock removed from monitoring well MW-01D.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well Containing LNAPL
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 021

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Wednesday, August 07, 2024
PROJECT No.:	170562203	**WEATHER:**	Rainy, 69°F Wind: NE @ 9 - 13 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	09:30 – 16:45 (7.25 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
1.5-inch x 2-foot Oil Absorbent Sock

PRESENT AT SITE:
Langan: Savannah Walters

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan removed oil absorbent socks that were placed in monitoring wells MW-002, MW-008, and MW-014 on July 31, 2024. Langan weighed the used oil absorbent socks with a scale and recorded the following data:

Monitoring Well ID	Weight of Unused Oil Absorbent Sock (7/31/2024 - Pre LNAPL Recovery) (kg)	Weight of Used Oil Absorbent Sock (8/7/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-002	0.090	0.603	0.513
MW-008	0.080	0.249	0.169
MW-012	0.080	0.150	0.070

kg - kilogram

- Langan removed the oil-absorbent sock that was placed in monitoring well MW-03D on August 6, 2024.
- Langan used a Solinst oil-water interface probe to gauge monitoring wells MW-01D, MW-02D, MW-03D, MW-03S, MW-002, MW-008, and MW-014.
    - At MW-002, LNAPL was detected in the monitoring well after removal of the absorbent sock. The LNAPL thickness measured was about 0.12 inches.
    - A sheen was observed on the interface probe after gauging MW-03D.
- Langan replaced the socks in monitoring wells MW-03D, MW-002, MW-008, and MW-012 with a clean, unused sock in each monitoring well.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Sampling

- No samples were collected.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Anticipated Activities

- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

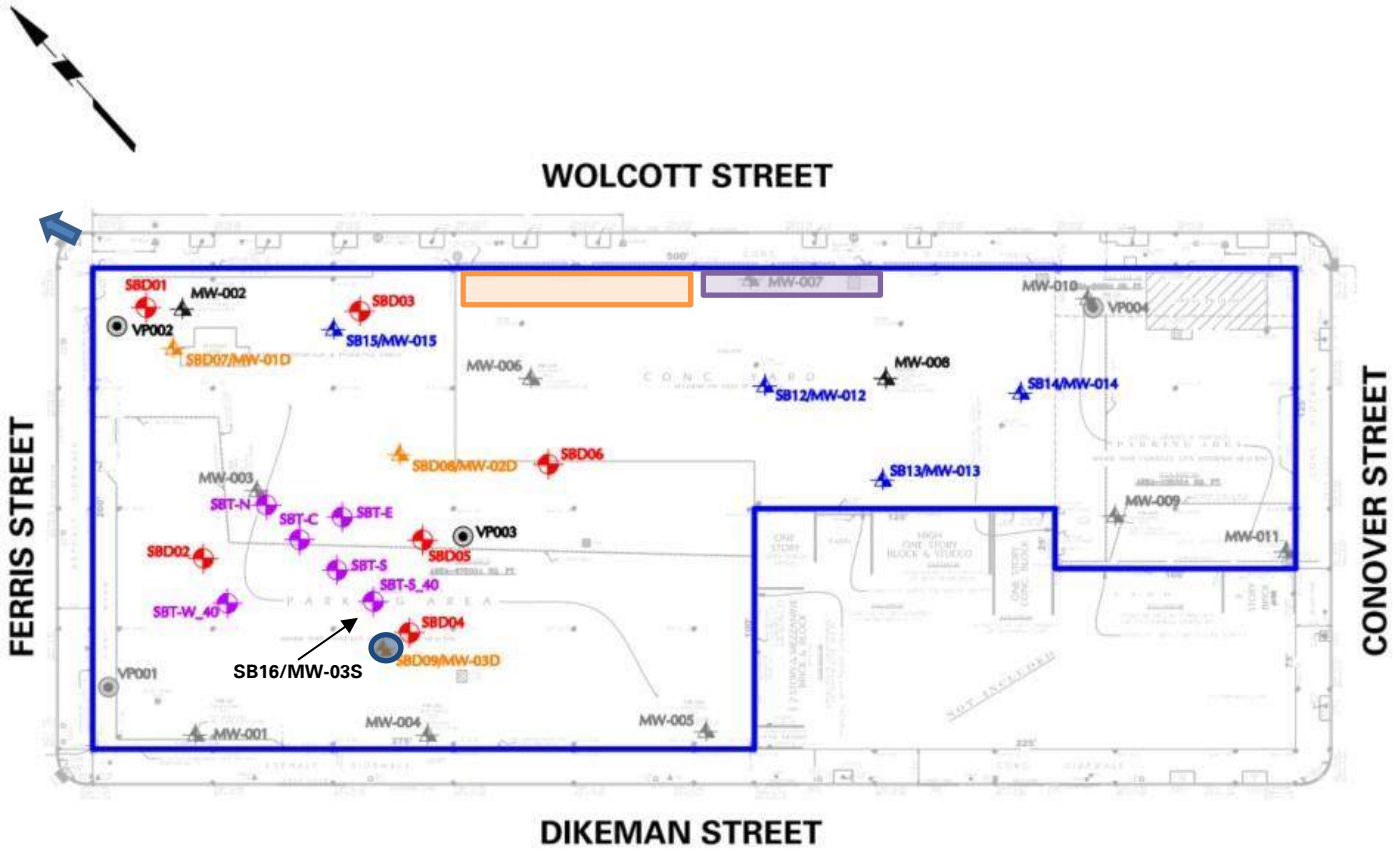
Photo 1: Oil absorbent sock removed from monitoring well MW-012.

Photo 2: Oil absorbent sock removed from monitoring well MW-002.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well Containing LNAPL
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT – Day 022

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, August 13, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 68-84°F Wind: NNW @ 3 - 13 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	07:15 – 17:45 (10.5 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Geotech Geosub 2 Pump
Solinst 410 Peristaltic Pump
Sonde Horiba U52-2 Water Quality Meter

PRESENT AT SITE:
Langan: Lisa Cristiano, Olivia O'Donnell, William Bohrer, Laura Grose

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan collected groundwater samples and associated quality assurance and quality control (QA/QC) samples from monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S. Samples from MW-01D, MW-02D, and MW-03S were collected in general accordance with the United States Environmental Protection Agency's (USEPA) Low-Flow Groundwater Sampling Procedure.
- A photoionization detector (PID) reading of 0.0 parts per million (ppm) was measured in the headspace of monitoring well MW-01D. Groundwater was measured at 8.81 feet below the top of the well casing (bTOC). Purged groundwater was light brown to clear, and no odor was apparent.
- A PID reading of 0.0 ppm was measured in the headspace of monitoring well MW-02D. Groundwater was measured at 10.84 feet bTOC. Purged groundwater was clear, and no odor was apparent.
- A PID reading of 0.0 ppm was measured in the headspace of monitoring well MW-03D. LNAPL was detected in at a depth of 11.82 feet bTOC and groundwater was measured at 11.92 feet bTOC. The LNAPL thickness measured was about 1.2 inches. Purged groundwater was green with an organic odor.
    - Due to the presence of LNAPL in MW-03D, the purged groundwater was not pumped through the flow cell and field parameters were not collected. Three well volumes were purged from MW-03D prior to sample collection.
- A PID reading of 7.8 ppm was measured in the headspace of monitoring well MW-03S. Groundwater was measured at 11.60 feet bTOC. Purged groundwater was green with an organic odor.
    - A sheen was observed on the purged groundwater at MW-03S. One well volume was purged from MW-3S and the sheen was no longer apparent. Following the initial well purge, Langan proceeded to collect the groundwater sample in accordance with the USEPA Low-Flow Groundwater Sampling Procedure.
- Purged groundwater was containerized in one 55-gallon drum for future off-site disposal.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

- Langan used an oil-water interface probe to gauge 21 monitoring wells at the site. Light non-aqueous phase liquid (LNAPL) was detected in two monitoring wells, as detailed below:
    - MW-03D: LNAPL thickness = 0.1 feet
    - MW-003: LNAPL thickness = 0.1 feet
    - MW-008: LNAPL thickness = 0.03 feet
    - MW-012: LNAPL thickness = 0.1 feet
    - MW-013: LNAPL thickness = 0.2 feet
- Langan placed clean, unused oil-absorbent socks in monitoring wells MW-03D, MW-003, and MW-013.
- Langan replaced the oil-absorbent socks in monitoring wells MW-008 and MW-012 with clean, unused socks.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected four groundwater samples (including QA/QC samples) from MW-01D, MW-02D, MW-03D and MW-03S for analysis of Target Compound List and NYSDEC Part 375-list volatile organic compounds and semivolatile organic compounds.
- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	12	1	9

Anticipated Activities

- Langan will coordinate off-site disposal of the IDW to a facility permitted to accept the waste.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-03D, MW-003, MW-008, MW-012, and MW-013 on a monthly basis.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

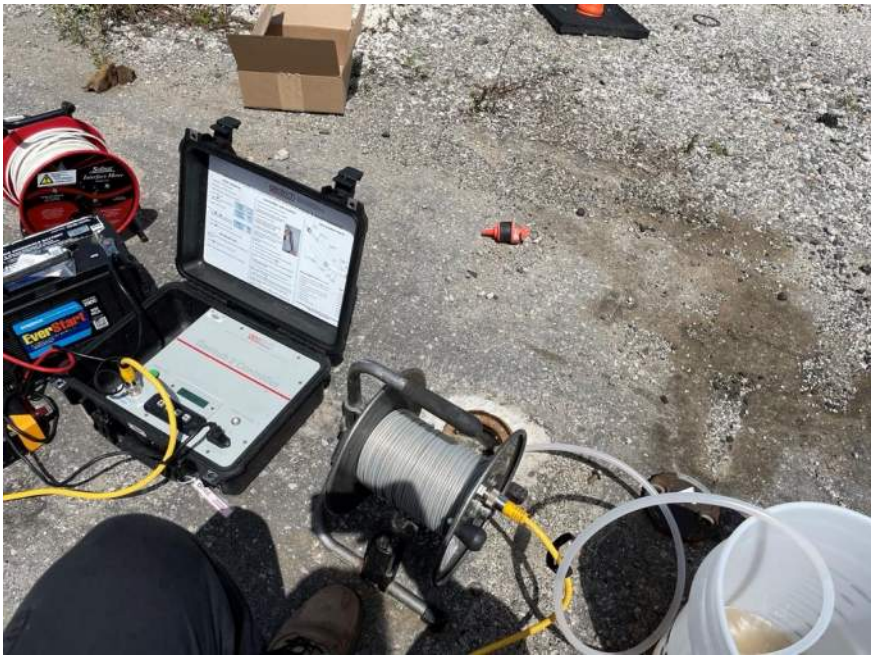


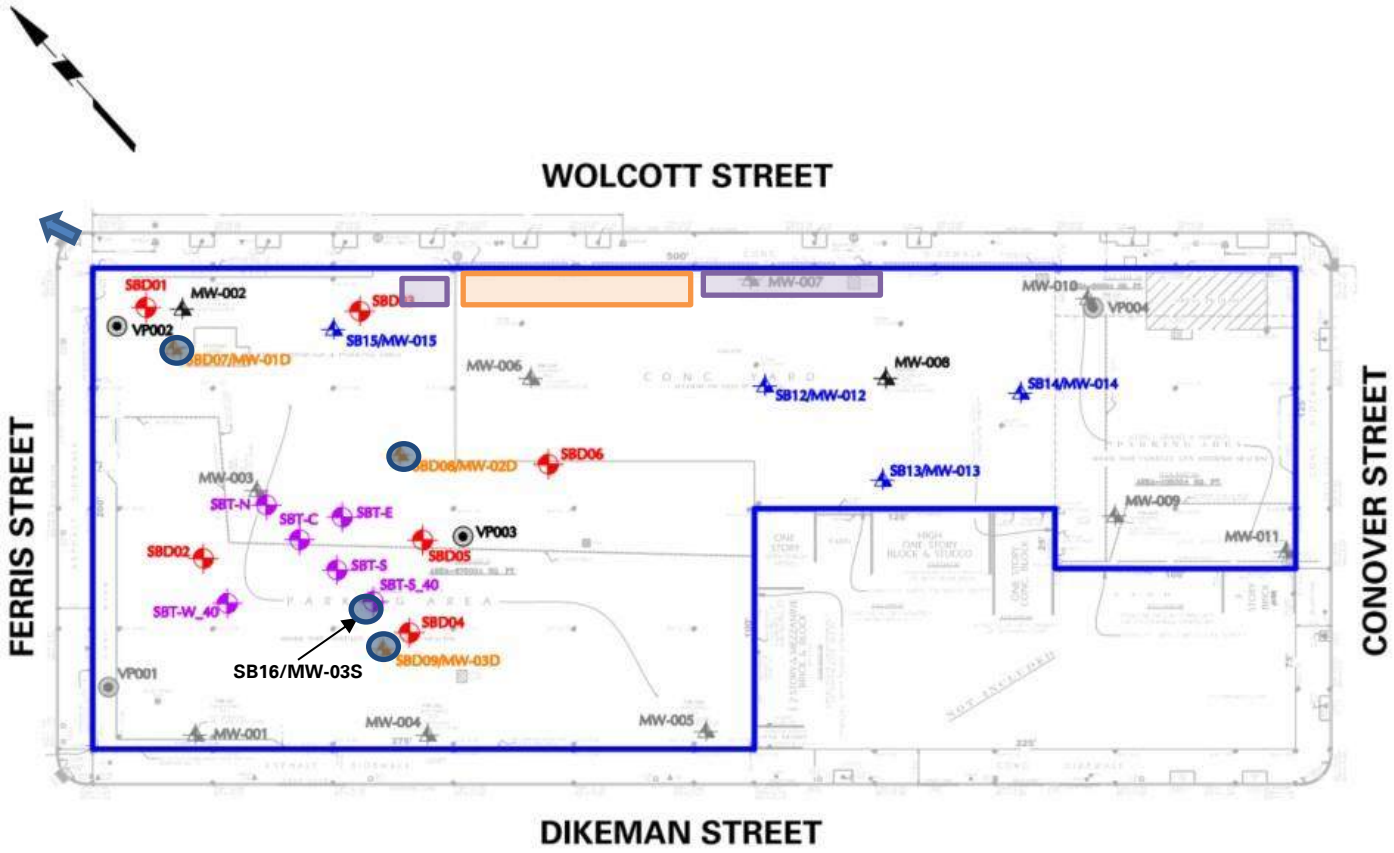
Photo 1: Langan purging groundwater from monitoring well MW-02D in the central part of the site.

Photo 2: Langan purging groundwater from monitoring well MW-03D in the western part of the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Sampled Monitoring Well
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 013

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, July 23, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 75 to 92°F Wind: NNW @ 5 - 7 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:30 – 03:15 (8.75 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Gabriella DeGennaro, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Patrick Slavin, Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance soil boring (SBD09) in the southern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD09** was advanced to a depth of about 20 feet below grade surface (bgs). A black and green stained soil with a sheen and odor was observed in soil recovered from about 5 to 20 feet bgs. Pooling of free-phase tar or petroleum product was observed within the sampling sleeve between 8 and 10 feet bgs. A maximum soil PID reading of 159.8 parts per million (ppm) was recorded at about 18 feet bgs.
        - Soil boring advancement was stopped at 20 feet bgs due to observations of water with a sheen surfacing from the borehole and adjacent boreholes up to 30 feet away. The boring was terminated, grouted to grade, and capped with bentonite.
    - Coastal contained and removed water from the concrete pavement in the northwestern and northeastern parts of the site using dry absorbent material (Zep Instant Spill Absorber) and oil-absorbent pads.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected grab sample of the from the free-phase tar or petroleum product observed at 8 to 10 feet bgs in SBD09 for laboratory analysis of Petroleum Hydrocarbon Identification via United States Environmental Protection Agency (USEPA) Method 8015D(M).
- The sample was relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the southwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
8	5	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Photographs:

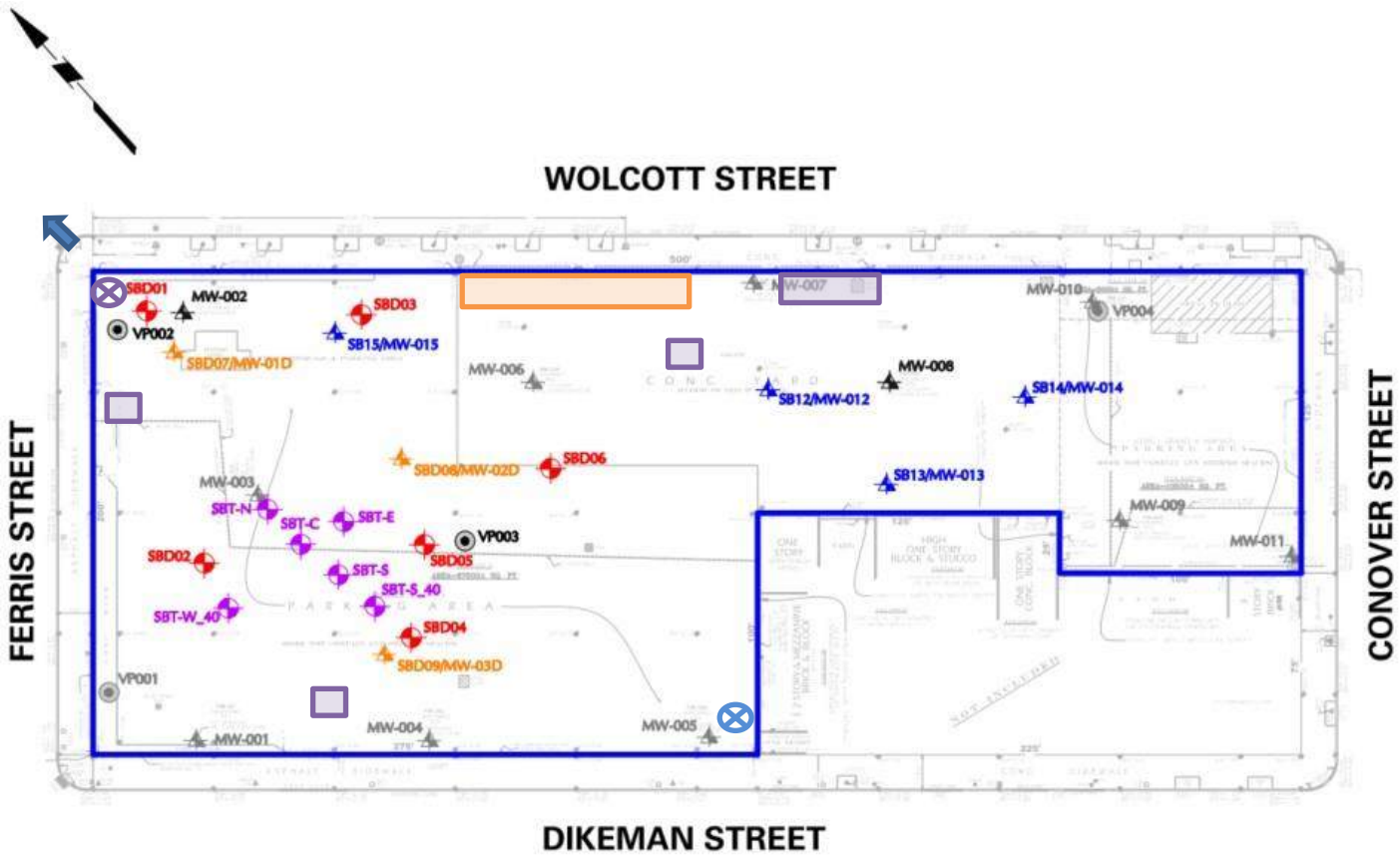
Photo 1: Coastal advancing soil boring SBD09 in the western part of the site (facing east)

Photo 2: Recovered stained soil from about 5 to 10 feet bgs at SBD09.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

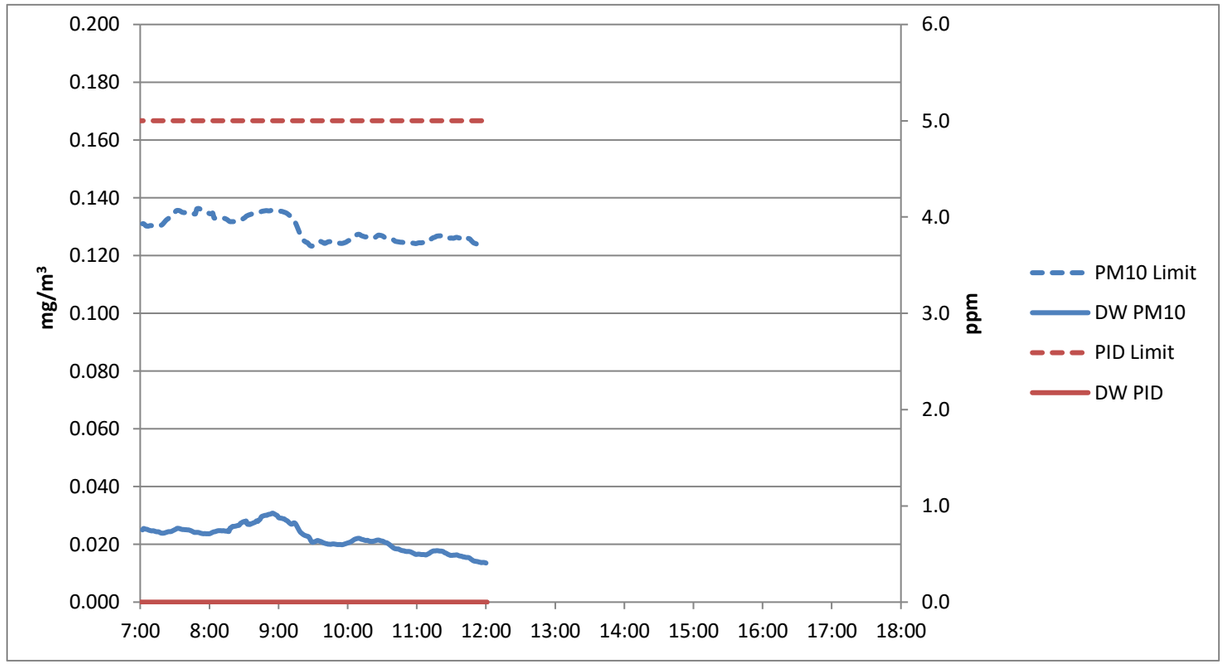
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/23/2024
Start: 6:54
End: 12:01
Observer: Gabriella DeGennaro

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.029	0.021
Minimum 15min Average	0.023	0.014
Maximum 15min Average	0.036	0.031
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.020	0.012
Maximum 1min Reading	0.056	0.043

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.0	0.0
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.0	0.0

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 014

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Wednesday, July 24, 2024
PROJECT No.:	170562203	**WEATHER:**	Cloudy/ Light Rain, 75 to 84°F Wind: NE @ 5 - 7 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:45 – 16:45 (9 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
1.5-inch x 1.5-foot Oil Absorbent Socks
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Gabriella DeGennaro, Camila Monter, Nick Palumbo, Stuart Knoop
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson
New York State Department of Environmental Conservation (NYSDEC): Steven Scharf

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- The NYSDEC was on site to perform a routine site visit.
- Coastal used a Versa-Sonic drill rig to advance one soil boring (SBD07) in the northwestern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD07** was advanced to a depth of about 20 feet below grade surface (bgs). A black and yellow tar-like material was observed from about 4.5 to 8 feet bgs. A maximum PID reading of 99.6 parts per million (ppm) was recorded at about 6 feet bgs.
        - Due to a mechanical issue with the drill rig (hydraulic hose failure), SBD07 was not completed to the proposed minimum depth of 90 feet bgs. The casing was left in-place within the borehole, and the boring and monitoring well will be completed at a later date.
- Langan removed oil absorbent socks that were placed in monitoring wells MW-008 and MW-012 on July 15, 2024. Langan weighed the used oil absorbent socks with a scale and recorded the following data:

Monitoring Well ID	Weight of Unused Oil Absorbent Sock (7/15/2024 - Pre LNAPL Recovery) (kg)	Weight of Used Oil Absorbent Sock (7/15/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-008	0.077	0.127	0.050
MW-012	0.059	0.413	0.354

kg - kilogram

- At MW-008, LNAPL was detected in the monitoring well after removal of the absorbent sock. The LNAPL thickness measured was about 7 inches thick.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

- At MW-012, LNAPL was detected in the monitoring well after removal of the sock. The LNAPL thickness measured was about 17 inches thick.
- Langan replaced the absorbent socks in monitoring wells MW-008, and MW-012, with clean, unused socks.
- Monitoring well MW-002 could not be accessed at the time of the gauging event and will be gauged during the week of 7/29/2024.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, nine 55-gallon drums and staged in the northern-central part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
17	5	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

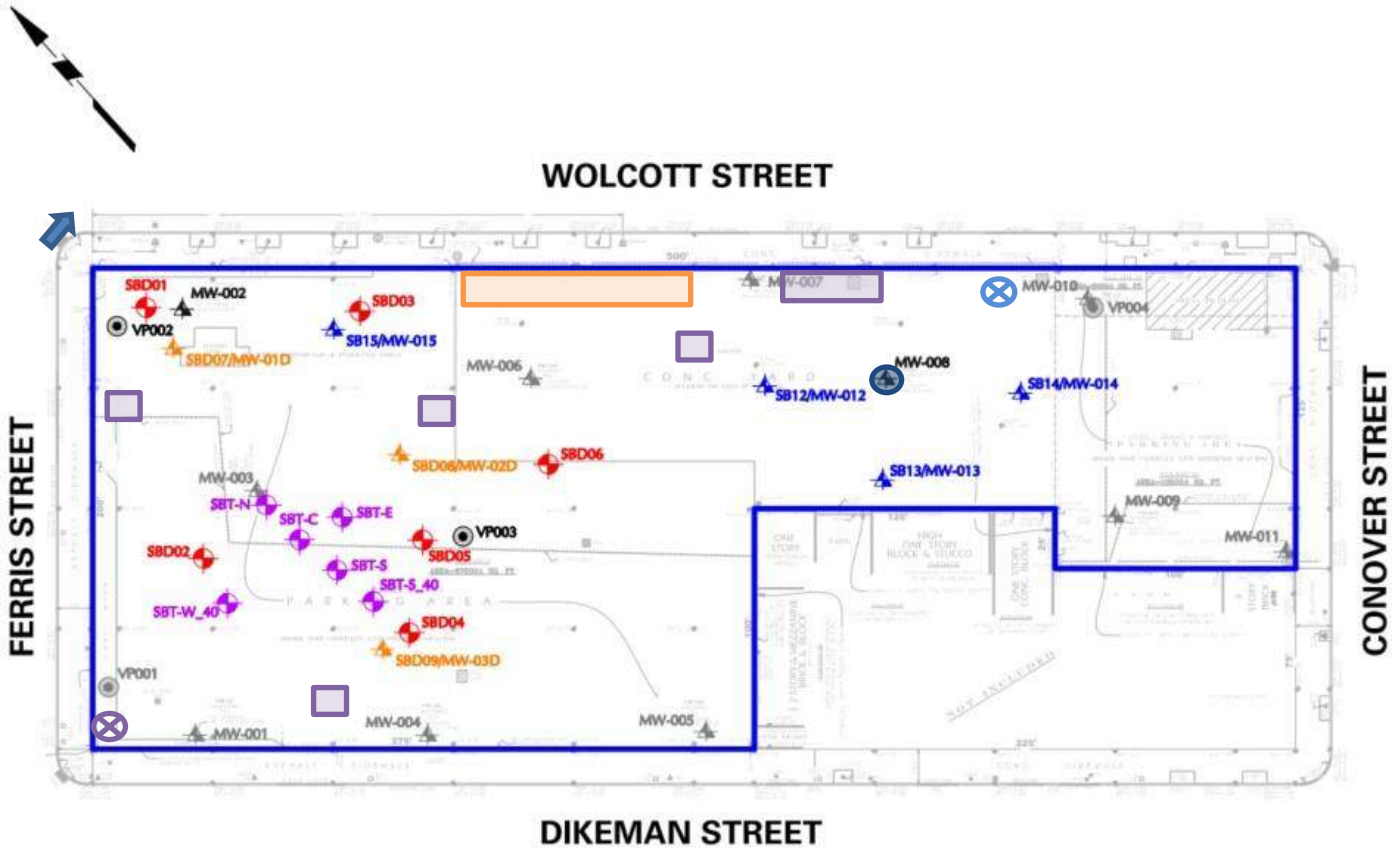
Photo 1: Coastal advancing soil boring SBD07 in the northern part of the site (facing north)

Photo 2: Oil absorbent sock removed from MW-012

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well containing LNAPL
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro
			Langan Eng, Env, Surv, L.A. & Geo, DPC

LANGAN

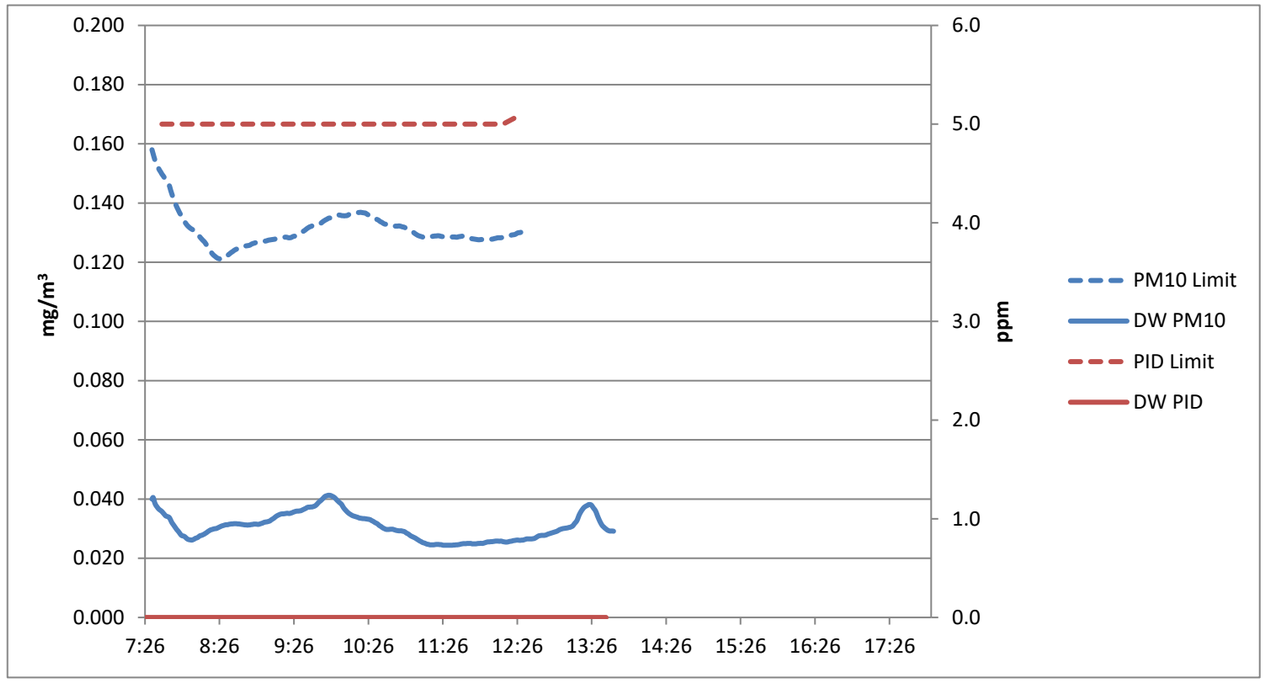
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/24/2024
Start: 7:26
End: 15:17
Observer: Gabriella DeGennaro

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.032	0.030
Minimum 15min Average	0.021	0.024
Maximum 15min Average	0.058	0.041
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.020	0.022
Maximum 1min Reading	0.058	0.047

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.1	0.1
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.2	1.2

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 015

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Thursday, July 25, 2024
PROJECT No.:	170562203	**WEATHER:**	Mostly cloudy, 75 to 84°F Wind: NE @ 5 - 7 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:45 – 11:15 (4.25 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Gabriella DeGennaro, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance one soil boring (SBD07) in the northwestern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD07** was advanced to a depth of about 80 feet below grade surface (bgs). A solvent-like odor was observed from 20 to 22 feet bgs. A maximum PID reading of 193.6 parts per million (ppm) was recorded at about 18 feet bgs. No sheen or staining were identified in soil.
        - Due to a mechanical issue with the drill rig (piston failure), SBD07 was not completed to the proposed minimum depth of 90 feet bgs. The casing was left in-place within the borehole, and the boring and monitoring well will be completed at a later date.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected two grab soil samples for analysis of Target Compound List (TCL) and NYSDEC Part 375-list volatile organic compounds (VOC) and semivolatile organic compounds (SVOC) from SBD07 at 65 to 67 feet and 75 to 77 feet bgs.
- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, two 55-gallon drums and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
18	6	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

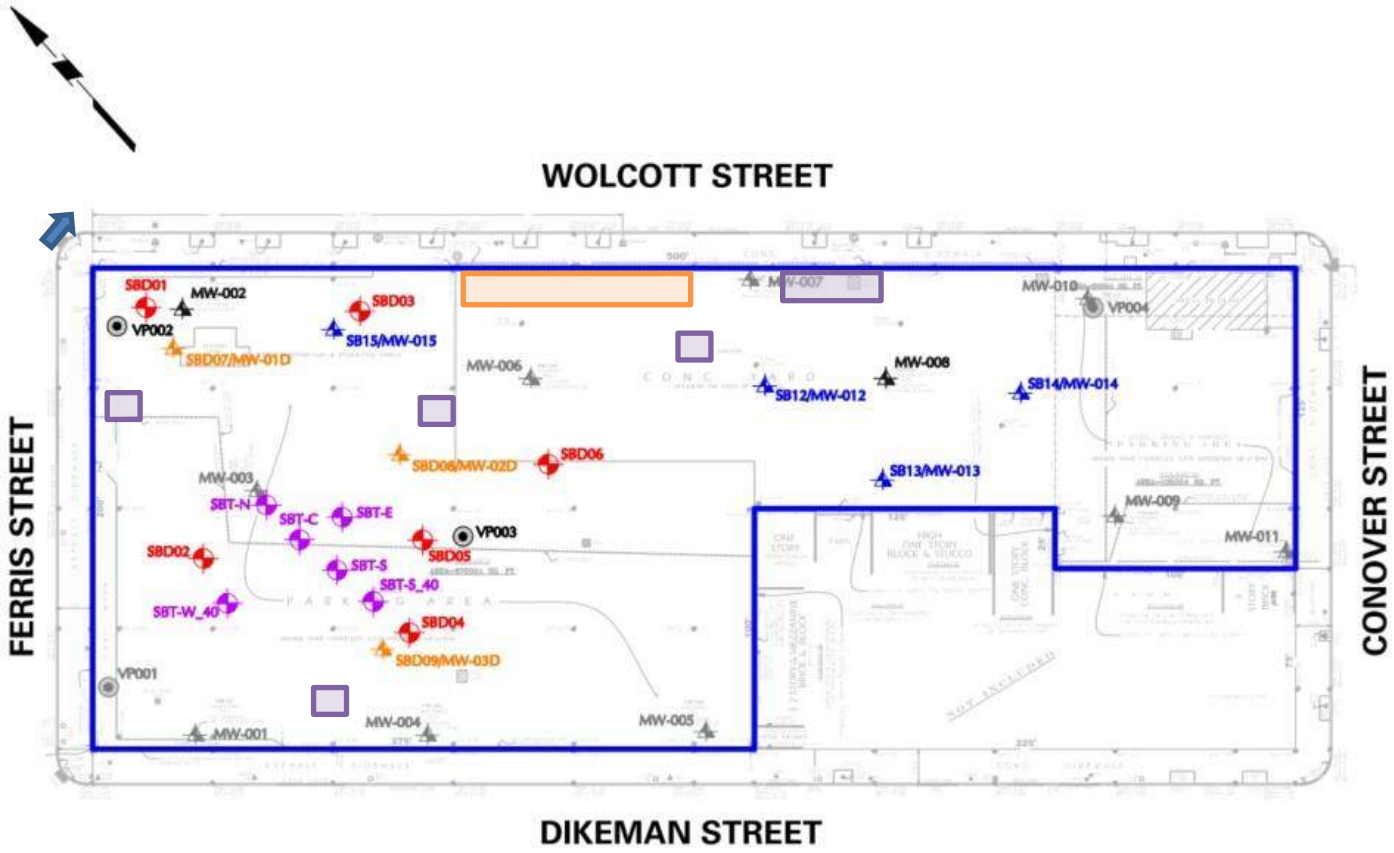
Photo 1: Coastal advancing soil boring SBD07 in the northern part of the site (facing north)

Photo 2: Soil boring core from about 65 to 70 feet bgs at SBD07.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Gabriella DeGennaro
			Langan Eng, Env, Surv, L.A. & Geo, DPC

LANGAN

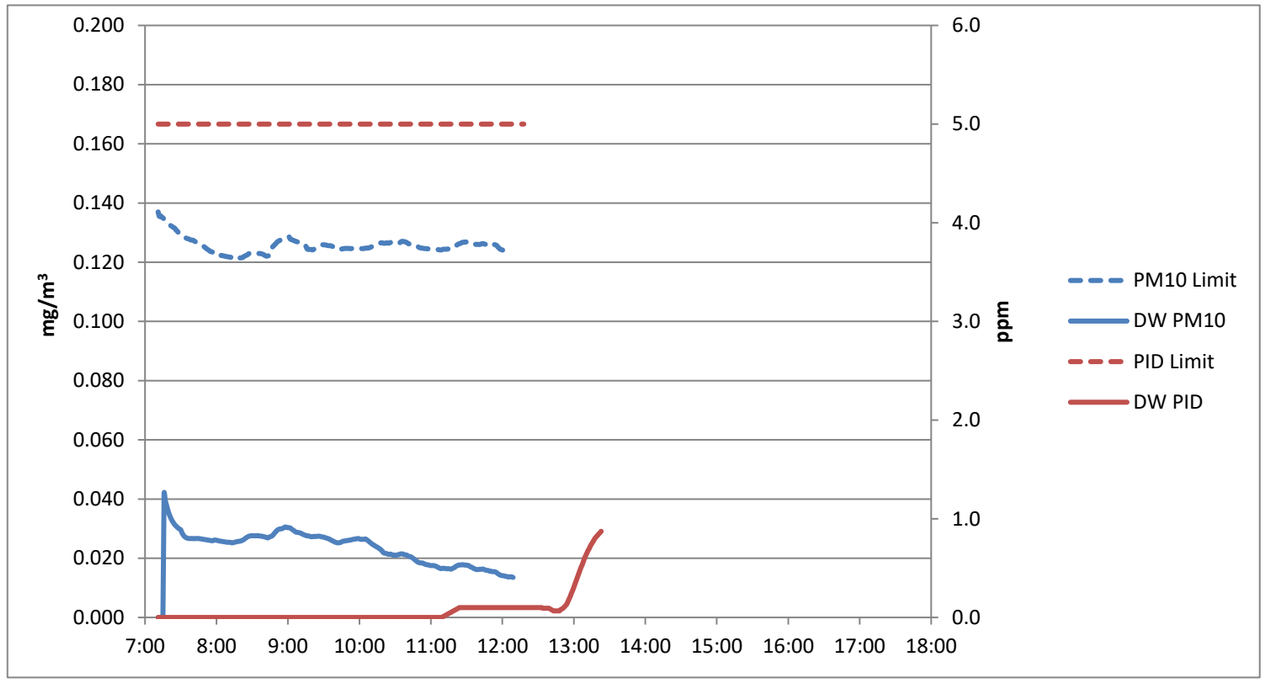
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/25/2024
Start: 7:11
End: 16:31
Observer: Gabriella DeGennaro

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.025	0.023
Minimum 15min Average	0.021	0.014
Maximum 15min Average	0.037	0.042
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.020	0.012
Maximum 1min Reading	0.039	0.033

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.3
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.0	1.2
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.0	1.2

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 016

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, July 30, 2024
PROJECT No.:	170562203	**WEATHER:**	Partly cloudy, 76 to 91°F Wind: S @ 6 - 14 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:40 – 15:20 (8.75 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Lisa Cristiano, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance two soil borings (SBD07 and SBD08) in the northern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD07** was advanced from a depth of 80 feet below grade surface (bgs) to 90-feet bgs. No impacts were observed.
    - **SBD08** was advanced to a depth of about 40 feet bgs. A tar-like odor and black staining was observed from 2.5 to 5 feet bgs. A creosote-like odor and black staining was observed from 10 to 14 and 16.5 to 17.5 feet bgs. A maximum PID reading of 146.9 parts per million (ppm) was recorded at about 4 feet bgs
        - Due to a mechanical issue with the drill rig (worn out threading), SBD08 was not completed to the proposed minimum depth of 90 feet bgs. The casing was left in-place within the borehole and drilling will resume tomorrow.
- Coastal installed a 2-inch-diameter monitoring well (MW-01D) at SBD07. The monitoring well was constructed of 10 feet of 10-slot (0.010-inch) polyvinyl chloride (PVC) well screen and a solid PVC riser.
    - MW-01D was screened from 80 to 90 feet bgs with a sump from 90 to 95 feet bgs.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected one grab soil sample from 85 to 87 feet bgs at SBD07 for analysis of Target Compound List (TCL) and NYSDEC Part 375-list volatile organic compounds (VOC) and semivolatile organic compounds (SVOC).

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, three 55-gallon drums and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents for 7/23**
20	7	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

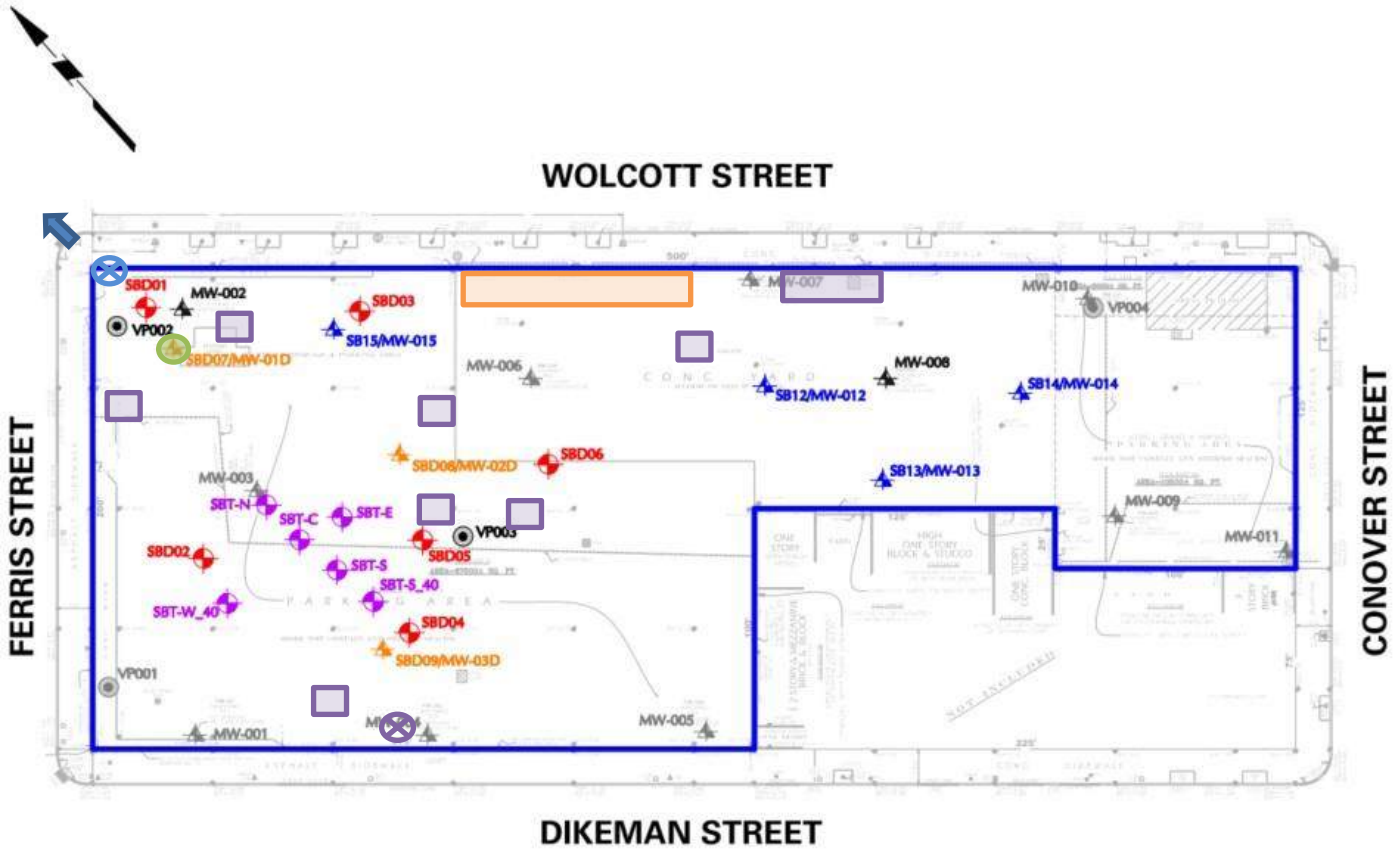
Photo 1: Coastal advancing soil boring SBD07 in the northern part of the site (facing northeast)

Photo 2: Monitoring well MW-01D installed in the northern part of the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

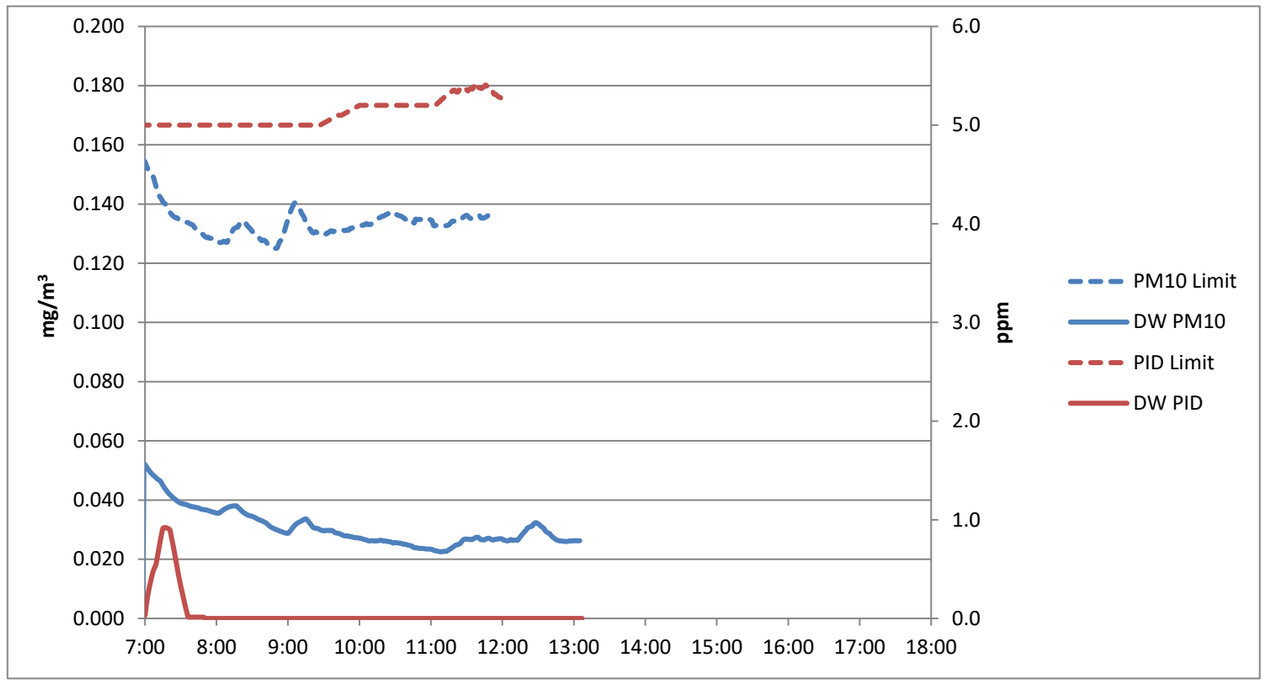
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/30/2024
Start: 6:53
End: 16:15
Observer: Lisa Cristiano

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.034	0.029
Minimum 15min Average	0.025	0.023
Maximum 15min Average	0.061	0.052
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.022	0.022
Maximum 1min Reading	0.061	0.042

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.1	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.4	0.9
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.7	1.0

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 017

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Wednesday, July 31, 2024
PROJECT No.:	170562203	**WEATHER:**	Partly cloudy, 79 to 94°F Wind: SW @ 8 - 18 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:40 – 16:00 (9.25 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Lisa Cristiano, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance one soil boring (SBD08) in the northern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD08** was advanced from a depth of 40 feet below grade surface (bgs) to 90 feet bgs. No impacts were observed.
- Coastal installed a 2-inch-diameter monitoring wells (MW-02D) at SBD08. The monitoring well was constructed of 10 feet of 10-slot (0.010-inch) polyvinyl chloride (PVC) well screen and a solid PVC riser.
    - MW-01D was screened from 80 to 90 feet bgs with a sump from 90 to 95 feet bgs. The well seal was installed about 2 feet above the screened interval, then grouted to grade surface.
- Langan removed oil absorbent socks that were placed in monitoring wells MW-002 on July 15, 2024, and MW-008 and MW-012 on July 24, 2024. Langan weighed the used oil absorbent socks with a scale and recorded the following data:

Monitoring Well ID	Weight of Unused Oil Absorbent Sock (7/24/2024 - Pre LNAPL Recovery) (kg)	Weight of Used Oil Absorbent Sock (7/31/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-002	0.073	0.455	0.382
MW-008	0.095	0.110	0.015
MW-012	0.090	0.280	0.190

kg - kilogram

- At MW-002, LNAPL was detected in the monitoring well after removal of the absorbent sock. The LNAPL thickness measured was about 3.84 inches thick.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

- At MW-008, LNAPL was detected in the monitoring well after removal of the sock. The LNAPL thickness measured was about 0.12 inches thick.
- At MW-012, LNAPL was not detected in the monitoring wells after removal of the absorbent socks
- Langan replaced the absorbent socks in monitoring wells MW-002, MW-008, and MW-012, with clean, unused socks.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected three grab soil samples from SBD08 at 65 to 67 feet, 76 to 78 feet, and 86 to 88 feet bgs for analysis of Target Compound List (TCL) and NYSDEC Part 375-list volatile organic compounds (VOC) and semivolatile organic compounds (SVOC).
- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, three 55-gallon drums and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
20	8	1	9

Anticipated Activities

- Langan and Coastal will continue to advance soil borings, install permanent groundwater monitoring wells, and collect soil samples in the northern and western part of the site in support of the supplemental NAPL investigation.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-002, MW-008, and MW-012.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

Photo 1: Coastal advancing soil boring SBD08 in the northern part of the site (facing east)

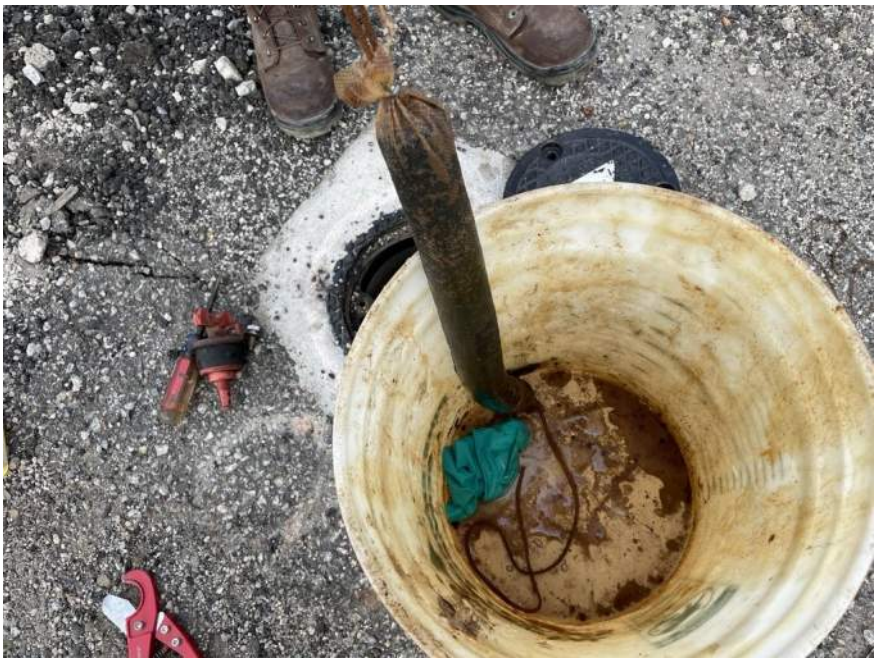
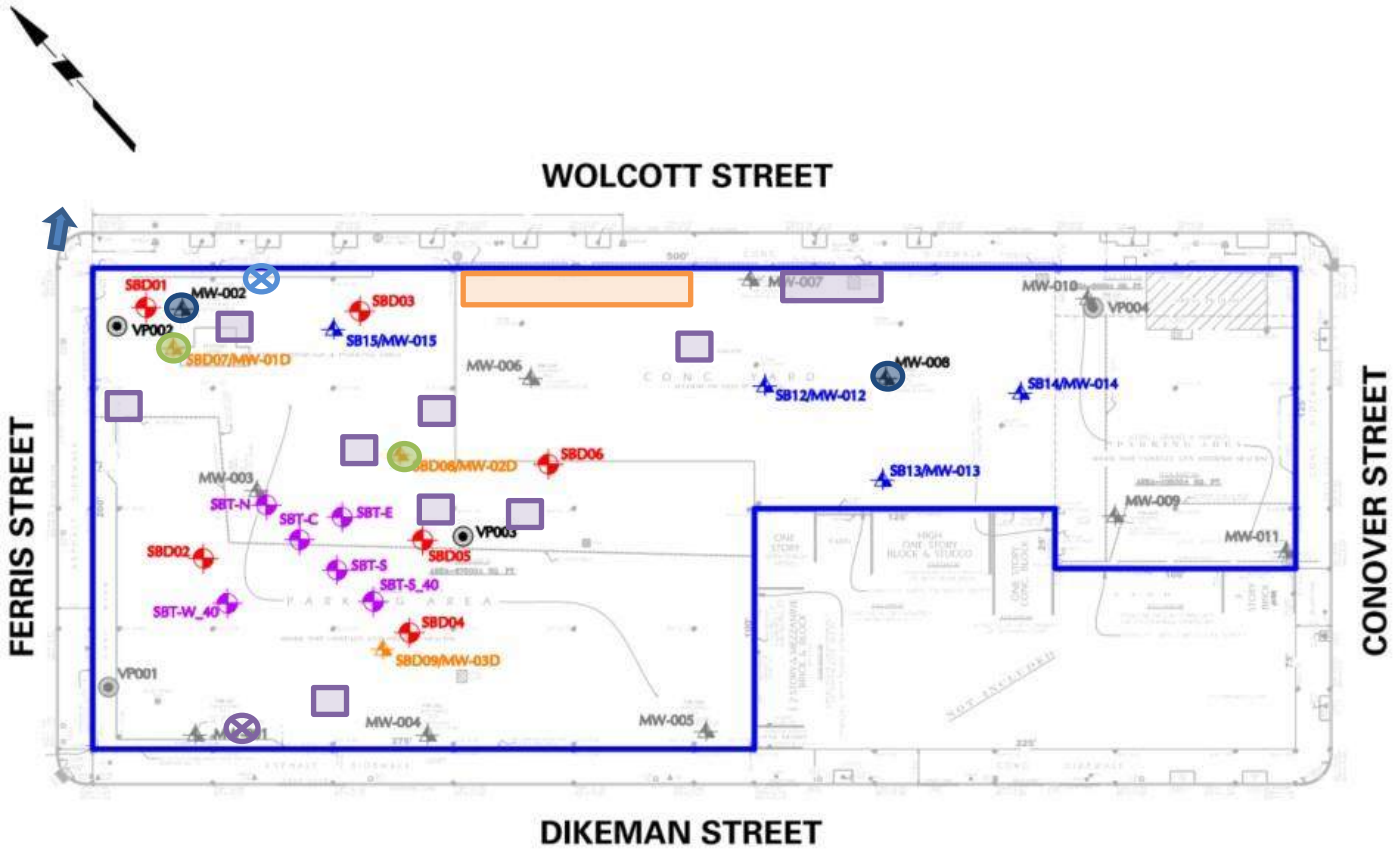


Photo 2: Oil absorbent sock removed from MW-002.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well containing LNAPL
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

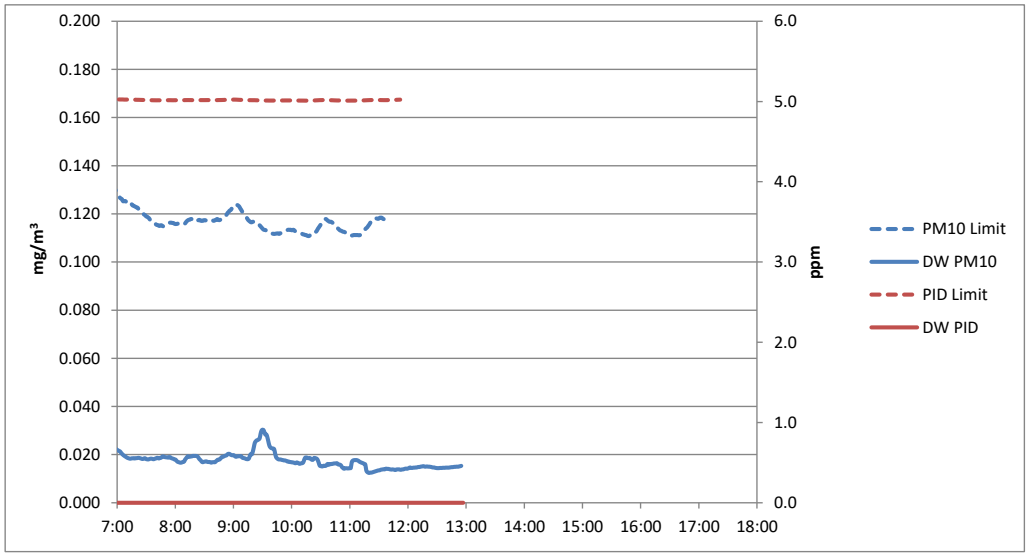
145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 7/31/2024
Start: 6:43
End: 16:05
Observer: Lisa Cristiano

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.022	0.017
Minimum 15min Average	0.011	0.012
Maximum 15min Average	0.035	0.030
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.009	0.012
Maximum 1min Reading	0.036	0.049

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise



Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.0	0.0
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.0	1.0

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

DAILY FIELD REPORT – Day 018

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Thursday, August 01, 2024
PROJECT No.:	170562203	**WEATHER:**	Partly cloudy, 74 to 98°F Wind: SW @ 3 - 13 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:40 – 16:40 (10 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Versa-Sonic Drill Rig
DustTrak II

PRESENT AT SITE:
Langan: Lisa Cristiano, Camila Monter
Coastal Environmental Solutions, Inc. (Coastal): Dylan Jewell, Paul Nelson

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Coastal used a Versa-Sonic drill rig to advance two soil boring (SBD09 and SB16) in the southwestern part of the site. Soil was recovered continuously in 5-foot intervals and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Key observations are summarized below:
    - **SBD09** was advanced from a depth of 30 feet below grade surface (bgs) to 90 feet bgs. No impacts were observed.
    - **SB16** was advanced to a depth of 16 feet bgs. A tar-like odor and black stained soil was observed from 0 to 5 feet bgs, a petroleum-like odor and black stained soil was observed from 6 to 7 feet bgs, a citrus-like odor and yellow stained soil was observed from 7 to 7.5 feet bgs, and a creosote-like odor and black stained soil was observed from 7.5 to 8 feet bgs. A maximum PID reading of 103.8 parts per million (ppm) was recorded at about 6.5 feet bgs.
- Coastal installed two 2-inch-diameter monitoring wells (MW-03D and MW-03S) at SBD09 and SB16. The monitoring wells were constructed of 10 feet of 10-slot (0.010-inch) polyvinyl chloride (PVC) well screen and a solid PVC riser.
    - MW-03D was screened from 80 to 90 feet bgs with a sump from 90 to 95 feet bgs. The well seal was installed about 2 feet above the screened interval, then grouted to grade surface.
    - MW-03S was screened from 6 to 16 feet bgs. The well seal was installed about 2 feet above the screened interval, then grouted to grade surface.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Sampling

- Langan collected three grab soil samples from SBD09 at 65 to 67 feet, 75 to 77 feet, and 86 to 88 feet bgs for analysis of Target Compound List (TCL) and NYSDEC Part 375-list volatile organic compounds (VOC) and semivolatile organic compounds (SVOC).
- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Langan conducted real-time air monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, three 55-gallon drums and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Anticipated Activities

- Langan will gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S.
- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

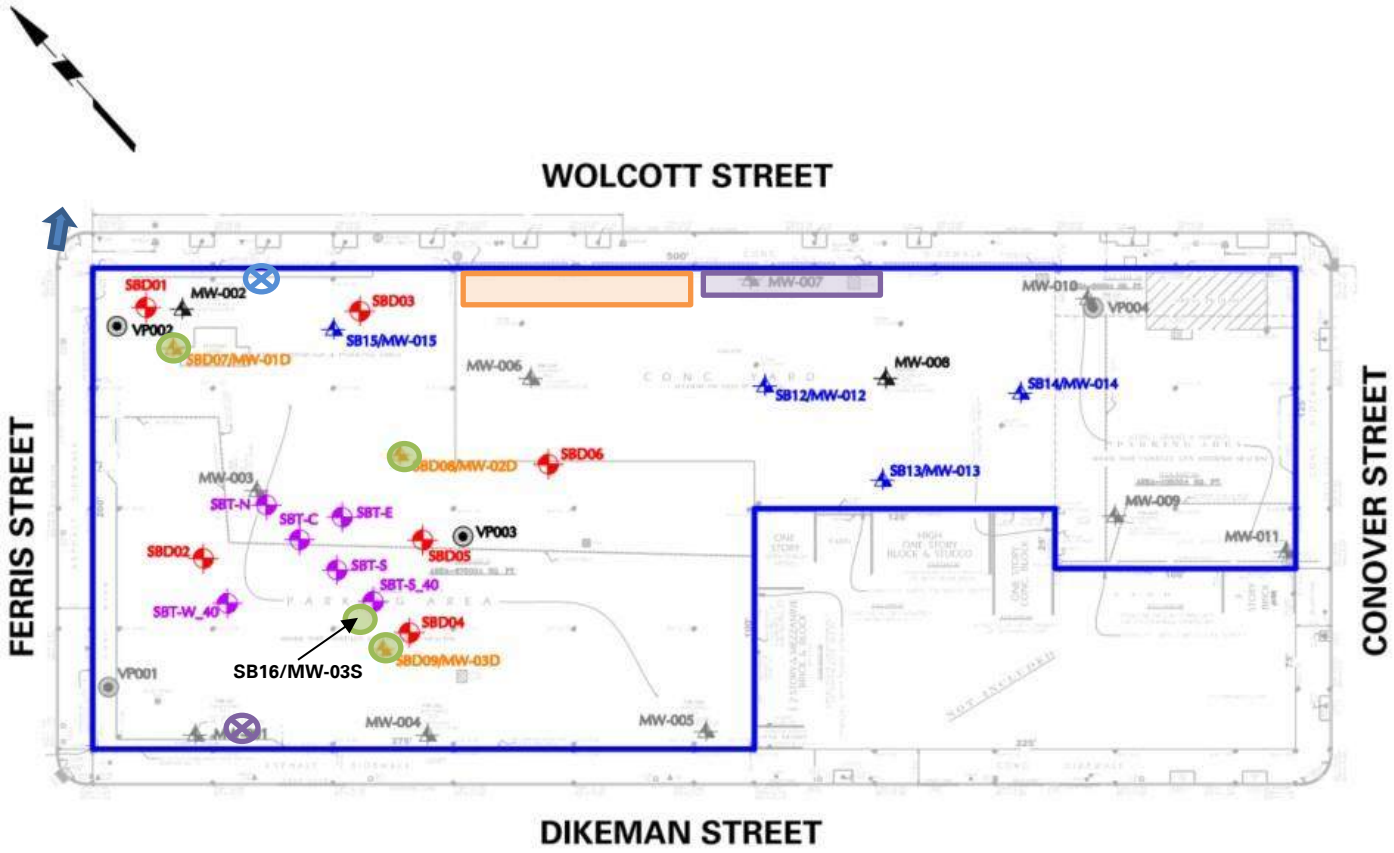
Photo 1: Coastal advancing soil boring SBD09 in the southwestern part of the site (facing south)

Photo 2: Installed monitoring well MW-03S in the southwestern part of the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well containing LNAPL
- Upwind CAMP Station
- Downwind CAMP Station
- Soil Boring and/or Monitoring Well Completed
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

LANGAN

145-165 Wolcott Street
170562203
CAMP Data Summary

Date: 8/1/2024
Start: 6:41
End: 15:43
Observer: Lisa Cristiano

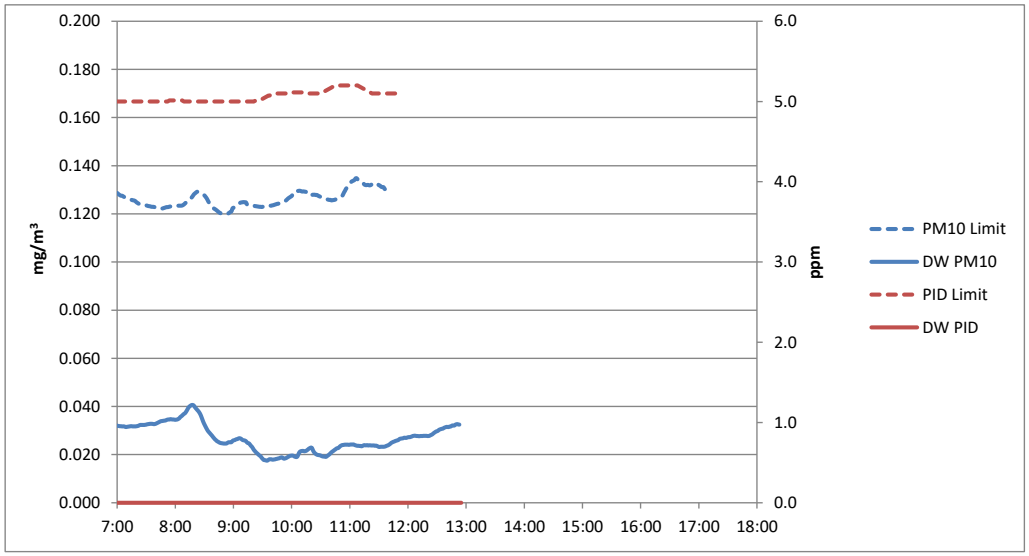
UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.030	0.028
Minimum 15min Average	0.020	0.018
Maximum 15min Average	0.047	0.041
High Intervals "exceedances" (15min > 1.5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.019	0.016
Maximum 1min Reading	0.048	0.068

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise

Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.1	0.2
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.2	0.0
High Intervals "exceedances" (15min > 5 + Upwind level)	NA	0.0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.2	2.6

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise



DAILY FIELD REPORT – Day 019

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Friday, August 02, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 85 to 95°F Wind: SE @ 5 - 9 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	07:40 – 13:40 (6 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:	**PRESENT AT SITE:**
MiniRAE 3000 Photoionization Detector Solinst Oil-Water Interface Probe 1.5-inch x 2-foot Oil Absorbent Sock	**Langan:** Lisa Cristiano

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan used a Solinst oil-water interface probe to gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S. Dense non-aqueous phase liquid (DNAPL) was not detected in any monitoring wells. Light non-aqueous phase liquid (LNAPL) was detected in one monitoring well, as detailed below.
    - MW-03D: LNAPL thickness = 0.12 inches thick.
- Langan installed a clean, unused absorbent sock in monitoring well MW-03D.

Import and Export Tracking

- No material was exported or imported.

Sampling

- No samples were collected.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Anticipated Activities

- Langan will gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S.
- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

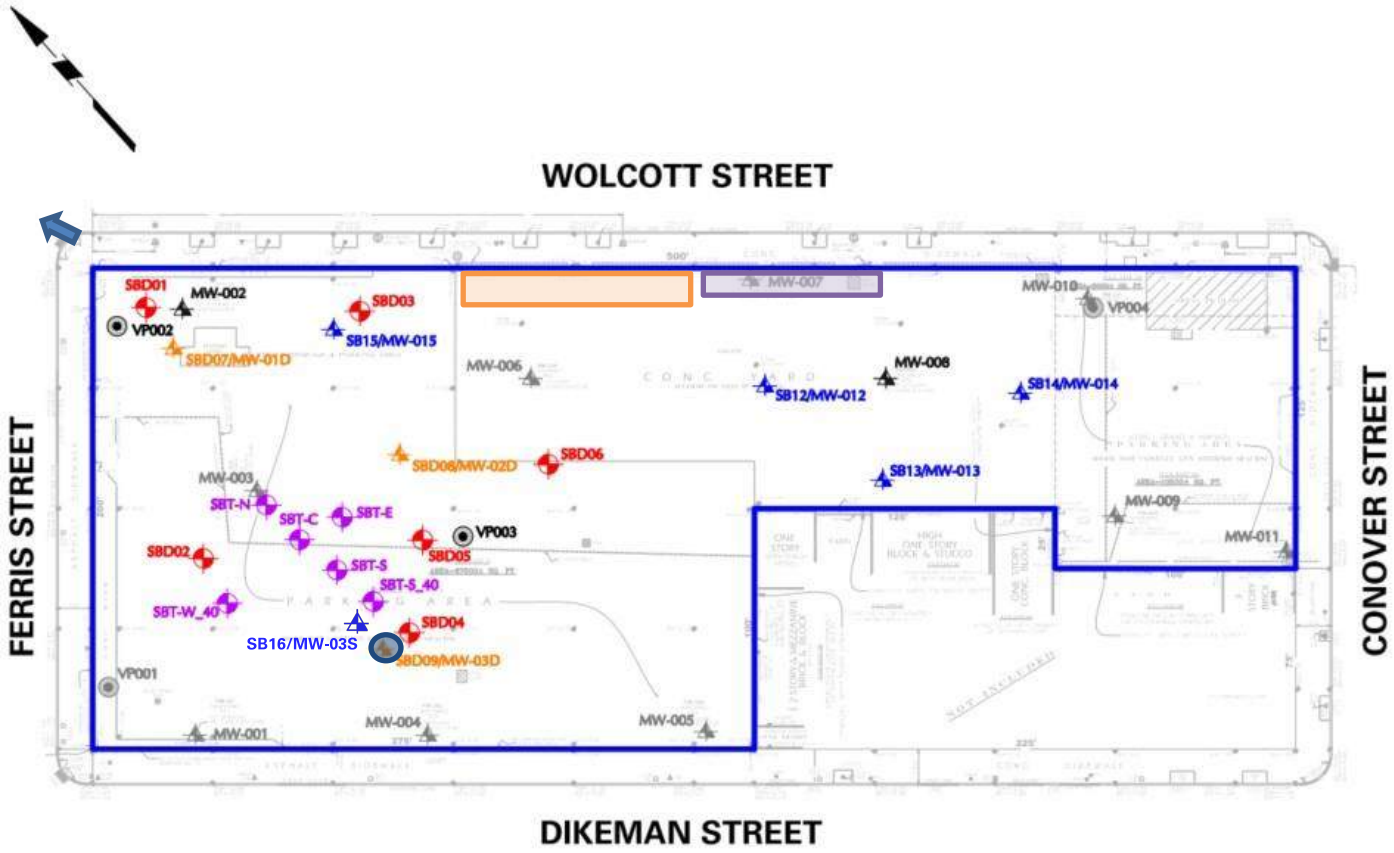
Photo 1: LNAPL encountered within monitoring well MW-03D.

Photo 2: Langan gauging monitoring well MW-01D (facing north).

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well Containing LNAPL
- DNAPL Delineation Soil Boring and Monitoring Well Location
- LNAPL Soil Boring and Monitoring Well Location
- DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.
2. DNAPL – Dense non-aqueous phase liquid

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 020

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Monday, August 05, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 76 to 91°F Wind: N @ 3 - 6 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	06:45 – 13:15 (6.5 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:	**PRESENT AT SITE:**
Solinst Oil-Water Interface Probe 1.5-inch x 2-foot Oil Absorbent Sock	**Langan:** Isaiah Ritchie

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan used a Solinst oil-water interface probe to gauge monitoring wells MW-01D, MW-02D, and MW-03S. Dense non-aqueous phase liquid (DNAPL) was not detected in any monitoring wells. Light non-aqueous phase liquid (LNAPL) was not detected in any monitoring wells.
    - Monitoring well MW-03D was not gauged due to an oil-absorbent sock obstructing the pathway for the interface probe. The oil absorbent sock with not properly tied off and could not be removed for gauging. Langan will return to the site on August 6, 2024 with equipment to remove the sock and complete gauging.

Import and Export Tracking

- No material was exported or imported.

Sampling

- No samples were collected.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Isaiah Ritchie **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Anticipated Activities

- Langan will gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S.
- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Isaiah Ritchie **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

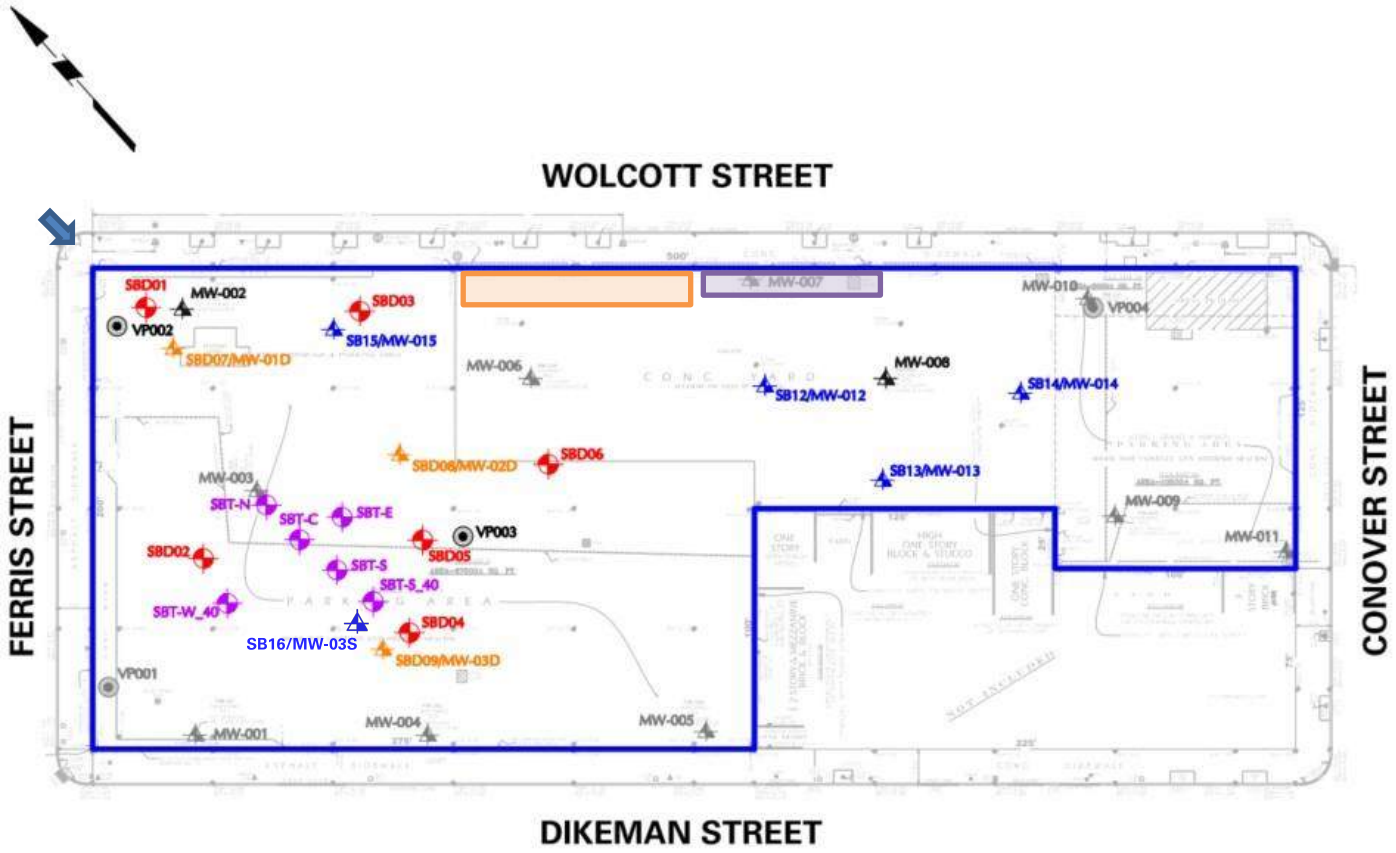
Photo 1: Interface probe after gauging well MW-02D.

Photo 2: J-Plug condition of well MW-03S.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Isaiah Ritchie
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well Containing LNAPL
- DNAPL Delineation Soil Boring and Monitoring Well Location
- LNAPL Soil Boring and Monitoring Well Location
- DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Isaiah Ritchie **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 020

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, August 06, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny/Rainy, 75 to 89°F Wind: WSW @ 4 - 6 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	11:30 – 15:15 (~3.75 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
1.5-inch x 2-foot Oil Absorbent Sock

PRESENT AT SITE:
Langan: Savannah Walters

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan removed oil absorbent socks that were placed in monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S on August 5, 2024. Langan replaced the absorbent sock in monitoring well MW-03D with a clean, unused sock.
- Langan used a Solinst oil-water interface probe to gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S. Neither dense non-aqueous phase liquid (DNAPL) or light non-aqueous phase liquid (LNAPL) was detected in any monitoring wells; however, a sheen was observed on the interface probe after gauging MW-03D.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- No samples were collected.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Anticipated Activities

- Langan will gauge monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S.
- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

Photo 1: Langan gauging monitoring well MW-02D.

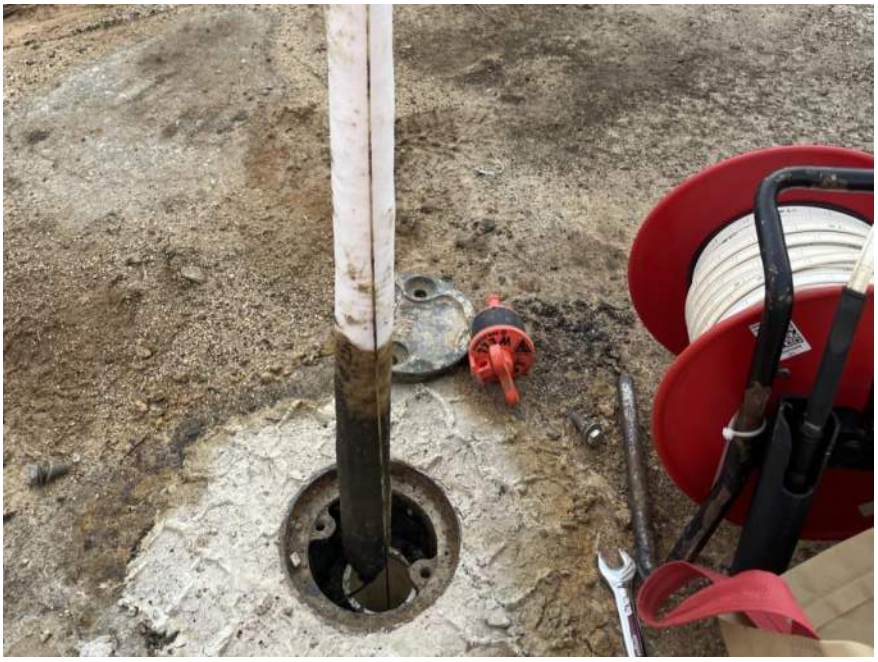
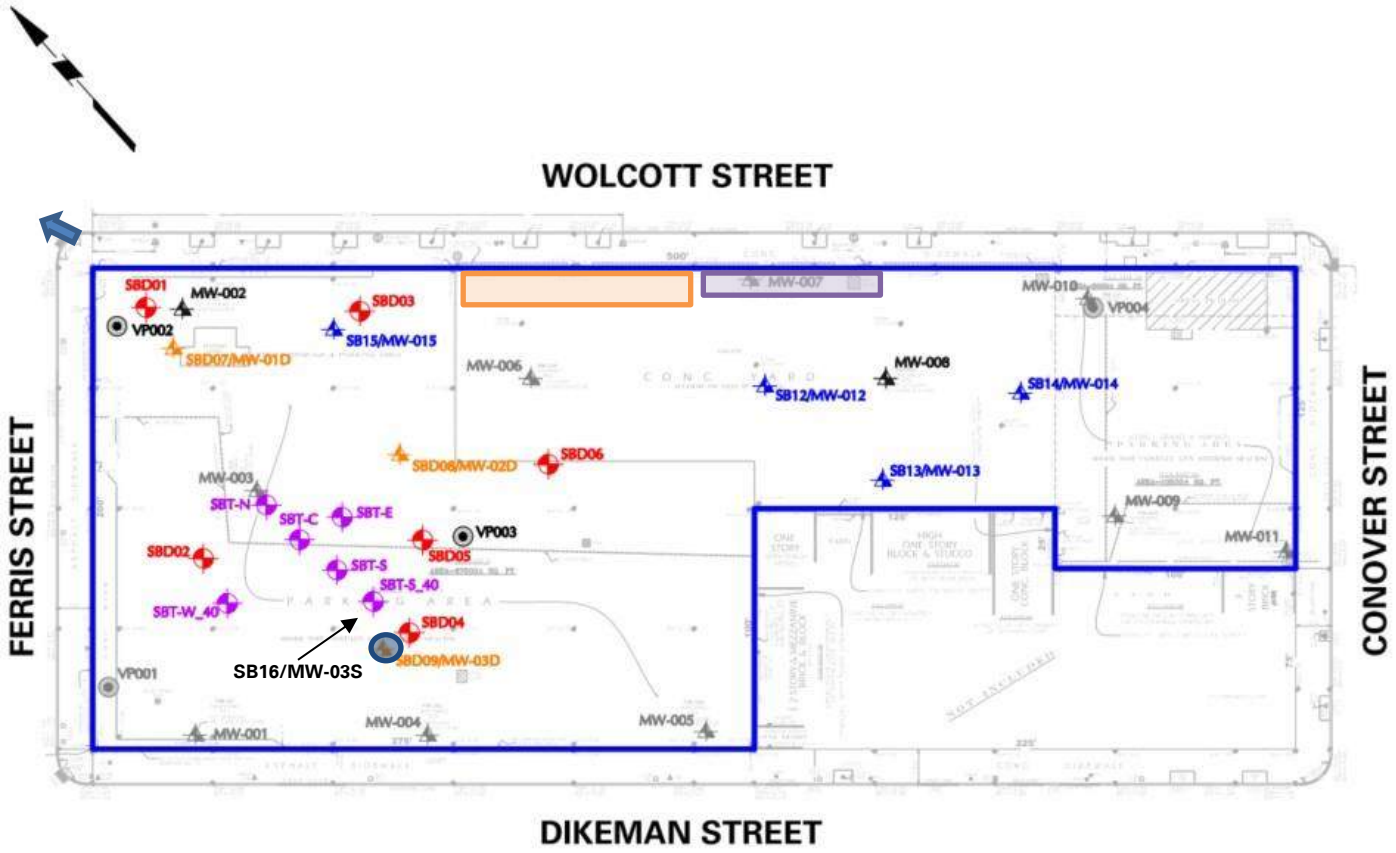


Photo 2: Oil absorbent sock removed from monitoring well MW-01D.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well Containing LNAPL
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT – Day 021

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Wednesday, August 07, 2024
PROJECT No.:	170562203	**WEATHER:**	Rainy, 69°F Wind: NE @ 9 - 13 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	09:30 – 16:45 (7.25 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
1.5-inch x 2-foot Oil Absorbent Sock

PRESENT AT SITE:
Langan: Savannah Walters

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan removed oil absorbent socks that were placed in monitoring wells MW-002, MW-008, and MW-014 on July 31, 2024. Langan weighed the used oil absorbent socks with a scale and recorded the following data:

Monitoring Well ID	Weight of Unused Oil Absorbent Sock (7/31/2024 - Pre LNAPL Recovery) (kg)	Weight of Used Oil Absorbent Sock (8/7/2024 - Post LNAPL Recovery) (kg)	Approximate Recovered LNAPL (kg)
MW-002	0.090	0.603	0.513
MW-008	0.080	0.249	0.169
MW-012	0.080	0.150	0.070

kg - kilogram

- Langan removed the oil-absorbent sock that was placed in monitoring well MW-03D on August 6, 2024.
- Langan used a Solinst oil-water interface probe to gauge monitoring wells MW-01D, MW-02D, MW-03D, MW-03S, MW-002, MW-008, and MW-014.
    - At MW-002, LNAPL was detected in the monitoring well after removal of the absorbent sock. The LNAPL thickness measured was about 0.12 inches.
    - A sheen was observed on the interface probe after gauging MW-03D.
- Langan replaced the socks in monitoring wells MW-03D, MW-002, MW-008, and MW-012 with a clean, unused sock in each monitoring well.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Sampling

- No samples were collected.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	10	1	9

Anticipated Activities

- Langan will sample monitoring wells MW-01D, MW-02D, and MW-03D seven days post well construction.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

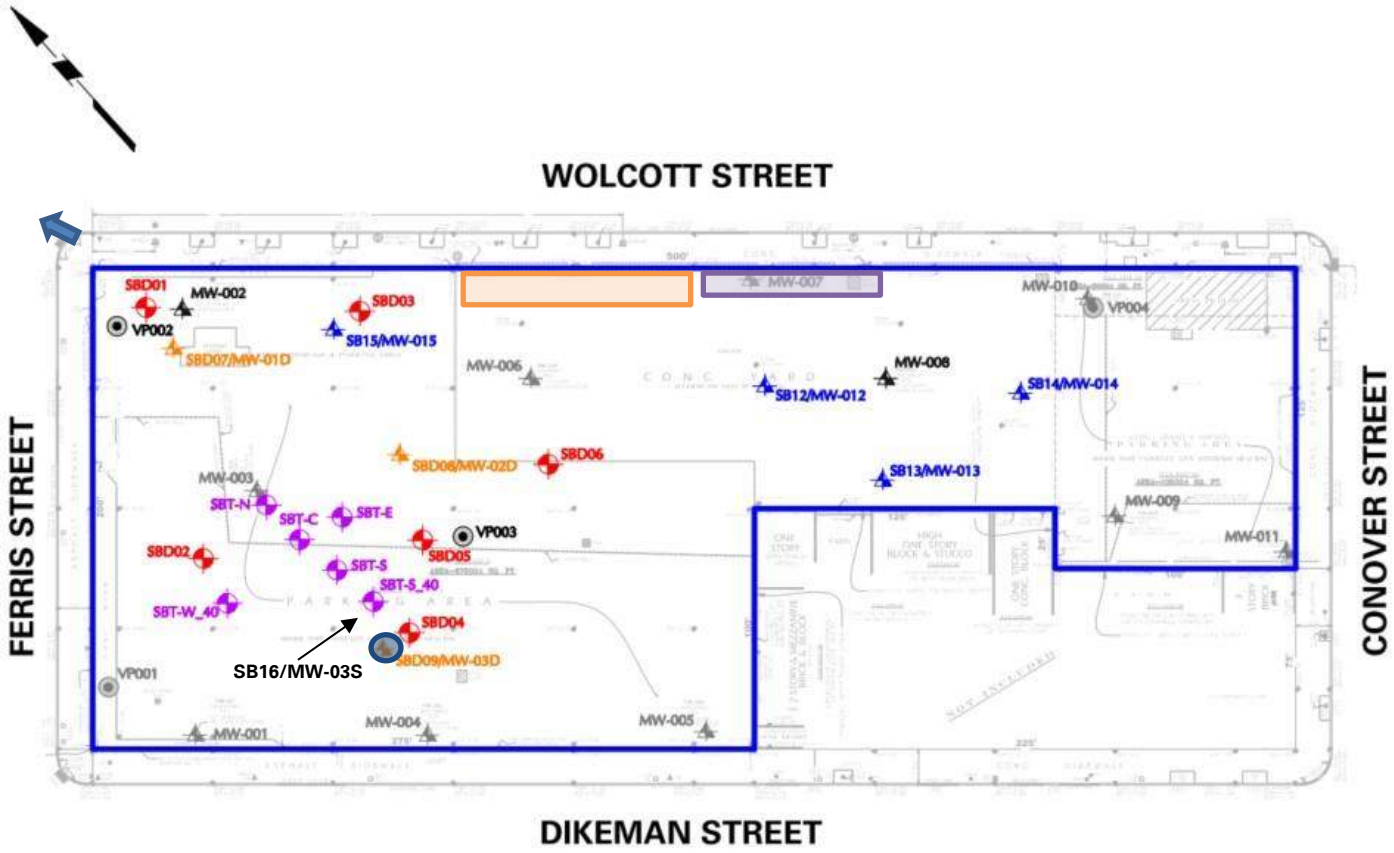
Photo 1: Oil absorbent sock removed from monitoring well MW-012.

Photo 2: Oil absorbent sock removed from monitoring well MW-002.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Monitoring Well Containing LNAPL
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Savannah Walters
			Langan Eng, Env, Surv, L.A. & Geo, DPC

DAILY FIELD REPORT – Day 022

LANGAN

CLIENT:	NYM 145 Wolcott, LLC	**DATE:**	Tuesday, August 13, 2024
PROJECT No.:	170562203	**WEATHER:**	Sunny, 68-84°F Wind: NNW @ 3 - 13 mph
PROJECT:	145-165 Wolcott Street	**TIME:**	07:15 – 17:45 (10.5 hours)
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224256

EQUIPMENT:
MiniRAE 3000 Photoionization Detector
Solinst Oil-Water Interface Probe
Geotech Geosub 2 Pump
Solinst 410 Peristaltic Pump
Sonde Horiba U52-2 Water Quality Meter

PRESENT AT SITE:
Langan: Lisa Cristiano, Olivia O'Donnell, William Bohrer, Laura Grose

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved May 22, 2024 Non-Aqueous Phase Liquid (NAPL) Investigation Work Plan and the NYSDEC-approved July 17, 2024 NAPL Investigation Work Plan Addendum for Brownfield Cleanup Program (BCP) Site No. C224256.

Site Activities

- Langan collected groundwater samples and associated quality assurance and quality control (QA/QC) samples from monitoring wells MW-01D, MW-02D, MW-03D, and MW-03S. Samples from MW-01D, MW-02D, and MW-03S were collected in general accordance with the United States Environmental Protection Agency's (USEPA) Low-Flow Groundwater Sampling Procedure.
- A photoionization detector (PID) reading of 0.0 parts per million (ppm) was measured in the headspace of monitoring well MW-01D. Groundwater was measured at 8.81 feet below the top of the well casing (bTOC). Purged groundwater was light brown to clear, and no odor was apparent.
- A PID reading of 0.0 ppm was measured in the headspace of monitoring well MW-02D. Groundwater was measured at 10.84 feet bTOC. Purged groundwater was clear, and no odor was apparent.
- A PID reading of 0.0 ppm was measured in the headspace of monitoring well MW-03D. LNAPL was detected in at a depth of 11.82 feet bTOC and groundwater was measured at 11.92 feet bTOC. The LNAPL thickness measured was about 1.2 inches. Purged groundwater was green with an organic odor.
    - Due to the presence of LNAPL in MW-03D, the purged groundwater was not pumped through the flow cell and field parameters were not collected. Three well volumes were purged from MW-03D prior to sample collection.
- A PID reading of 7.8 ppm was measured in the headspace of monitoring well MW-03S. Groundwater was measured at 11.60 feet bTOC. Purged groundwater was green with an organic odor.
    - A sheen was observed on the purged groundwater at MW-03S. One well volume was purged from MW-3S and the sheen was no longer apparent. Following the initial well purge, Langan proceeded to collect the groundwater sample in accordance with the USEPA Low-Flow Groundwater Sampling Procedure.
- Purged groundwater was containerized in one 55-gallon drum for future off-site disposal.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

- Langan used an oil-water interface probe to gauge 21 monitoring wells at the site. Light non-aqueous phase liquid (LNAPL) was detected in two monitoring wells, as detailed below:
    - MW-03D: LNAPL thickness = 0.1 feet
    - MW-003: LNAPL thickness = 0.1 feet
    - MW-008: LNAPL thickness = 0.03 feet
    - MW-012: LNAPL thickness = 0.1 feet
    - MW-013: LNAPL thickness = 0.2 feet
- Langan placed clean, unused oil-absorbent socks in monitoring wells MW-03D, MW-003, and MW-013.
- Langan replaced the oil-absorbent socks in monitoring wells MW-008 and MW-012 with clean, unused socks.

Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected four groundwater samples (including QA/QC samples) from MW-01D, MW-02D, MW-03D and MW-03S for analysis of Target Compound List and NYSDEC Part 375-list volatile organic compounds and semivolatile organic compounds.
- Samples were relinquished to Pace Analytical, Inc., an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

Community Air Monitoring

- Ground-intrusive work was not performed; therefore, community air monitoring was not performed.

Material Tracking

- Investigation-derived waste (IDW) exhibiting evidence of impacts was containerized in a sealed and labeled, 55-gallon drum and staged in the northwestern part of the site pending off-site disposal to an appropriate facility.

Total Drum Count			
Soil	**Groundwater / Decon Water**	**Spent Absorbent Socks**	**Dry Absorbents from 7/23**
21	12	1	9

Anticipated Activities

- Langan will coordinate off-site disposal of the IDW to a facility permitted to accept the waste.
- Langan will continue passive recovery of LNAPL within monitoring wells MW-03D, MW-003, MW-008, MW-012, and MW-013 on a monthly basis.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Photographs:

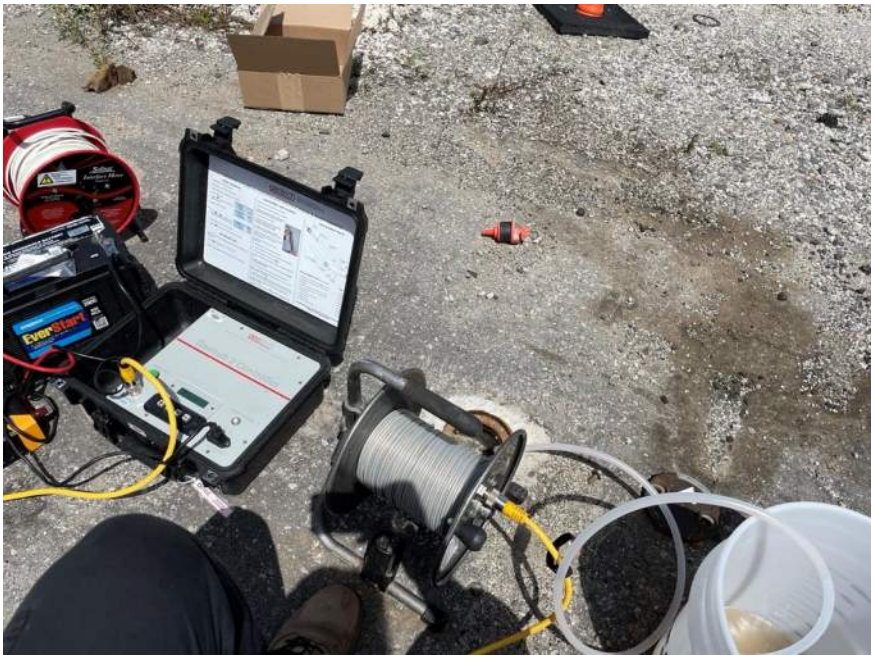


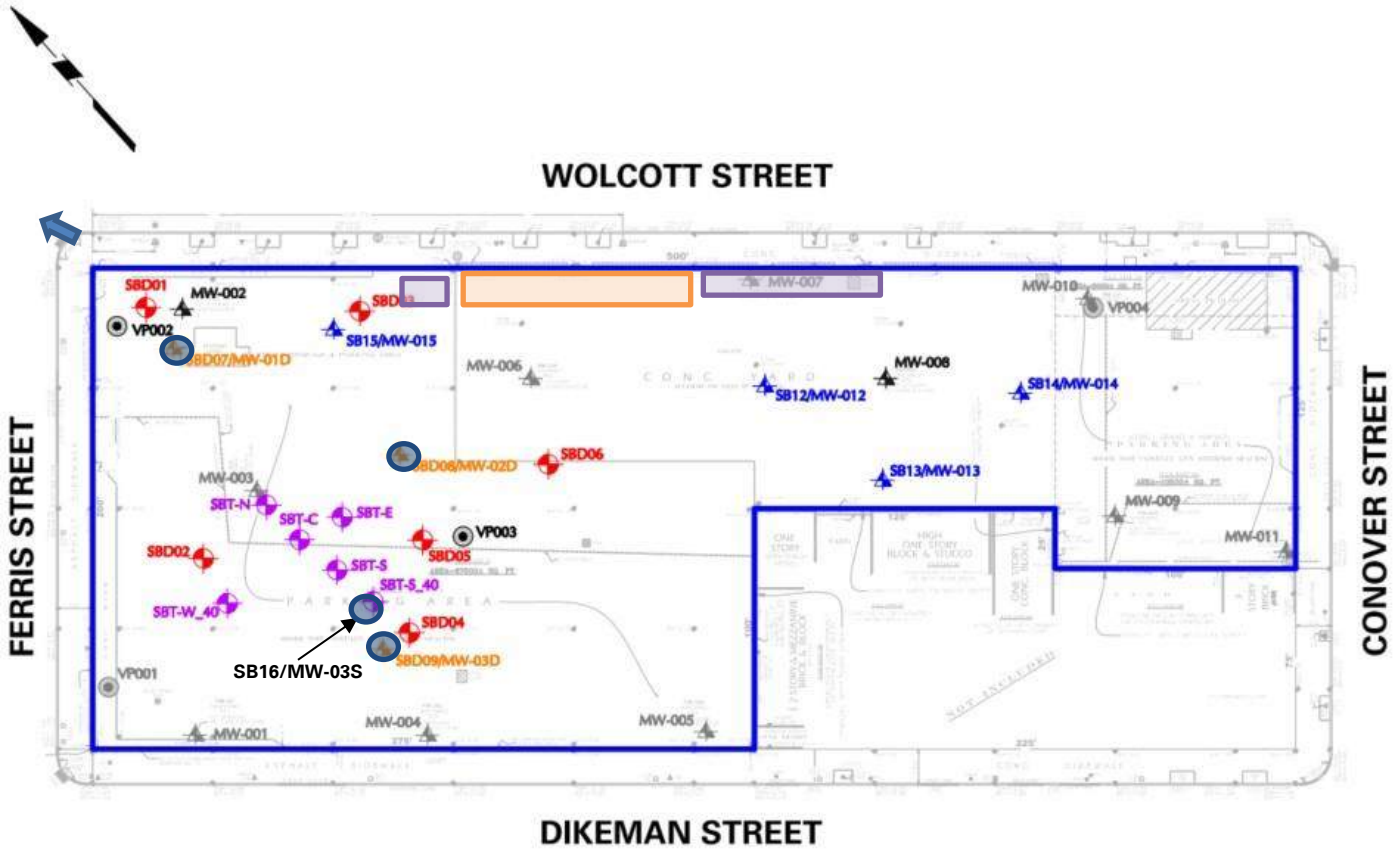
Photo 1: Langan purging groundwater from monitoring well MW-02D in the central part of the site.

Photo 2: Langan purging groundwater from monitoring well MW-03D in the western part of the site.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

DAILY FIELD REPORT

Site Map:



Legend:

- BCP Site Boundary
- Wind Direction
- Sampled Monitoring Well
- Previous DNAPL Delineation Soil Boring and Monitoring Well Location
- Previous LNAPL Soil Boring and Monitoring Well Location
- Proposed DNAPL Delineation Soil Boring and Deep Monitoring Well Location
- IDW Drum Staging Area (from NAPL Investigation)
- IDW Drum Staging Area (from Geotechnical Investigation)

Notes:

1. Base map referenced from September 22, 2023, ALTA Survey prepared by Boro Land Surveying, P.C.

Cc:	M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By:	Lisa Cristiano **Langan Eng, Env, Surv, L.A. & Geo, DPC**

APPENDIX C

GEOPHYSICAL SURVEY REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial Property
145-165 Wolcott Street
Brooklyn, New York 11231

NOVA PROJECT NUMBER:
24-4223

DATED:
June 10, 2024

PREPARED FOR:

LANGAN

21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001
www.langan.com

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway #765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.novagsi.com

June 10, 2024

Laura Grose
Senior Staff Scientist
LANGAN
360 West 31st Street, 8th Fl, New York, NY 10001
M: 914.274.7683 E: lgrose@langan.com

Re: Geophysical Engineering Survey (GES) Report
145-165 Wolcott Street
Brooklyn, New York 11231
Langan Project # 170562203

Dear Ms. Grose,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 145-165 Wolcott Street, Brooklyn, New York (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures as well as to clear and mark proposed boring areas at the project site on June 3rd, 2024.

The equipment selected for this investigation was a GSSI UtilityScan 350 MHz ground penetrating radar (GPR) with a shielded antenna Sensors and Software Noggin 250 MHz GPR with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator. A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250/350 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the

surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

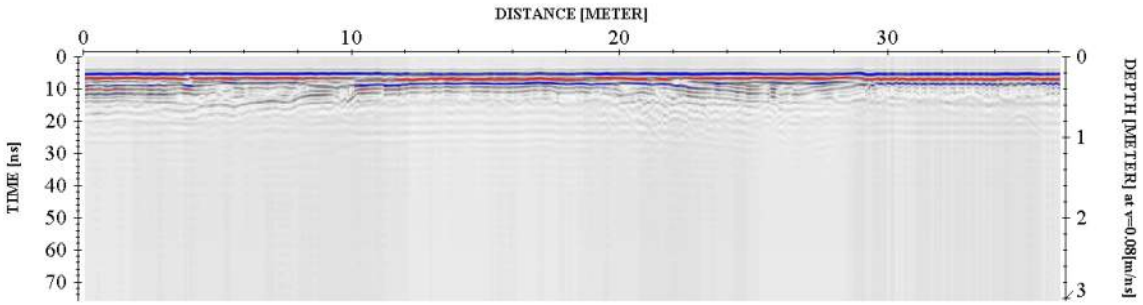
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

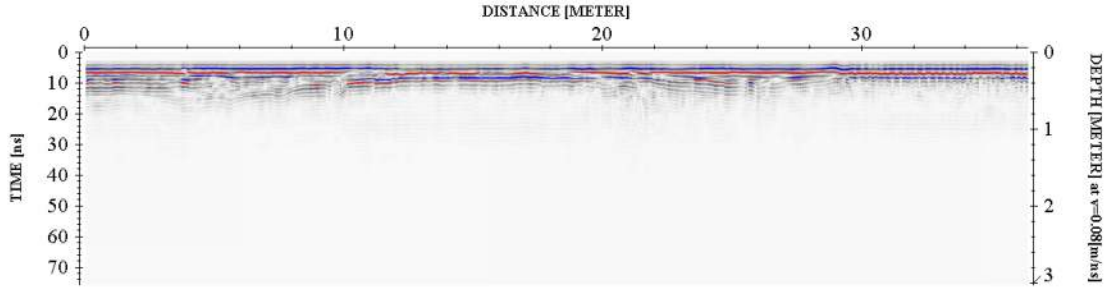
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

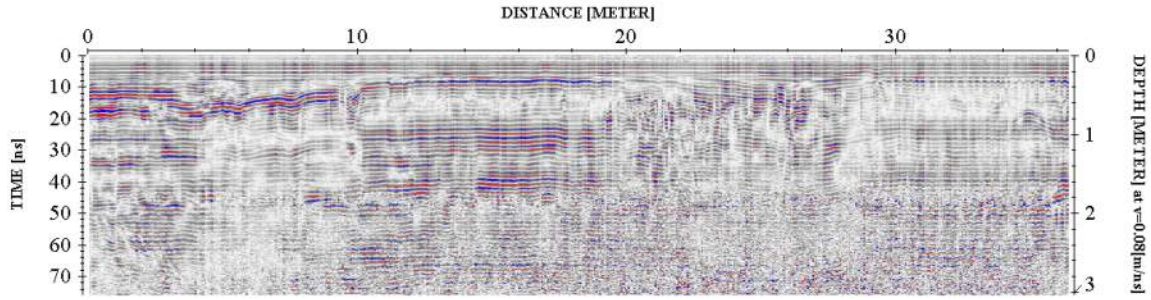
Step 1. Import Raw RAMAC data to standard processing format



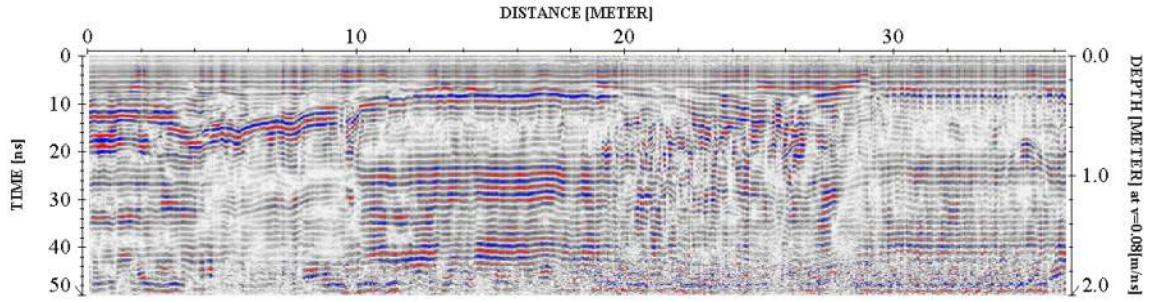
Step 2. Remove instrument noise *(dewow)*



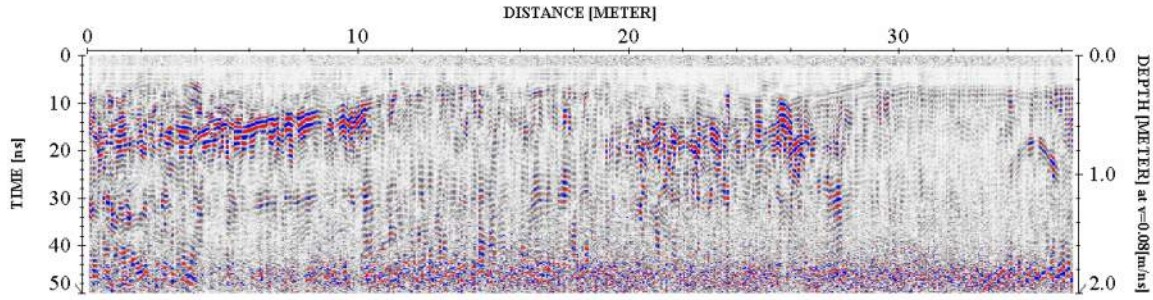
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Cloudy

Temperature: 83° F

Surface: Concrete, Asphalt and non-paved

Survey Parameters: A GPR grid scan was conducted within the survey areas as shown on the survey plan. The approximate line spacing of the grid survey was approximately 2'. Additional GPR data was collected over features of interest.

Limitations: The geophysical noise level (GNL) at the site was high due to being in an urban environment, excessive fill material throughout of the site and other unknown anthropogenic noise sources.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- The GES identified anomalies resembling potential subsurface utilities (such as sewer, water, gas, telecom and electric) located within the survey area. The approximate locations are shown in the survey plan.
- The GES identified a scattered anomaly areas located throughout of the site. Due to present of excessive geophysical noise at the time of the survey, the GES could not verify the nature of these scattered anomalies. These areas are shown within the survey plan.
- NOVA cleared and marked all proposed boring (environmental & geotechnical) locations at the site.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services

Levent Eskicakit, P.G., E.P.
Project Manager

Attachments:

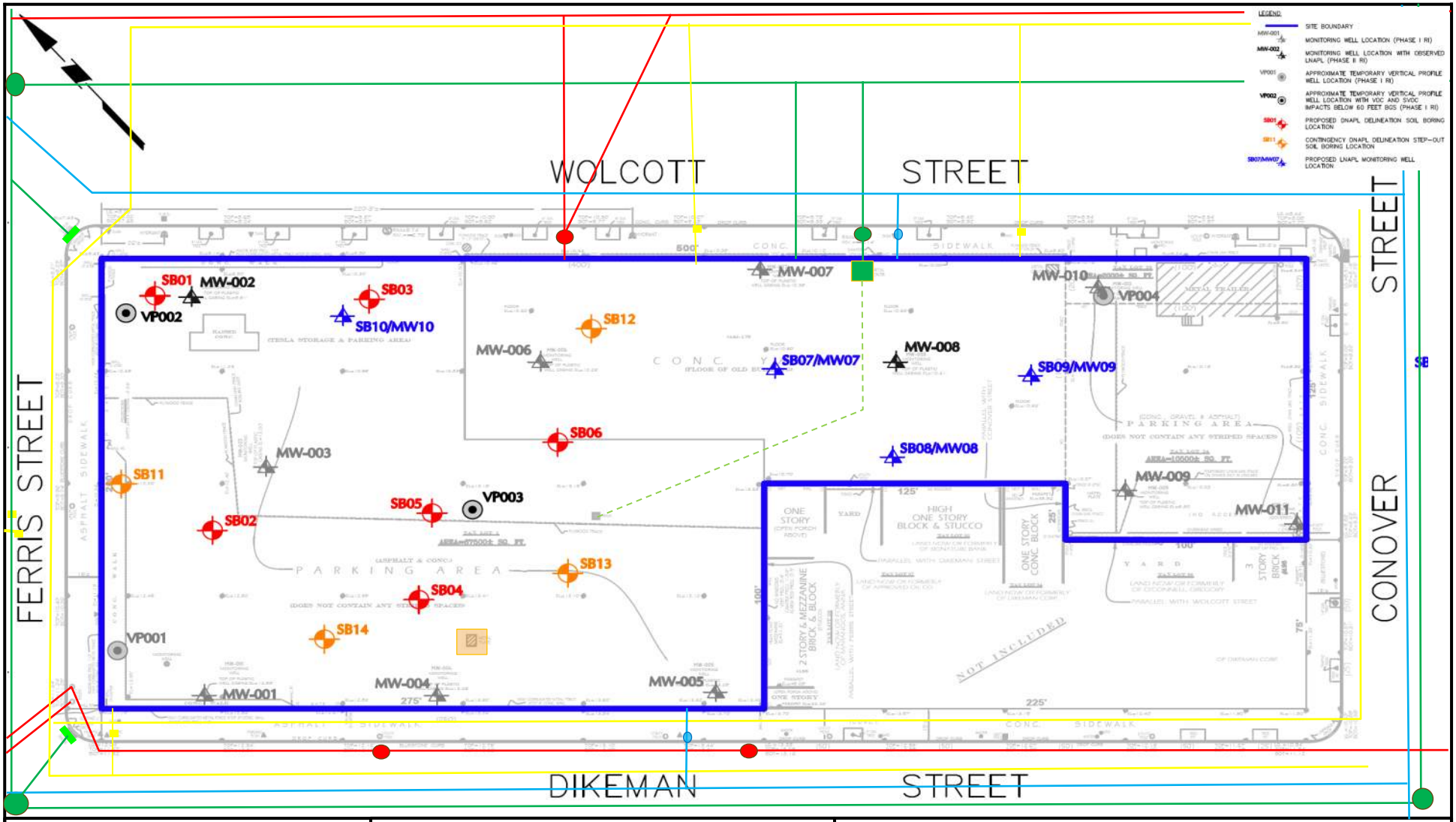
Location Map
Survey Plan
Geophysical Images

NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

Location Map

SITE:	145-165 Wolcott Street Brooklyn, New York 11231
CLIENT:	Langan
DATE:	June 3, 2024
AUTH:	Levent E.

LEGEND



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Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

SURVEY PLAN

SITE:	145-165 Wolcott Street Brooklyn, New York 11231
CLIENT:	Langan
DATE:	June 3, 2024
AUTH:	Tolga Ybas / Levent E. / Jason Staunton

LEGEND

- Project Area
- Sewer Line
- Electric
- Water
- Gas
- Electric
- Former Drain Line
- Scattered Anomaly (Concrete Structure)
- Former Sewer Cleanout
- Storm Drain
- Electrical Box
- Sewer Manhole Cover
- Gas Line Cap (Utility)
- Water Line Cap (Utility)

GEOPHYSICAL IMAGES

145-165 Wolcott Street

Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

145-165 Wolcott Street

Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

145-165 Wolcott Street

Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

145-165 Wolcott Street

Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

145-165 Wolcott Street

Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

145-165 Wolcott Street

Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

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Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

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Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

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Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

145-165 Wolcott Street

Brooklyn, New York 11231

June 3, 2024

GEOPHYSICAL IMAGES

145-165 Wolcott Street
Brooklyn, New York 11231
June 3, 2024

GEOPHYSICAL IMAGES

145-165 Wolcott Street
Brooklyn, New York 11231
June 3, 2024

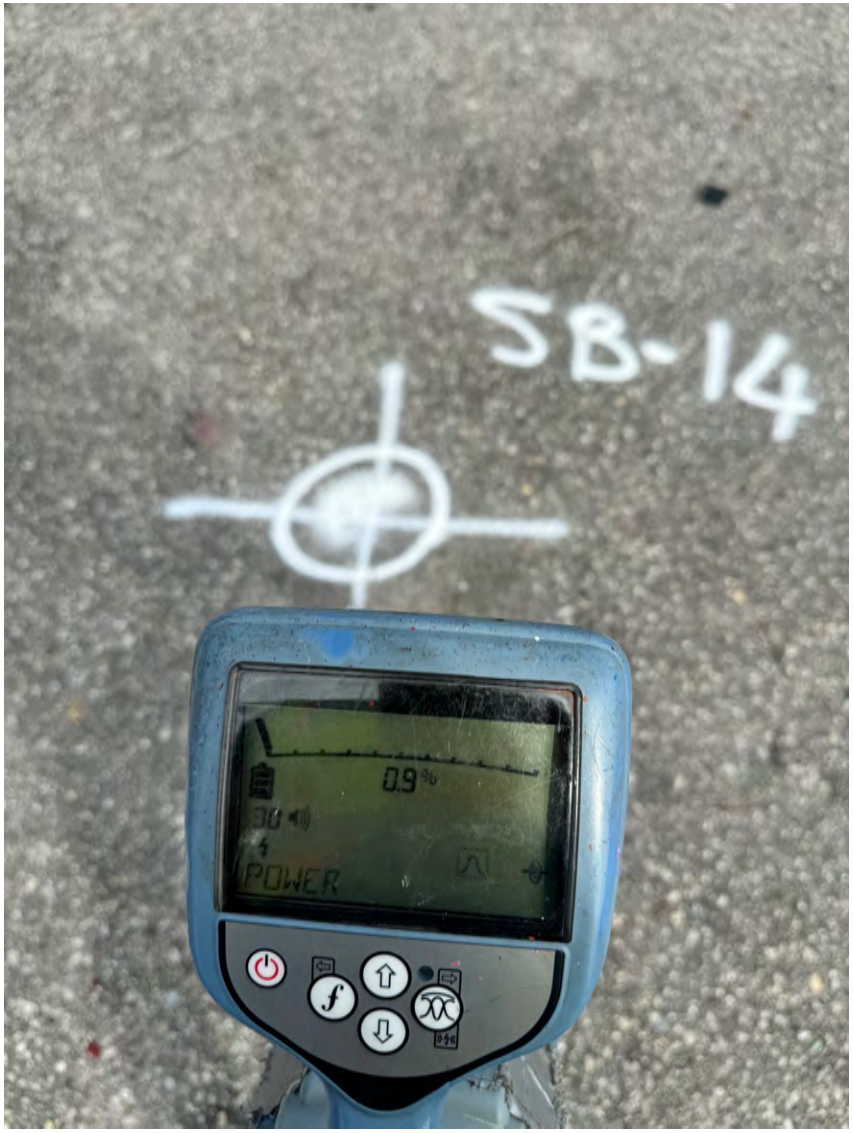
GEOPHYSICAL IMAGES

145-165 Wolcott Street

Brooklyn, New York 11231

June 3, 2024


SB-04


SB-14
0.9
POWER


SB-04
SENSORS & SOFTWARE
SPX

APPENDIX D

SOIL BORING LOGS

LANGAN

Log of Boring **SB12/MW-012** Sheet 1 of 1

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/4/2024 / Date Finished: 6/4/2024
Drilling Equipment: Geoprobe 7822DT; Hand Auger	Completion Depth: 20.0 ft / Rock Depth: Not Encountered
Size and Type of Bit: 2.5 in OD/2.25 in ID Direct Push	Number of Samples: Disturbed 4 / Undisturbed 0 / Core 0
Casing Diameter (in): N/A / Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 / Completion ▼ 8.8 / 24 HR. ▼ 9.3
Casing Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Chris Slaven
Sampler: 60-inch Macrocore	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Sample Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	CONCRETE	0	HA-1A				0.0	0-ft - Hand cleared with 4-inch diameter hand auger
		Dark brown fine SAND, trace silt, trace coarse to fine gravel, concrete, wood (moist) [FILL]	1					0.0	
			2					0.0	
			3	M-1	AU	0/60		0.0	
			4					0.0	
			5					0.0	
		Dark brown to light brown fine SAND, trace clay, trace fine gravel, glass (moist) [FILL]	6					0.1	5-ft - Advanced with 60-inch macrocore
			7	M-2	Macrocore	33/60		0.2	
			8					2.0	
			9					11.7	
	N/A		10					13.6	
		Dark brown to dark gray fine SAND, trace clay (wet) [SP]	11					16.1	
			12					6.2	
			13	M-3	Macrocore	46/60		14.5	12-ft to 13-ft - Mothball-like odor, black staining, positive sheen test
			14					17.6	
			15					18.3	
		Dark gray to dark brown fine SAND, trace clay (wet) [SP]	16					43.8	
			17	M-4A				30.6	
	N/A		18		Macrocore	43/60		36.4	Set 10-ft of 0.010-slot screen at 17-ft
		Dark brown to light brown CLAY, (>1/32 ribbon) (wet) [CL]	19	M-4B				14.4	
	N/A		20					10.4	
		End of Boring at 20.0ft.	21					14.1	
			22					7.5	
			23					2.3	
			24					2.1	
			25					0.6	
			26					0.3	
			27						
			28						

LANGAN

Log of Boring **SB13/MW-013** Sheet 1 of 1

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/5/2024 — Date Finished: 6/5/2024
Drilling Equipment: Geoprobe 7822DT	Completion Depth: 20.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5 in OD/2.25 in ID Direct Push	Number of Samples: Disturbed 5 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 7.5 — Completion ▼ 8.4 — 24 HR. ▽▼ 9.0
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Chris Slaven
Sampler: 60-inch Macrocore	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Sample Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	[CONCRETE]	0	M-1A				0.1	Langan Utility Clearance Exempted by Shareholder
	N/A	Dark light brown to dark gray fine to medium SAND, some fine subrounded gravel, trace silt, coal (fine sand lenses grey) (moist) [FILL]	1	M-2A				0.0	
		Black to speckled white gravelly medium SAND, trace silt, coal, some fine sand, coal ash, slag (fine gravel) (moist) [FILL]	2					0.0	
		Dark gray to speckled white gravelly medium SAND, trace silt, slag, fine gravel (moist) [FILL]	3		Macrocore	33/60		0.0	
		Black fine SAND, trace fine subrounded gravel, fibrous vegetation (moist) [FILL]	4	M-1D					
	N/A	Black medium SAND, trace silt, trace fine subangular gravel (moist) [FILL]	5	M-2A				0.3	
	N/A	Light brown to dark brown fine SAND, trace silt, trace fine subangular gravel, coal (moist) [FILL]	6	M-2B				0.3	
		Black fine SAND, some fine subrounded gravel, trace silt (moist) [SP-SM] ▽		M-2C				0.2	
		Dark gray fine SAND, trace silt, trace subrounded gravel (wet) [SP-SM] ▼	7	M-2D				8.5	
		Light brown fine SAND, some medium sand, trace fine subrounded gravel, trace silt (wet) [SP-SM] ▽▼	8		Macrocore	42/60		30.7	7-ft to 8-ft - Petroleum-like odor, black staining, positive sheen test
		Dark gray to brown fine SAND, fine subrounded gravel lenses, trace silt (wet) [SP-SM]	9	M-2E				6.7	
			10					45.8	
			11					15.7	
			12	M-3A				0.8	
			13					1.4	
		Black fine SAND, trace silt, wood (wet) [SP-SM]						56.1	
		Black to dark brown fine SAND, some silt, wood (wet) [SP-SM]	14	M-3B	Macrocore	57/60		34.0	
		Light brown fine SAND, trace coarse subrounded gravel, trace silt, (fining downward) (wet) [SP-SM]		M-3C				7.8	
		Dark brown to light brown fine SAND, trace fine gravel, trace silt (wet) [SP-SM]	15	M-3D				6.8	
			16					2.4	
			17					1.7	
			18					1.3	
			19					1.1	
			20	M-4A				5.3	
			21					10.5	
			22					2.2	
			23					5.7	
			24					6.4	17-ft to 18-ft - Petroleum-like odor, black staining, positive sheen test
			25		Macrocore	58/60		0.2	Set 10-ft of 0.010-slot screen at 17-ft
			26					0.1	
		Light brown fine SAND, some silt (wet) [SP-SM]	27					0.0	
	N/A	Light brown medium SAND, trace gravel, trace silt (wet) [SP-SM]	28	M-4B				0.0	
		End of Boring at 20.0ft.		M-4C					

LANGAN

Log of Boring **SB14/MW-014** Sheet 1 of 1

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/5/2024 — Date Finished: 6/5/2024
Drilling Equipment: Geoprobe 7822DT	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push	Number of Samples: Disturbed 3 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 — Completion ▼ 9.2 — 24 HR. ▼ 9.4
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Chris Slaven
Sampler: 60-inch Macrocore	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	ASPHALT	0	PD-1 A	DIST	0/3		1.2	Langan Utility Clearance Exempted by Shareholder
	N/A	Light brown to dark brown fine SAND, trace silt, concrete, brick, coal, coal ash (dry) [FILL]	1	PD-1 B				2.0	
			2					1.7	
			3	M-1	Macrocore	48/57		1.3	
			4					0.5	
			5					0.0	
		Light brown fine SAND, brick, construction debris, trace fine to coarse subrounded gravel (dry) [FILL]	6	M-2A				0.0	
	N/A		7					0.0	
		Dark gray to dark brown fine SAND, trace fine subrounded gravel, trace silt (moist) [SP-SM]	8	M-2B	Macrocore	38/60		0.0	
			9					0.0	
	N/A		10					12.3	
		Dark brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SC]	11					529.0	8-ft to 8.5-ft - Petroleum-like odor, black staining, positive sheen test
			12					61.4	
			13	M-3	Macrocore	44/60		381.0	10.5-ft to 11-ft - Petroleum-like odor, black staining, positive sheen test
			14					613.4	
	N/A		15					63.1	
		End of Boring at 15.0ft.	16					31.5	
			17					10.4	
			18					17.8	
			19					2.4	
			20						Set 10-ft of 0.010-slot screen at 15-ft
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						

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Log of Boring **SB15/MW-015** Sheet 1 of 1

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/4/2024 — Date Finished: 6/4/2024
Drilling Equipment: Geoprobe 7822DT	Completion Depth: 20.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5 in OD/2.25 in ID Direct Push	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 9.0 — Completion ▼ 7.3 — 24 HR. ▼ 7.1
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Chris Slaven
Sampler: 60-inch Macrocore	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	ASPHALT	0					6.1	Langan Utility Clearance Exempted by Shareholder
		Dark gray to dark brown fine SAND, trace silt, some coarse to fine gravel, brick, concrete, (moist) [FILL]	1					0.2	
								0.1	
			2					0.2	
				M-1	Macrocore	30/57		0.1	
			3					0.4	
			4						
	N/A								
		Dark brown to dark gray fine SAND, trace clay, trace fine gravel (wet) [SP]	5					11.4	5-ft to 6-ft - Mothball-like odor, negative sheen test
								2.5	
			6					40.3	
								3.1	
			7					2.6	
				M-2	Macrocore	24/60			
			8						
			9						
	N/A								
		Dark brown to dark gray CLAY, (slow dilatancy >1/32 ribbon) (wet) [CL]	10					0.1	
				M-3A				0.1	
	N/A								
		Dark brown to dark gray fine SAND, trace clay, trace coarse gravel (wet) [SP]	11					0.7	
								3.8	
			12					12.6	
								13.3	
			13	M-3B	Macrocore	46/60		1.3	
								1.0	
			14						
	N/A								
		Light brown CLAY, (slow dilatancy, >1/32 in ribbon) (wet) [CL]	15					0.0	
								0.5	
			16	M-4A				0.4	Set 10-ft of 0.010-slot screen at 16-ft
	N/A							0.1	
		Dark brown fine SAND, trace clay, trace fine gravel (wet) [SP]	17					0.7	
								0.4	
			18					1.7	18-ft to 20-ft - Mothball-like odor, negative sheen test
				M-4B	Macrocore	60/60		4.3	
			19					9.4	
								6.1	
	N/A		20						
		End of Boring at 20.0ft.							
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						

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Log of Boring **SB16/MW-03S** Sheet 1 of 1

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 8/4/2024 — Date Finished: 8/1/2024
Drilling Equipment: Versa Sonic	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: Sonic	Number of Samples: Disturbed 2, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0, Completion ▼ 11.4, 24 HR. ▼ 11.5
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Dylan Jewell
Sampler: 5-foot, 4-inch-diameter plastic sleeve	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Black fine SAND, trace silt, trace fine to coarse gravel, concrete, metal (moist) [FILL]	0					0.0	Langan Utility Clearance Exempted by Shareholder
			1					3.3	
			2	M-1	Macrocore	24/60		0.9	0-ft to 5-ft - Tar-like odor, black staining
			3					9.4	
			4					5.6	
			5					80.8	
		Black fine SAND, trace silt, trace fine to coarse gravel, concrete, metal (moist) [FILL]	6	M-2A				60.0	
			7					62.5	6-ft to 7-ft - Petroleum-like odor, black staining
		Black to brownish gray tar-like material (tar), trace fine sand, wood (moist) [FILL]	8	M-2B				103.8	7-ft to 7.5-ft - Citrus-like odor, tacky, homogeneous tar-like material
		Black fine SAND, trace silt, trace fine gravel, construction debris (moist) [FILL]	9					33.6	7.5-ft to 8-ft - Creosote-like odor, black staining
			10 ▽					4.8	
			11 ▼	M-2C	Macrocore	43/120		9.8	
			12					14.6	
			13						
			14						
	N/A	End of Boring at 15.0ft.	15						
			16						Set 10-ft of 0.010-slot screen at 16 ft bgs
			17						
			18						
			19						
			20						
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						

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Log of Boring **SBD01** Sheet 1 of 3

Project: 145-165 Wolcott Street		Project No.: 170562203	
Location: Brooklyn, New York		Elevation and Datum: N/A	
Drilling Company: Coastal Environmental Solutions, Inc.		Date Started: 6/3/2024	Date Finished: 6/3/2024
Drilling Equipment: Versa Sonic; Hand Auger		Completion Depth: 85.0 ft	Rock Depth: Not Encountered
Size and Type of Bit: Sonic		Number of Samples: Disturbed 17	Undisturbed 0 / Core 0
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0	Completion ▼ N/A / 24 HR. ▼ N/A
Casing Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Chris Slaven	
Sampler: 4-inch OD Hand Auger; 5-foot, 4-inch-diameter plastic sleeve		Field Engineer: Lisa Cristiano	
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A		

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Sample Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	ASPHALT	0	HA-1 A				0.0	Hand cleared with 4-inch diameter hand auger
		Dark brown fine SAND, trace silt, trace coarse to fine gravel, brick, wood, glass, concrete (moist) [FILL]	1					0.0	
			2					0.0	
			3	HA-1 B	AU	0/60		0.0	
			4					0.0	
			5					0.0	
		Dark gray to brown fine SAND, trace silt, trace coarse gravel, brick, wood, glass (moist) [FILL]						3.2	
			6					14.7	
								21.8	
			7	M-1	Sonic	46/60		4.1	6.5-ft to 7-ft - Milled lumber with glue
								1.5	
			8					0.7	
								0.8	
			9					0.6	
	N/A	▽	10					9.5	
		Dark brown fine SAND, trace silt, trace fine gravel (wet) [SP-SM]						33.2	
			11					9.9	
								25.6	
			12	M-2	Sonic	46/60		24.2	
								28.5	
			13					9.4	
								6.6	
			14						
	N/A		15					0.3	
	N/A	Light brown to dark brown fine SAND, trace clay, trace fine gravel (wet) [SP]		M-3A				0.4	
			16					0.5	
	N/A	Light brown CLAY, (>-1/32 in ribbon) (wet) [CL]		M-3B				0.5	
			17					0.5	
		Dark brown fine SAND, trace clay, trace coarse to fine gravel (wet) [SP]			Sonic	45/60		0.4	
			18					3.0	
				M-3C				0.6	
			19						
			20					0.2	
		Brown to dark gray fine SAND, trace clay, trace fine to coarse gravel (wet) [SP]						0.2	
			21					0.0	
								0.2	
			22					0.2	
				M-4	Sonic	46/60		0.1	
			23					0.1	
								0.2	
			24						
			25					0.5	
		Dark gray fine SAND, trace clay, trace coarse gravel (wet) [SP]						0.3	
			26					0.3	
								0.2	
			27					0.2	
				M-5	Sonic	38/60		0.2	
			28						

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Log of Boring **SBD01** Sheet 2 of 3

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		28					0.4	
			29						
	N/A		30					0.2	
		Dark gray fine SAND, trace silt (wet) [SP-SM]	31	M-6	Sonic	43/60		0.2	
			32					0.3	
			33					0.2	
			34					0.2	
	N/A		35					0.2	
		Dark gray fine SAND, trace silt (wet) [SP]	36					0.2	
			37	M-7A	Sonic	45/60		0.3	
	N/A		38					0.1	
		Dark brown fine SAND, some clay (wet) [SP-SC]	39	M-7B				0.2	
	N/A		40					0.1	
		Dark gray fine SAND, trace silt (wet) [SP-SM]	41					0.1	
			42	M-8	Sonic	46/60		0.1	
			43					0.1	
			44					0.1	
			45					0.2	
		Dark gray fine SAND, trace silt (wet) [SP-SM]	46					0.2	
			47	M-9	Sonic	43/60		0.1	
			48					0.1	
			49					0.2	
			50					2.6	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	51					4.2	
			52	M-10	Sonic	40/60		0.0	
			53					0.1	
			54					0.1	
			55					0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	56					0.0	
			57	M-11	Sonic	44/60		0.0	
			58					0.0	
			59					0.0	
			60					0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	61					0.0	
			62	M-12	Sonic	40/60		0.1	
			63					0.1	
								0.2	
								0.0	

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Log of Boring **SBD01** Sheet 3 of 3

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		63					0.0	
			64						
			65					0.1	
		Dark brown fine SAND, trace silt (wet) [SP-SM]						0.0	
			66					0.0	
								0.1	
			67	M-13	Sonic	43/60		0.9	67-ft to 68.5-ft - Earthy-like odor
								1.9	
			68					3.4	
								3.1	
			69						
			70					1.5	70-ft to 71-ft - Earthy-like odor
		Dark brown fine SAND, trace silt (wet) [SP-SM]		M-14 A				1.3	
			71					3.7	
		Dark brown gravelly fine SAND, trace silt, some coarse subrounded gravel (wet) [SP-SM]						0.7	
			72					1.9	
					Sonic	36/60		2.9	
			73	M-14 B				1.3	
			74						
			75					3.4	75-ft to 78-ft - Earthy-like odor
		Dark brown fine SAND, trace silt, some coarse subrounded gravel (wet) [SP-SM]						2.0	
			76	M-15 A				9.1	
								1.9	
		Dark brown fine to medium SAND, trace silt, trace coarse to fine subrounded gravel (wet) [SP-SM]	77					10.3	
					Sonic	36/60		3.2	
			78					1.4	
				M-15 B					
			79						
			80					0.7	80-ft to 82-ft - Earthy-like odor
		Dark brown fine to medium SAND, trace silt (wet) [SP-SM]						1.1	
			81					6.2	
								1.8	
			82					1.6	
				M-16	Sonic	41/60		0.4	
			83					0.7	
			84						
	N/A		85						Boring backfilled to surface grade with clean soil cuttings and No.2 sand. Capped at grade with asphalt.
		End of Boring at 85.0ft.							
			86						
			87						
			88						
			89						
			90						
			91						
			92						
			93						
			94						
			95						
			96						
			97						
			98						

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Log of Boring **SBD02** Sheet 1 of 4

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/11/2024 / Date Finished: 6/11/2024
Drilling Equipment: Versa Sonic	Completion Depth: 100.0 ft / Rock Depth: Not Encountered
Size and Type of Bit: Sonic	Number of Samples: Disturbed 20 / Undisturbed 0 / Core 0
Casing Diameter (in): N/A / Casing Depth (ft): N/A	Water Level (ft.): First ▽ 9.0 / Completion ▼ N/A / 24 HR. ▼ N/A
Casing Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Nick Turro
Sampler: 5-foot, 4-inch-diameter plastic sleeve	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	ASPHALT	0	PD-1	DIST	0/3		0.0	Langan Utility Clearance Exempted by Shareholder
		Light brown to dark gray fine SAND, trace silt, trace fine subrounded gravel, wood, brick (moist) [FILL]	1	A PD-1 B				0.0 3.2	
		Hard, black tar-like material (tar) [FILL]	2					6.0	
		Light brown to dark gray fine SAND, trace silt, trace fine subrounded gravel, wood, brick (moist) [FILL]	3	M-1	Sonic	48/57		5.7 0.2	
			4					1.7 4.8	
			5					3.7 0.0	
		Light brown to dark gray fine SAND, trace silt, trace fine gravel, wood, brick (moist) [FILL]	6					0.0 0.0	
			7	M-2	Sonic	24/60		0.0	
			8						
			9 ▽						
	N/A		10					0.0	
		Light gray to light brown fine to medium SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	11					0.0 0.0	
			12	M-3	Sonic	46/60		0.0 0.0	
			13					0.0	
			14						
		Light brown fine to medium SAND, trace silt, trace fine gravel (wet) [SP-SM]	15					0.0	
			16					0.0 0.0	
			17	M-4	Sonic	49/60		0.0	
			18					0.0	
			19					0.0	
		Light gray to light brown SAND, trace silt (wet) [SP-SM]	20					0.0	
			21					0.0 0.0	
			22	M-5	Sonic	54/60		0.0	
			23					0.0	
			24					0.1 0.0	
		Light gray to light brown SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	25					0.1 0.0	
			26					0.0	
			27	M-6	Sonic	50/60		0.0 0.0	
			28						

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Log of Boring **SBD02** Sheet 2 of 4

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
		Light gray to light brown SAND, trace silt (wet) [SP-SM]	28					0.0	
			29					0.0	
			30					0.0	
			31	M-7	Sonic	50/60		0.0	
			32					0.0	
			33					0.0	
			34					0.1	
			35					0.0	
		Light gray to light brown SAND, trace silt (wet) [SP-SM]	36	M-8A	Sonic	48/60		0.0	
			37					0.0	
		Light brown fine SAND, some silt (wet) [SP-SM]	38	M-8B				0.0	
			39					0.0	
			40					0.0	
		Light brown fine SAND, some silt (wet) [SP-SM]	41	M-9	Sonic	52/60		0.0	
			42					0.0	
			43					0.0	
			44					0.0	
			45					0.0	
		Light brown fine SAND, some silt (wet) [SP-SM]	46	M-10 A	Sonic	40/60		0.0	
			47					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	48	M-10 B				0.0	
			49					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	50					0.0	
			51	M-11	Sonic	40/60		0.0	
			52					0.0	
			53					0.0	
			54					0.0	
			55					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	56	M-12	Sonic	54/60		0.0	
			57					0.0	
			58					0.0	
			59					0.0	
			60					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	61	M-13	Sonic	52/60		0.0	
			62					0.0	
			63					0.1	

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Log of Boring **SBD02** Sheet 3 of 4

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
		Light brown fine SAND, trace silt (wet) [SP-SM]	63					0.2	
			64					0.0	
			65					0.0	
			66					0.0	
			67	M-14 A	Sonic	45/60		0.0	
			68					0.0	
		Light brown to gray fine SAND, trace silt, some coarse to fine subangular gravel (wet) [SP-SM]	69	M-14 B				0.0	
		Light brown to gray fine to medium SAND, trace silt, trace fine to coarse gravel (wet) [SP-SM]	70					0.1	
			71					0.0	
			72	M-15	Sonic	38/60		0.1	
			73					0.2	
			74					0.1	
			75					0.0	
		Light brown medium to fine SAND, trace silt, trace fine gravel (wet) [SP-SM]	76					0.0	
			77	M-16	Sonic	44/60		0.0	
			78					0.0	
			79					0.0	
			80					0.0	
		Light brown fine to medium SAND, trace silt, trace fine gravel (wet) [SP-SM]	81					0.0	
			82	M-17	Sonic	42/60		0.0	
			83					0.0	
			84					0.0	
			85					0.0	
		Light brown fine to medium SAND, trace silt (wet) [SP-SM]	86					0.0	
			87	M-18	Sonic	42/60		0.0	
			88					0.0	
			89					0.0	
			90					0.0	
		Light brown fine to medium SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	91					0.0	
			92	M-19	Sonic	22/60		0.0	
			93					0.0	
			94					0.0	
			95					0.0	
		Light brown fine to medium SAND, trace silt (wet) [SP-SM]	96					0.0	
			97	M-20	Sonic	45/60		0.0	
			98					0.0	

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Log of Boring **SBD02** Sheet 4 of 4

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		98					0.0	
			99					0.0	
	N/A		100						Boring backfilled to surface grade with clean soil cuttings and No.2 sand. Capped at grade with asphalt.
		End of Boring at 100.0ft.	101						
			102						
			103						
			104						
			105						
			106						
			107						
			108						
			109						
			110						
			111						
			112						
			113						
			114						
			115						
			116						
			117						
			118						
			119						
			120						
			121						
			122						
			123						
			124						
			125						
			126						
			127						
			128						
			129						
			130						
			131						
			132						
			133						

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Log of Boring **SBD03** Sheet 1 of 3

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/10/2024 — Date Finished: 6/10/2024
Drilling Equipment: Versa Sonic	Completion Depth: 85.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: Sonic	Number of Samples: Disturbed 16 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Nick Turro
Sampler: 5-foot, 4-inch-diameter plastic sleeve	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Sample Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	CONCRETE	0	PD-1 A	DIST	0/18		0.0	Langan Utility Clearance Exempted by Shareholder
			1	PD-1				0.0	
	N/A	Dark brown medium SAND, trace silt, some fine angular gravel, coal, wood, concrete (moist) [FILL]		B				0.0	
			2					0.0	
			3					0.0	
								0.0	
			4						
			5	M-1	Macrocore	24/102			
			6						
			7						
			8						
			9						
	N/A	▽	10					0.1	
		Dark gray fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]						1.0	
			11					0.3	
								0.2	
			12	M-2	Sonic	20/60			
			13						
			14						
			15					0.0	15-ft- Milled lumber with glue
		Dark gray fine SAND, trace silt, trace fine gravel (wet) [SP-SM]		M-3A				0.0	
	N/A		16					0.0	
		Light brown CLAY, trace fine sand, (slow dilatancy, >1/32 ribbon) (wet) [CL]						0.0	
			17					0.0	
				M-3B	Sonic	34/60		0.1	
			18						
			19						
	N/A		20					0.3	
		Dark brown fine SAND, trace coarse subangular gravel, trace clay (wet) [SP-SC]		M-4A				0.2	
	N/A		21					0.1	
		Light brown CLAY, trace fine sand, (slow dilatancy, >1/32 ribbon) (wet) [CL]						0.0	
			22					0.0	
				M-4B	Sonic	24/60			
			23						
			24						
			25					0.0	
	N/A	Light brown CLAY, trace fine sand, (slow dilatancy, >1/32 ribbon) (wet) [CL]		M-5A				0.0	
			26					0.0	
		Dark brown to speckled white medium to fine SAND, trace fine subangular gravel, trace clay (fining downward) (wet) [SP-SC]						0.1	
			27		Sonic	25/60		0.3	
			28						

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Log of Boring **SBD03** Sheet 2 of 3

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		28	M-5B					
	N/A		29						
		Light brown medium to fine SAND, trace silt, some coarse to fine subangular gravel (wet) [SP-SM]	30					0.0	
								0.0	
			31					0.1	
								0.0	
			32	M-6	Sonic	30/60		0.0	
								0.0	
			33						
			34						
			35					0.0	
		Light brown medium to fine SAND, trace silt, some coarse to fine gravel (wet) [SP-SM]		M-7A				0.0	
			36					0.0	
		Light brown to gray fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]						0.1	
			37					0.1	
				M-7B	Sonic	24/60			
			38						
			39						
			40					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]						0.0	
			41					0.0	
								0.0	
			42					0.0	
				M-8	Sonic	36/60		0.0	
			43					0.0	
			44						
			45					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]						0.0	
			46					0.0	
								0.0	
			47					0.0	
				M-9	Sonic	44/60		0.0	
			48					0.0	
			49					0.0	
			50					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]						0.0	
			51					0.0	
								0.0	
			52					0.0	
				M-10	Sonic	40/60		0.0	
			53					0.0	
			54						
			55					0.1	
		Light brown fine SAND, trace silt (wet) [SP-SM]						0.1	
			56					0.0	
								0.0	
			57					0.0	
				M-11	Sonic	51/60		0.0	
			58					0.0	
			59					0.0	
			60					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]						0.0	
			61					0.0	
								0.0	
			62					0.0	
				M-12	Sonic	49/60		0.0	
			63						

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Log of Boring **SBD03** Sheet 3 of 3

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		63					0.0	
			64					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	65					0.0	
			66	M-13	Sonic	48/60		0.0	
			67					0.0	
			68					0.0	
			69					0.0	
		Light brown to reddish brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	70					0.1	
			71	M-14	Sonic	40/60		0.3	71-ft to 74-ft - Earthy-like odor
			72					0.0	
			73					0.5	
		Light brown to gray fine SAND, trace silt, trace fine gravel (wet) [SP-SM]	74						
			75					0.0	
			76	M-15 A	Sonic	45/60		0.0	
		Dark gray to light brown fine SAND, trace silt, some coarse subangular gravel (wet) [SP-SM]	77					0.0	
			78	M-15 B				0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	79					0.0	
			80					0.0	
			81	M-16	Sonic	24/60		0.0	
			82					0.0	
			83					0.0	
			84						
	N/A	End of Boring at 85.0ft.	85						Boring backfilled to surface grade with clean soil cuttings and No.2 sand. Capped at grade with asphalt.
			86						
			87						
			88						
			89						
			90						
			91						
			92						
			93						
			94						
			95						
			96						
			97						
			98						

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Log of Boring **SBD04** Sheet 1 of 3

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/11/2024 — Date Finished: 6/11/2024
Drilling Equipment: Versa Sonic	Completion Depth: 85.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: Sonic	Number of Samples: Disturbed 16 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Nick Turro
Sampler: 5-foot, 4-inch-diameter plastic sleeve	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	ASPHALT	0	PD-1 A	DIST	0/6		0.0	Langan Utility Clearance Exempted by Shareholder
		Tan CONCRETE (dry) [CONCRETE]	1	PD-1 B				0.0	
		Dark brown to light brown fine to medium SAND, trace silt, trace fine to coarse gravel, coal, coalash, brick (moist) [FILL]	2	M-1A				0.0	
								0.0	
			3					0.0	
			4						
			5	M-1B	Sonic	24/114			
			6						
			7						
			8						
			9						
	N/A	▽	10					77.6	10-ft to 15-ft- Petroleum-like odor, black staining, positive sheen test
		Black fine SAND, trace silt (wet) [SP-SM]						57.4	
			11					78.9	
								85.3	
			12					43.0	
				M-2	Sonic	46/60		135.6	
			13					54.6	
								116.1	
			14						
			15					74.6	15-ft to 16-ft- Petroleum-like odor, black staining, positive sheen test 16-ft to 18.5-ft- Petroleum-like odor, negative sheen test
		Black to dark brown fine SAND, trace silt (wet) [SP-SM]						168.7	
			16					145.0	
								88.8	
			17					112.4	
				M-3	Sonic	0/60		63.6	
			18					86.6	
			19						
			20					0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]						0.0	
			21					0.0	
								0.3	
			22					0.1	
				M-4	Sonic	30/60		0.0	
			23						
			24						
			25					0.0	
		Dark brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]						0.0	
			26					0.0	
								0.0	
			27					0.2	
				M-5	Sonic	49/60		0.0	
			28						

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Log of Boring **SBD04** Sheet 2 of 3

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
		Dark brown fine SAND, trace silt (wet) [SP-SM]	28					0.0	
			29					0.0	
			30					0.0	
			31	M-6	Sonic	36/60		0.0	
			32					0.0	
			33					0.0	
			34					0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	35					0.0	
			36					0.0	
			37	M-7	Sonic	43/60		0.0	
			38					0.0	
			39					0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	40					0.0	
			41					0.0	
			42	M-8	Sonic	50/60		0.0	
			43					0.0	
			44					0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	45					0.0	
			46	M-9A				0.0	
		Dark brown fine SAND, some silt (wet) [SP-SM]	47	M-9B	Sonic	52/60		0.0	
			48					0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	49	M-9C				0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	50					0.0	
			51					0.0	
			52	M-10	Sonic	48/60		0.0	
			53					0.0	
			54					0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	55					0.0	
			56					0.0	
			57	M-11	Sonic	42/60		0.0	
			58					0.0	
			59					0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	60					0.0	
			61					0.1	
			62	M-12	Sonic	43/60		1.5	62-ft to 64-ft - Earthy-like odor
			63					3.6	

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Log of Boring **SBD04** Sheet 3 of 3

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		63					7.4	
								7.6	
			64						
		Dark brown fine SAND, trace silt (wet) [SP-SM]	65					0.7	65-ft to 69-ft - Earthy-like odor
								6.6	
			66					7.0	
								5.7	
			67	M-13	Sonic	43/60		11.3	
								9.1	
			68					3.5	
								17.6	
			69						
		Dark brown fine SAND, some silt (wet) [SP-SM]	70					0.0	
								0.0	
			71					0.0	
								0.0	
			72					0.0	
				M-14	Sonic	48/60		0.0	
			73					0.0	
								0.0	
			74					0.0	
		Dark brown fine SAND, some silt (wet) [SP-SM]	75					0.0	
								0.0	
			76					0.0	
				M-15 A				0.0	
			77					0.0	
					Sonic	43/60		0.0	
		Dark brown fine to medium SAND, trace silt, some coarse to fine subangular gravel (wet) [SP-SM]	78					0.0	
				M-15 B					
			79						
								0.0	
		Dark brown fine to medium SAND, trace silt, some coarse to fine gravel (wet) [SP-SM]	80					0.0	
								0.0	
			81					0.0	
								0.0	
			82					0.0	
				M-16	Sonic	43/60		0.0	
			83					0.0	
								0.0	
	N/A		84						
		End of Boring at 85.0ft.	85						Boring backfilled to surface grade with clean soil cuttings and No.2 sand. Capped at grade with asphalt.
			86						
			87						
			88						
			89						
			90						
			91						
			92						
			93						
			94						
			95						
			96						
			97						
			98						

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Log of Boring **SBD05** Sheet 1 of 3

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/7/2024 — Date Finished: 6/7/2024
Drilling Equipment: Versa Sonic	Completion Depth: 85.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: Sonic	Number of Samples: Disturbed 16 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Chris Slaven
Sampler: 5-foot, 4-inch-diameter plastic sleeve	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	CONCRETE	0						Langan Utility Clearance Exempted by Shareholder
			1						
			2	PD-1 A	DIST	0/48			
			3						
	N/A		4	PD-1 B				0.0	
		Dark gray to dark brown fine to medium SAND, trace silt, some fine to coarse subrounded to subangular gravel, concrete, glass, brick, coal (moist) [FILL]	5					0.0	
			6					0.0	
			7	M-1	Macrocore	28/72		0.0	
			8						
			9						
			10 ▽					0.3	
		Dark gray to dark brown SAND, trace fine subrounded gravel, concrete, glass (wet) [FILL]	11					0.1	
			12	M-2	Macrocore	18/60		0.1	
			13					0.1	
			14						
			15					0.9	
		Dark gray to dark brown gravelly medium SAND, wood, glass, trace silt (wet) [FILL]	16	M-3A				0.4	
	N/A		17					0.3	
		Dark gray fine SAND, trace silt, trace coarse subrounded gravel (wet) [SP-SM]	18	M-3B	Macrocore	40/60		0.4	
			19					2.2	17-ft to 18.5-ft - Petroleum-like odor, black staining, positive sheen test
			20					16.0	
		Dark gray to dark brown fine SAND, trace silt, trace coarse subrounded gravel (wet) [SP-SM]	21					82.8	
			22	M-4	Macrocore	39/60		4.9	20-ft to 22-ft- Petroleum-like odor, black staining, positive sheen test; rusted, metal rod found at 20-ft
			23					13.6	
			24					13.6	
			25					8.6	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	26					1.6	
			27	M-5	Macrocore	40/60		1.2	
			28					0.7	
								0.1	
								0.2	
								0.2	
								0.1	
								0.2	
								0.1	

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Log of Boring **SBD05**

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
			28					0.2	
			29						
		Dark brown fine SAND, trace silt (wet) [SP-SM]	30					0.1	
			31	M-6	Macrocore	45/60		0.2	
			32					0.1	
			33					0.1	
			34					0.1	
			35					0.2	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	36					0.1	
			37	M-7	Macrocore	45/60		0.1	
			38					0.1	
			39					0.1	
			40					0.1	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	41					0.2	
			42	M-8	Macrocore	43/60		0.0	
			43					0.1	
			44					0.1	
			45					0.2	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	46					0.1	
			47	M-9	Macrocore	40/60		0.1	
			48					0.1	
			49					0.2	
			50					0.1	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	51					0.1	
			52	M-10	Macrocore	55/60		0.0	
			53					0.1	
			54					0.1	
			55					0.1	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	56					0.0	
			57	M-11	Macrocore	38/60		0.0	
			58					0.1	
			59					0.1	
			60					0.1	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	61					0.0	
			62	M-12	Macrocore	40/60		0.0	
			63					0.0	
								0.1	
								0.0	

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Log of Boring **SBD05** Sheet 3 of 3

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		63						
			64						
		Dark brown fine SAND, trace silt (wet) [SP-SM]	65					0.0	
								0.0	
			66					0.0	
								0.1	
			67	M-13	Macrocore	40/60		0.0	
								0.1	
			68					0.0	
			69						
		Dark brown fine SAND, trace silt (wet) [SP-SM]	70					1.3	
								4.3	
			71					5.9	
								0.8	
			72	M-14	Macrocore	32/60		2.1	
								6.0	
			73						
			74						
		Dark brown fine SAND, trace silt (wet) [SP-SM]	75					2.7	
								4.7	
			76	M-15 A				6.6	
		Dark brown to gray fine SAND, trace silt (wet) [SP-SM]						24.8	76.5-ft to 77.5-ft - Earthy-like odor
	N/A		77	M-15 B				23.3	
		Gray to speckled white ROCK, trace fine sand (wet) [BOULDER]			Macrocore	44/60		4.8	
			78					0.6	
								0.3	
			79	M-15 C					
		Gray to speckled white ROCK, trace fine sand (wet) [BOULDER]	80					0.0	
	N/A			M-16 A				0.0	
		Dark brown fine SAND, trace silt (wet) [SP-SM]	81					0.1	
								0.1	
			82					0.2	
								0.1	
			83	M-16 B		40/60		0.1	
			84						
	N/A		85						Boring backfilled to surface grade with clean soil cuttings and No.2 sand. Capped at grade with asphalt.
		End of Boring at 85.0ft.							
			86						
			87						
			88						
			89						
			90						
			91						
			92						
			93						
			94						
			95						
			96						
			97						
			98						

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Log of Boring **SBD06** Sheet 1 of 3

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/12/2024 / Date Finished: 6/12/2024
Drilling Equipment: Versa Sonic	Completion Depth: 85.0 ft / Rock Depth: Not Encountered
Size and Type of Bit: Sonic	Number of Samples: Disturbed 16 / Undisturbed 0 / Core 0
Casing Diameter (in): N/A / Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 / Completion ▼ N/A / 24 HR. ⧩ N/A
Casing Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Nick Turro
Sampler: 5-foot, 4-inch-diameter plastic sleeve	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	CONCRETE	0	PD-1 A	DIST	0/6		0.0	Langan Utility Clearance Exempted by Shareholder
		Dark brown to gray fine SAND, some fine to coarse subangular to subrounded gravel, wood, coal, concrete, glass (moist) [FILL]	1	PD-1 B				0.1	
	N/A		2	M-1A				0.0	
		CONCRETE	3					0.0	
			4						
			5		Sonic	28/114			
			6	M-1B					
			7						
			8						
			9						
	N/A	▽	10					7.4	10-ft to 13-ft- Petroleum-like odor, black staining, positive sheen test
		Dark brown to dark gray fine SAND, trace silt, trace fine subangular gravel, wood (wet) [SP-SM]	11					34.8 / 52.1 / 11.2	11-ft to 11.5-ft- flaky, black solid
			12					34.5	
			13	M-2	Sonic	32/60		11.9	
			14						
			15					7.4	15-ft to 17-ft- Petroleum-like odor, black staining, positive sheen test
		Dark brown to dark gray fine SAND, trace silt, trace fine gravel (wet) [SP-SM]	16	M-3A				30.1 / 12.2 / 44.7	
	N/A		17					6.5	17-ft to 19-ft- gravel lenses, black staining in clay material
		Light brown to dark gray clayey fine SAND, trace fine subrounded gravel (wet) [SC]	18		Sonic	42/60		9.9 / 1.3	
			19	M-3B				0.7	
			20					27.2	20-ft to 21-ft- Petroleum-like odor, black staining, positive sheen test
	N/A	Light brown to dark gray clayey fine SAND, trace fine gravel (wet) [SC]		M-4A				28.7	
		Light brown CLAY, trace sand, (>1/32 ribbon, no dilatancy, 10 min settling) (wet) [MH]	21					2.2 / 1.1	20.50-ft- melted, liquid observed
			22					0.6 / 0.5	
			23	M-4B	Sonic	42/60		0.3 / 0.4	
			24						
			25					0.4 / 0.1	
		Light brown CLAY, trace sand, (>1/32 ribbon, no dilatancy, 10 min settling) (wet) [MH]	26	M-5A				0.0 / 0.1	
	N/A		27		Sonic	48/60		0.1	
	N/A	White ROCK (dry) [BOULDER]	28	M-5B				0.0	

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Log of Boring **SBD06** Sheet 2 of 3

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
		Light brown to gray fine SAND, some fine subangular gravel, trace silt,(wet) [SP-SM]	28					0.0	
								0.0	
			29	M-5C				0.0	
		Light brown to gray fine SAND, some fine to coarse subrounded gravel, trace silt (wet) [SP-SM]	30					0.1	
								0.0	
			31					0.0	
								0.0	
			32	M-6	Sonic	42/60		0.0	
								0.0	
			33					0.0	
								0.0	
			34						
		Light brown to gray fine SAND, trace fine subrounded gravel, trace silt (wet) [SP-SM]	35					0.0	
				M-7A				0.0	
		Light brown to gray medium to fine SAND, trace fine to coarse gravel, trace silt (wet) [SP-SM]	36	M-7B				0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]						0.0	
			37					0.1	
								0.0	
			38	M-7C	Sonic	40/60		0.0	
			39						
		Light brown fine SAND, trace silt (wet) [SP-SM]	40					0.0	
								0.0	
			41					0.0	
								0.0	
			42					0.0	
				M-8	Sonic	45/60		0.0	
			43					0.0	
								0.0	
			44						
		Light brown fine SAND, trace silt (wet) [SP-SM]	45					0.0	
								0.0	
			46					0.0	
								0.0	
			47					0.0	
				M-9	Sonic	42/60		0.0	
			48					0.0	
								0.0	
			49						
		Light brown fine SAND, trace silt, trace fine subangular gravel (wet) [SP-SM]	50					0.0	
								0.0	
			51					0.0	
								0.0	
			52					0.0	
				M-10	Sonic	36/60		0.0	
			53					0.0	
			54						
		Light brown fine SAND, trace silt (wet) [SP-SM]	55					0.0	
								0.0	
			56					0.0	
								0.0	
			57					0.0	
				M-11	Sonic	45/60		0.0	
			58					0.0	
								0.0	
			59						
		Light brown fine SAND, trace silt (wet) [SP-SM]	60					0.0	
								0.0	
			61					0.0	
								0.0	
			62					0.0	
				M-12	Sonic	42/60		0.0	
			63						

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Log of Boring **SBD06**

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		63					0.0	
			64					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	65					0.0	
			66					0.0	
			67	M-13	Sonic	38/60		0.0	
			68					0.0	
			69					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	70					0.0	
			71					0.0	
			72	M-14	Sonic	38/60		0.0	
			73					0.0	
			74					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	75					0.0	
			76					0.0	
			77	M-15	Sonic	40/60		0.0	
			78					0.0	
			79					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SM]	80					0.0	
			81					0.0	
			82	M-16	Sonic	38/60		0.0	
			83					0.0	
			84					0.0	
	N/A	End of Boring at 85.0ft.	85						Boring backfilled to surface grade with clean soil cuttings and No.2 sand. Capped at grade with asphalt.
			86						
			87						
			88						
			89						
			90						
			91						
			92						
			93						
			94						
			95						
			96						
			97						
			98						

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Log of Boring **SBD07/ MW-01D**

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 7/29/2024 — Date Finished: 7/30/2024
Drilling Equipment: Versa Sonic	Completion Depth: 90.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: Sonic	Number of Samples: Disturbed 11 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 — Completion ▼ 8.4 — 24 HR. ▼ 8.6
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Patrick Salvin/Dylan Jewell
Sampler: 5-foot, 4-inch-diameter plastic sleeve	Field Engineer: Gabriella DeGennaro/Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark brown fine SAND, trace silt, trace fine gravel, concrete (moist) [FILL]	0					2.6	Langan Utility Clearance Exempted by Shareholder
			1					99.6	
								151.4	
			2	M-1A	Sonic	50/60		88.6	
								24.4	
			3					9.0	
		Dark gray high viscous, immiscible fluid (moist) [FILL]						9.3	3-ft to 5.5-ft - Black, jelly-like product, chemical-like odor observed
			4	M-1B				3.0	
								1.5	
			5					1.7	
				M-2A				1.0	
		Yellowish grayish brown fine SAND, trace fine gravel, some silt (moist) [FILL]	6	M-2B				1.0	
		Dark brown to dark gray medium SAND, trace silt, trace fine gravel, concrete (moist) [FILL]						0.3	
			7					0.3	
		Reddish brown medium SAND, trace silt, trace fine to coarse gravel, brick, coal, glass, concrete (moist) [FILL]			Sonic	50/60		0.2	
			8	M-2C				0.2	
								0.3	
			9					0.2	
			10					8.0	
				M-3A				6.4	
		Dark brown medium SAND, trace fine gravel, brick, concrete, coal, metal (moist) [FILL]	11					58.9	
		Grayish light brown fine SAND, some silt, trace fine gravel (wet) [FILL]		M-3B				193.6	
			12					171.3	12-ft to 14 ft: - Black staining, diffuse upper and lower boundary, positive sheen test
								90.2	
		Light grayish brown fine SAND, some clay, trace fine to coarse gravel (wet) [FILL]	13					52.1	
								20.8	
			14					6.6	14-ft to 16-ft - Yellow granular material, chemical-like odor
								11.7	
			15		Sonic	74/120		85.7	
								34.1	
			16					36.4	
				M-3C					
			17						
			18						
			19						
			20					2.1	20 to 22 feet: Solvent-like odor
		Dark gray to black coarse SAND, some fine to coarse gravel, trace silt (wet) [FILL]						2.6	
			21	M-4A				2.5	
	N/A							3.3	
			22					4.0	
		Grayish brown medium SAND, trace silt, trace fine gravel (wet) [SP-SM]						3.5	
			23					1.8	
								4.1	
			24					1.9	
								0.7	
			25		Sonic	110/120		0.7	
								0.1	
			26	M-4B				0.1	
								0.5	
			27					0.8	
								0.3	
			28						

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Log of Boring **SBD07/ MW-01D**

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		28					0.9	
								0.6	
			29					0.0	
			30					0.0	
		Grayish brown medium SAND, some silt (wet) [SP-SM]						0.0	
			31					0.0	
								0.0	
			32					0.0	
								0.0	
			33					3.7	
								3.6	
			34					3.1	
								1.8	
			35	M-5	Sonic	85/120		1.1	
								3.1	
			36					2.2	
								1.4	
			37					1.1	
			38						
			39						
			40					0.0	
		Grayish brown medium SAND, some silt (wet) [SP-SM]						0.0	
			41					0.0	
								0.0	
			42					0.0	
				M-6A				0.0	
			43					0.0	
								0.0	
			44					0.0	
								0.0	
	N/A		45		Sonic	80/120		0.0	
		Light brown fine SAND, some clay (wet) [SP-SC]						0.0	
			46					0.0	
								0.0	
			47						
				M-6B					
			48						
			49						
			50					0.0	
		Light brown fine SAND, some clay (wet) [SP-SC]						0.0	
			51					0.0	
								0.0	
			52					0.0	
								0.0	
			53					0.0	
								0.0	
			54					0.0	
								0.0	
			55	M-7	Sonic	80/120		0.0	
								0.0	
			56					0.0	
								0.0	
			57						
			58						
			59						
			60					0.0	
		Light brown fine SAND, some clay (wet) [SP-SC]						0.0	
			61					0.2	
								7.8	
			62					1.8	
				M-8	Sonic	38/60		0.0	
			63						

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Log of Boring **SBD07/ MW-01D**

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		63						
			64						
		Light brown fine SAND, some clay (wet) [SP-SC]	65					0.0	SBD07_65-67
								0.0	
			66					0.0	
								0.9	
			67	M-9	Sonic	38/60		0.2	
								0.0	
			68					0.0	
			69						
		Light reddish brown fine SAND, some clay (wet) [SP-SC]	70					0.9	
								1.6	
			71					2.1	
								1.8	
			72	M-10	Sonic	41/60		1.9	
								2.3	
			73					2.0	
			74						
		Brown to reddish brown fine SAND, trace clay, trace fine to coarse gravel, cobbles (wet) [SP-SC]	75					0.6	SBD07_75-77
								0.4	
			76					0.5	
								0.4	
			77					0.4	
				M-11	Sonic	40/60		0.5	
			78					0.7	
			79						
	N/A		80					0.0	
		Light brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SC]						0.0	
			81					0.0	
								3.4	
			82					2.9	
								2.7	
			83					3.4	
								0.7	
			84					0.0	
								0.0	
			85	M-12				0.0	SBD07_85-87
								0.0	
			86						
			87						
			88						
			89						
	N/A		90						
		End of Boring at 90.0ft.	91						
			92						
			93						
			94						
			95						
			96						
			97						
			98						

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Log of Boring **SBD08/MW-02D** Sheet 1 of 3

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 7/30/2024 — Date Finished: 7/30/2024
Drilling Equipment: Versa Sonic	Completion Depth: 90.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: Sonic	Number of Samples: Disturbed 13 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 — Completion ▼ 10.8 — 24 HR. ▼ 10.8
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Dylan Jewell
Sampler: 5-foot, 4-inch-diameter plastic sleeve	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	Dark gray ASPHALT (dry) [ASPHALT]	0	M-1A				0.0	Langan Utility Clearance Exempted by Shareholder
		Dark gray fine SAND, trace silt, some fine gravel, coal, concrete (moist) [FILL]	1					0.7	
								1.6	
			2					1.2	
								0.6	
			3					1.8	2.5-ft to 5-ft- tar-like odor, tacky in sandy material, black staining
								17.6	
			4					13.8	
								146.9	
			5	M-1B	Macrocore	48/120			
			6						
			7						
			8						
			9						
			10 ▽					6.2	10-ft to 14-ft- creosote-like odor, black staining
		Black fine SAND, trace silt, trace fine gravel, coal, construction debris (moist) [FILL]	11 ▼					14.6	
								19.2	
			12					39.5	
				M-2	Macrocore	45/60		17.4	
			13					64.4	
								90.5	
			14					12.4	
			15					0.0	
		Black fine SAND, trace silt, trace fine gravel, coal, construction debris (wet) [FILL]						0.0	
			16	M-3A				0.1	
	N/A							0.7	16.5-ft 17.5-ft- creosote-like odor, black staining
		Dark gray fine SAND, trace silt, trace fine gravel (wet) [SP-SC]	17					34.2	
								3.0	
			18					1.6	
				M-3B	Macrocore	45/60		1.1	
			19						
			20					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SC]						0.0	
			21					0.0	
								0.0	
			22					0.0	
								0.0	
			23	M-4	Macrocore	36/80		0.0	
			24						
			25						
			26						
		Light brown fine SAND, trace silt (wet) [SP-SC]	27					0.0	
								0.0	
			28					0.0	

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Log of Boring **SBD08/ MW-02D**

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
		Light brown fine SAND, trace silt (wet) [SP-SC]	28–33	M-5	Macrocore	45/80		0.0, 0.0, 0.0, 0.0, 0.0	
		Light brown fine SAND, trace silt (wet) [SP-SC]	33–40	M-6	Macrocore	44/80		0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	
		Light brown fine SAND, trace silt (wet) [SP-SC]	40–47	M-7	Macrocore	58/80			
		Light brown fine SAND, trace silt (wet) [SP-SC]	47–53	M-8	Macrocore	56/80		0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	
		Light brown fine SAND, trace silt (wet) [SP-SC]	53–60	M-9	Macrocore	58/80		0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	
		Light brown fine SAND, trace silt (wet) [SP-SC]	60–63					0.0, 0.0, 0.0, 0.0, 0.0, 0.0	

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Log of Boring **SBD08/ MW-02D**

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		63					0.0	
			64					0.0	
			65	M-10	Macrocore	66/120		0.0	SBD08_65-67
			66					0.0	
			67						
			68						
			69						
		Light brown fine SAND, trace silt (wet) [SP-SC]	70					0.0	
			71	M-11 A				0.0	
			72					0.0	
	N/A		73	M-11 B				0.0	
	N/A	Light brown CLAY, trace fine sand (wet) [CL]							
		Light brown fine SAND, trace silt (wet) [SP-SC]	74					0.0	
			75	M-11 C	Macrocore	99/120		0.0	
	N/A								
	N/A	Light brown CLAY, trace fine sand (wet) [CL]	76	M-11 D				0.0	SBD08_76-78
		Light brown fine SAND, trace silt (wet) [SP-SC]	77					0.0	
			78	M-11 E				0.0	
			79					0.0	
			80					0.0	
		Light brown fine SAND, trace silt, trace coarse subrounded gravel (wet) [SP-SC]	81					0.0	
			82	M-12	Macrocore	45/60		0.0	
			83					0.0	
			84						
		Light reddish brown fine SAND, trace silt, trace coarse gravel (wet) [SP-SC]	85					0.0	
			86					0.0	SBD08_86-88
			87	M-13	Macrocore	48/60		0.0	
			88					0.0	
			89					0.0	
	N/A		90						
		End of Boring at 90.0ft.	91						
			92						
			93						
			94						
			95						
			96						
			97						
			98						

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Log of Boring **SBD09/ MW-03D**

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 8/1/2024 — Date Finished: 8/1/2024
Drilling Equipment: Versa Sonic	Completion Depth: 90.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: Sonic	Number of Samples: Disturbed 13 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 — Completion ▼ 11.5 — 24 HR. ▼ 11.5
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Dylan Jewell
Sampler: 5-foot, 4-inch-diameter plastic sleeve	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	[CONCRETE] Grayish brown medium SAND, trace silt, trace fine to coarse gravel, concrete, glass (moist) [FILL]	0					0.0	Langan Utility Clearance Exempted by Shareholder
			1					0.1	
								1.7	Advanced 0-ft to 20-ft bgs on 7/23/2024
			2					1.1	0-ft to 5-ft - Black staining, petroleum-like odor, positive sheen test
				M-1	Sonic	36/60		2.0	
			3					1.8	
			4						
	N/A		5					12.9	5-ft to 18-ft - Black staining, free-phase petroleum-like product, positive sheen test
		Black fine SAND, trace fine gravel (wet) [FILL]						8.5	
			6					8.6	
								9.2	
			7					False	
				M-2	Sonic	60/60		3.2	
			8					8.3	
								6.8	
			9					False	
	N/A	▽						6.2	
			10					5.7	
		Black fine SAND, trace fine gravel (wet) [FILL]						8.6	
		▼	11					8.9	
								9.1	
			12					9.0	
				M-3				9.5	
			13					12.1	
								14.8	
			14					13.5	
	N/A							13.8	
			15					15.6	
		Black to gray fine SAND, trace fine gravel (wet) [FILL]						15.1	
			16					14.3	
								14.3	
			17					14.2	
				M-4				48.9	
			18					159.8	18-ft to 20-ft - Black staining, petroleum-like odor, positive sheen test
								148.7	
			19					146.3	
	N/A								
			20						Advanced 20-ft to 30-ft bgs on 7/31/2024 by driving 8-inch-diameter casing and flushing soil with water. No soil recovered.
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						

LANGAN

Log of Boring **SBD09/ MW-03D**

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
			28						
			29						
		Light brown fine SAND, trace silt (wet) [SP-SC]	30					0.1	Advanced 30-ft to 90-ft bgs on 8/1/2024 by driving 4-inch-diameter casing to boring termination.
			31					0.1	
			32					0.0	
			33					0.0	
			34					0.0	
			35	M-1	Macrocore	72/120		0.1	
			36					0.2	
			37					0.0	
			38					0.0	
			39					0.2	
			40					0.2	
		Light brown fine SAND, trace silt (wet) [SP-SC]	41					0.4	40-ft to 41.5-ft - Yellow staining
			42					0.0	
			43	M-2	Macrocore	35/60		0.0	
			44					0.0	
			45					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SC]	46					0.0	
			47					0.0	
			48					0.0	
			49	M-3	Macrocore	45/60		0.0	
			50					0.0	
			51					0.0	
		Light brown fine SAND, trace silt (wet) [SP-SC]	52					0.0	
			53					0.0	
			54					0.0	
			55	M-4	Macrocore	36/60		0.0	
			56					0.0	
			57					0.0	
			58					0.0	
			59					0.0	
			60					0.0	
		Light brown fine SAND, trace silt, trace coarse to fine gravel (wet) [SP-SC]	61					0.0	
			62					0.0	
			63					0.0	
				M-5	Macrocore	48/60		0.0	
				M-6	Macrocore	45/60		0.0	

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Log of Boring **SBD09/ MW-03D**

Project	Project No.
145-165 Wolcott Street	170562203
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		63					0.0	
			64					0.0	
		Light brown fine SAND, trace silt, trace coarse to fine gravel (wet) [SP-SC]	65					0.0	SBD09_65_67
	N/A		66	M-7A				0.0	
	N/A	Light brown CLAY, trace fine sand (wet) [CL]		M-7B				0.0	
		Light brown fine SAND, trace silt (wet) [SP-SC]	67		Macrocore	36/60		0.0	
			68	M-7C				0.0	
			69						
		Light brown fine SAND, trace silt, trace fine gravel (wet) [SP-SC]	70					0.0	
			71					0.0	
			72	M-8	Macrocore	36/60		0.0	
			73					0.0	
			74						
		Light brown fine SAND, trace silt (wet) [SP-SC]	75					0.0	SBD09_75-77
			76					0.0	
			77	M-9	Macrocore	28/60		0.0	
			78						
			79						
		Light brown fine SAND, trace silt, some fine to coarse gravel (wet) [SP-SC]	80					0.0	
			81					0.0	
			82	M-10	Macrocore	40/60		0.0	
			83					0.0	
			84						
		Light brown fine SAND, trace silt, some fine to coarse gravel (wet) [SP-SC]	85					0.0	
			86					0.0	SBD09_86-88
			87	M-11	Macrocore	45/60		0.0	
			88					0.0	
			89						
	N/A		90						
		End of Boring at 90.0ft.	91						
			92						
			93						
			94						
			95						
			96						
			97						
			98						

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Log of Boring **SBT-C** Sheet 1 of 1

Project: 145-165 Wolcott Street		Project No.: 170562203	
Location: Brooklyn, New York		Elevation and Datum: N/A	
Drilling Company: Coastal Environmental Solutions, Inc.		Date Started: 6/6/2024	Date Finished: 6/6/2024
Drilling Equipment: Geoprobe 7822 DT		Completion Depth: 20.0 ft	Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push		Number of Samples: Disturbed 4	Undisturbed 0 / Core 0
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0	Completion ▼ N/A / 24 HR. ▼ N/A
Casing Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Nick Turro	
Sampler: 60-inch Macrocore		Field Engineer: Lisa Cristiano	
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A		

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	ASPHALT	0	PD-1	DIST	0/3		0.2	Langan Utility Clearance Exempted by Shareholder
	N/A	Dark gray to light brown SAND, some fine subangular gravel, coal, coal ash, wood (dry) [FILL]	1	A PD-1 B				0.1 0.1	
		Hard, black, tar-like material (tar) [FILL]	2	M-1A	Macrocore	41/57		2.9 9.5	
		Light brown to gray fine SAND, trace silt, (slag observed, sticky yellow material) (moist) [FILL]	3					14.2 6.7	
			4	M-1B					
		Light brown to tan fine SAND, trace silt, coal, trace fine subrounded gravel (moist) [FILL]	5					2.0	
		Hard, black, tar-like material (tar) [FILL]	6	M-2A				29.7 19.9	
		Black to speckled white fine SAND, trace fine subrounded gravel, (tar) (moist) [FILL]	7					24.1	
			8	M-2B	Macrocore	20/60			
			9						
			10					9.0	
		Hard, black, tar-like material (tar) [FILL]	11	M-3A				10.2 5.1	
	N/A							20.3	
		Light brown to dark gray fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	12					34.9	
		Black fine SAND, trace fine gravel, (tar) (moist) [FILL]	13	M-3B	Macrocore	46/60		32.5 41.1	
			14					29.2	
			15					9.4	
		Hard, black, tar-like material (tar) [FILL]	16					28.5 5.4	
		Dark gray to dark brown fine SAND, trace silt, trace fine gravel (wet) [SP-SM]	17					6.3 4.4	
			18	M-4	Macrocore	55/60		24.3 44.6	
			19					19.7 25.5	
	N/A							4.8	
		End of Boring at 20.0ft.	20						Boring backfilled to surface grade with clean soil cuttings and No. 2 sand. Capped at grade with asphalt.
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						

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Log of Boring **SBT-E** Sheet 1 of 1

Project: 145-165 Wolcott Street		Project No.: 170562203	
Location: Brooklyn, New York		Elevation and Datum: N/A	
Drilling Company: Coastal Environmental Solutions, Inc.		Date Started: 6/6/2024	Date Finished: 6/6/2024
Drilling Equipment: Versa Sonic		Completion Depth: 25.0 ft	Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push		Number of Samples: Disturbed 5	Undisturbed 0 / Core 0
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0	Completion ▼ N/A / 24 HR. ▼ N/A
Casing Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Chris Slaven	
Sampler: 60-inch Macrocore		Field Engineer: Lisa Cristiano	
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A		

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	ASPHALT	0	PD-1 A	DIST	0/6		1.3	Langan Utility Clearance Exempted by Shareholder
	N/A	Dark gray to reddish brown fine SAND, trace silt, trace fine to coarse subangular gravel, coal, coal ash, brick, wood, concrete (moist) [FILL]	1	PD-1 B				0.2	
			2					5.3	
			3	M-1	Macrocore	33/54		1.9	
			4					0.5	
			5					0.2	
		Dark brown to tannish brown fine SAND, trace fine gravel, wood, brick (moist) [FILL]	6					0.4	5-ft to 7-ft - Yellow, tacky material
			7	M-2	Macrocore	25/60		0.8	
			8					14.9	
			9					16.9	
			10					6.9	
		Hard, black, tar-like material (tar) [FILL]	11	M-3A				1.5	
	N/A	Black to yellow fine SAND, wood, trace fine subangular gravel, trace silt (wet) [FILL]	12					13.5	
		Dark brown fine SAND, trace silt, trace fine to coarse subrounded gravel (wet) [SP-SM]	13	M-3B	Macrocore	31/60		5.0	11-ft to 11.5-ft - Yellow, tacky material
			14					11.7	
			15					8.2	
		Dark gray fine SAND, trace silt, trace fine to coarse subangular gravel (wet) [SP-SM]	16					21.2	
			17	M-4A				1.0	
	N/A		18					0.8	
	N/A	Red BRICKS, trace fine sand (wet) [FILL]	19	M-4B	Macrocore	41/60		5.1	
		Dark gray fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	20					12.1	
			21	M-4C				8.7	
		Dark gray fine SAND, trace silt, trace fine gravel (wet) [SP-SM]	22					18.9	17.5-ft to 20-ft - Petroleum-like odor, black staining, positive sheen test
			23					4.0	
			24					58.8	
	N/A		25	M-5	Macrocore	54/60		0.9	
		End of Boring at 25.0ft.	26					1.2	
			27					1.1	
			28					0.9	
								7.8	
								5.9	
								2.8	
								4.4	
								2.3	
									Boring backfilled to surface grade with clean soil cuttings and No. 2 sand. Capped at grade with asphalt.

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Log of Boring **SBT-N** Sheet 1 of 1

Project: 145-165 Wolcott Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 6/6/2024 — Date Finished: 6/6/2024
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Nick Turro
Sampler: 60-inch Macrocore	Field Engineer: Lisa Cristiano
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Sample Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A				DIST				
	N/A	ASPHALT	0	PD-1 A		0/3		0.2	Langan Utility Clearance Exempted by Shareholder
	N/A	Dark brown to tan fine SAND, trace fine to coarse subrounded gravel, brick (dry) [FILL]	1	PD-1 B				0.2	
			2					0.3	
								0.4	
			3	M-1	Macrocore	42/57		0.4	
								1.0	3-ft to 3.3-ft - Yellow, tacky material
			4					4.8	
								1.7	
		Dark brown to tan fine SAND, trace coarse to fine subangular gravel, brick (dry) [FILL]	5					0.6	
								0.3	
			6	M-2A				2.0	6-ft to 7-ft - Yellow, tacky material
	N/A							4.2	
		Light brown fine SAND, trace silt, trace fine subrounded gravel (moist) [SP-SM]	7					5.5	
								10.8	
			8	M-2B	Macrocore	35/60			
			9						
			▽						
		Dark gray to dark brown fine SAND, trace silt, trace coarse subrounded gravel (wet) [SP-SM]	10					1.3	
								5.0	
			11					0.2	
								19.1	
			12					14.1	
				M-3	Macrocore	44/60		9.3	
			13					34.5	13-ft to 14-ft - Petroleum-like odor, black staining, positive sheen test
								65.7	
			14						
		Dark gray to dark light brown fine SAND, trace silt, trace coarse gravel (wet) [SP-SM]	15					0.5	15-ft to 18-ft - Petroleum-like odor
								13.2	
			16					14.5	
								24.0	
			17					24.0	
				M-4	Macrocore	57/60		26.5	
			18					22.8	
								27.6	
			19					31.5	
	N/A		20						Boring backfilled to surface grade with clean soil cuttings and No. 2 sand. Capped at grade with asphalt.
		End of Boring at 20.0ft.	21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						

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Log of Boring **SBT-S** Sheet 1 of 1

Project: 145-165 Wolcott Street		Project No.: 170562203	
Location: Brooklyn, New York		Elevation and Datum: N/A	
Drilling Company: Coastal Environmental Solutions, Inc.		Date Started: 6/10/2024	Date Finished: 6/10/2024
Drilling Equipment: Geoprobe 7822DT		Completion Depth: 20.0 ft	Rock Depth: Not Encountered
Size and Type of Bit: 2.25 inch OD-2.0 inch ID direct push		Number of Samples: Disturbed 4	Undisturbed 0 / Core 0
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0	Completion ▼ N/A / 24 HR. ▼ N/A
Casing Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Nick Turro	
Sampler: 60-inch Macrocore		Field Engineer: Lisa Cristiano	
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A		

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	ASPHALT	0	PD-1 A	DIST	0/6		0.0	Langan Utility Clearance Exempted by Shareholder
		Dark brown to dark gray fine SAND, trace silt, some fine to coarse subangular gravel ,glass, brick (moist) [FILL]	1	PD-1 B				0.0	
			2					0.1	
			3	M-1	Macrocore	30/54		0.1	
			4					0.0	
	N/A		5					0.3	
		Dark gray fine SAND, trace silt, trace fine subangular gravel, lumber (moist) [FILL]	6					0.1	
			7	M-2	Macrocore	37/60		0.1	
			8					5.3	6-ft to 7-ft - Mothball-like odor, black to yellow staining, negative sheen test, tacky
			9					7.5	
	N/A	▽	10					35.8	
		Dark gray to black high viscous, immiscible fluid (wet) [FILL]	11	M-3A	Macrocore	56/60		32.1	
			12					14.3	
			13					3.0	10-ft to 14.5-ft - Mothball-like odor, black staining, negative sheen test
	N/A		14	M-3B				5.4	
		Light brown fine SAND, trace silt (wet) [SP-SM]	15					6.6	
	N/A							5.6	
		Dark gray to black high viscous, immiscible fluid (wet) [FILL]	16	M-4A				10.2	
	N/A		17					3.8	
		Light brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	18	M-4B	Macrocore	48/60		4.7	
			19					18.3	
	N/A		20					53.2	
		End of Boring at 20.0ft.	21					13.7	
			22					9.5	
			23					12.3	15.5-ft to 16.5-ft - Mothball-like odor, black staining, negative sheen test
			24					17.7	
			25					20.8	
			26					18.9	
			27					22.6	
			28					39.3	
								5.4	
								1.2	Boring backfilled to surface grade with clean soil cuttings and No. 2 sand. Capped at grade with asphalt.

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Log of Boring **SBT-S_40** Sheet 1 of 1

Project: 145-165 Wolcott Street		Project No.: 170562203	
Location: Brooklyn, New York		Elevation and Datum: N/A	
Drilling Company: Coastal Environmental Solutions, Inc.		Date Started: 6/6/2024	Date Finished: 6/6/2024
Drilling Equipment: Geoprobe 7822DT		Completion Depth: 25.0 ft	Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push		Number of Samples: Disturbed 5	Undisturbed 0 / Core 0
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0	Completion ▼ N/A / 24 HR. ▼ N/A
Casing Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Nick Turro	
Sampler: 60-inch Macrocore		Field Engineer: Lisa Cristiano	
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A		

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	CONCRETE	0	PD-1 A	DIST	0/6		1.2	Langan Utility Clearance Exempted by Shareholder
	N/A	Light brown fine SAND, trace silt, trace fine subrounded gravel, brick, concrete (moist) [FILL]	1	PD-1 B				0.5	
			2					0.9	
			3	M-1	Macrocore	30/54		0.2	
			4					0.4	
	N/A		5					0.4	
		Dark brown medium to fine SAND, trace silt, some fine subrounded gravel (moist) [SP-SM]	6	M-2A				1.0	
	N/A		7					7.2	
	N/A	Tan to black fine to medium SAND, trace silt (moist) [FILL]		M-2B				12.1	6.5-ft to 7-ft - Petroleum-like odor, black staining, positive sheen test
		Hard, yellow to black, tar-like material (tar) [FILL]	8					9.4	
		Light brown to dark brown fine SAND, trace silt (moist) [SP-SM]		M-2C				20.3	
			9						
			10 ▽					2.3	
		Light brown to dark gray fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	11					9.1	
								2.1	
			12	M-3	Macrocore	36/60		0.9	
								50.2	12-ft to 13-ft - Petroleum-like odor, black staining, positive sheen test
			13					54.0	
			14						
			15					0.9	
		Dark brown SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]						0.5	
			16					0.7	
								31.6	16.5-ft to 18-ft - Petroleum-like odor, black staining, positive sheen test
			17	M-4	Macrocore	32/60		45.0	
			18					18.7	
			19						
			20					21.3	20-ft to 21-ft - Petroleum-like odor, black staining, positive sheen test
		Dark brown to light brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]						39.3	
			21					78.2	
								12.2	
			22	M-5	Macrocore	48/60		6.3	
								2.7	
			23					1.8	
								1.5	
			24					0.9	
	N/A		25						Boring backfilled to surface grade with clean soil cuttings and No. 2 sand. Capped at grade with asphalt.
		End of Boring at 25.0ft.	26						
			27						
			28						

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Log of Boring **SBT-W_40** Sheet 1 of 1

Project: 145-165 Wolcott Street		Project No.: 170562203	
Location: Brooklyn, New York		Elevation and Datum: N/A	
Drilling Company: Coastal Environmental Solutions, Inc.		Date Started: 6/6/2024	Date Finished: 6/6/2024
Drilling Equipment: Geoprobe 7822DT		Completion Depth: 25.0 ft	Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push		Number of Samples: Disturbed 5	Undisturbed 0 / Core 0
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0	Completion ▼ N/A / 24 HR. ▼ N/A
Casing Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Nick Turro	
Sampler: 60-inch Macrocore		Field Engineer: Lisa Cristiano	
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A		

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	ASPHALT	0	PD-1 A	DST	0/3		0.0	Langan Utility Clearance Exempted by Shareholder
	N/A	Dark brown to speckled white fine SAND, trace silt, some fine subrounded gravel, brick, concrete, wood (moist) [FILL]	1	PD-1 B				0.2	
			2					0.3	
			3	M-1	Macrocore	38/57		0.3	
			4					0.4	
			5					0.2	
		Dark gray fine SAND, trace silt, trace fine subrounded gravel, brick (moist) [FILL]	6	M-2A				9.4	
			7	M-2B				0.3	
	N/A	Tan fine SAND, trace silt, wood (moist) [FILL]	8					3.0	
		Light brown to dark brown fine SAND, trace silt, trace fine subrounded gravel (moist) [SP-SM]	9	M-2C		32/60		6.4	
			10					9.2	6.5-ft to 7.3-ft - Yellow, tacky material
		Light brown to dark brown fine SAND, trace silt, trace fine gravel (wet) [SP-SM]	11					5.4	
			12					14.4	
			13	M-3	Macrocore	42/60		1.3	
			14					4.8	
			15					1.3	
		Light brown to dark brown fine SAND, trace silt, trace fine gravel (wet) [SP-SM]	16					0.8	
			17					1.6	
			18	M-4	Macrocore	50/60		0.7	
			19					0.7	
			20					0.4	
		Light brown to dark brown fine SAND, trace silt, trace fine gravel (wet) [SP-SM]	21					0.6	
			22					0.3	
			23	M-5	Macrocore	60/60		0.2	
			24					0.5	
			25					0.5	
	N/A	End of Boring at 25.0ft.	26					0.4	
			27					0.4	
			28					0.3	
								0.3	
								0.2	
								0.1	
								0.2	
								0.2	
								0.1	
								0.0	
								0.0	
								0.0	
								0.0	
								0.0	
								0.0	Boring backfilled to surface grade with clean soil cuttings and No. 2 sand. Capped at grade with asphalt.

APPENDIX E

GROUNDWATER MONITORING WELL CONSTRUCTION AND SAMPLING LOGS

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-012**

PROJECT		PROJECT NO.	
145-165 Wolcott Street		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 10.35 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		6/4/2024	6/4/2024
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Nick Turro	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A geoprobe 7822 DT was used to advance the boring to approximately 20 feet bgs. A two-inch-diameter PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen. The well screen was installed from approximately 7 to 17 feet bgs. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand pack, and the remaining borehole annulus was backfilled with clean sand to 12 inches bgs. The wells were grouted to surface grade and finished with a flush-mounted steel manhole cover encased in concrete and a locking j-plug.

WELL DEVELOPMENT DATA

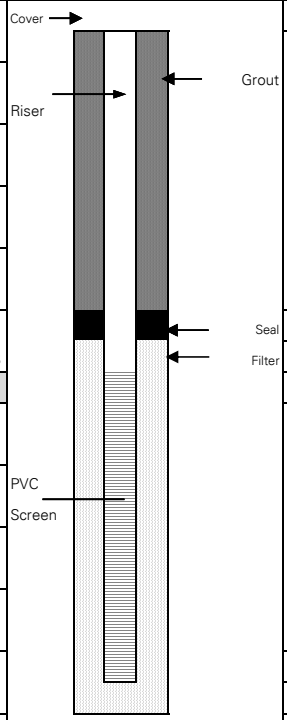
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1 LPM	Well developed until purged groundwater was no longer turbid
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF CASING	**ELEVATION**	**DEPTH (ft)**
	10.35	0.00
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	7.35	3.00
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	5.35	5.00
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	3.35	7.00
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-6.65	17.00
SCREEN LENGTH		
		10 feet
SLOT SIZE		
		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
1.53	6/5/2024	8.82 ft
1.07	7/1/2024	9.28 ft
1.59	8/7/2024	8.76 ft
0.95	8/13/2024	9.40

WELL DETAILS



SUMMARY SOIL CLASSIFICATION (See boring log SB12)	DEPTH (FT)
Top of Manhole Cover	0.0
Top of Seal	3.0
Top of Filter	5.0
Top of Screen	7.0
Bottom of Screen	17.0
Bottom of Boring	20.0

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-013**

PROJECT		PROJECT NO.	
145-165 Wolcott Street		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 10.11 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		6/5/2024	6/5/2024
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Nick Turro	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	None	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A geoprobe 7822 DT was used to advance the boring to approximately 20 feet bgs. A two-inch-diameter PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen. The well screen was installed from approximately 7 to 17 feet bgs. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand pack, and the remaining borehole annulus was backfilled with clean sand to 12 inches bgs. The wells were grouted to surface grade and finished with a flush-mounted steel manhole cover encased in concrete and a locking j-plug.

WELL DEVELOPMENT DATA

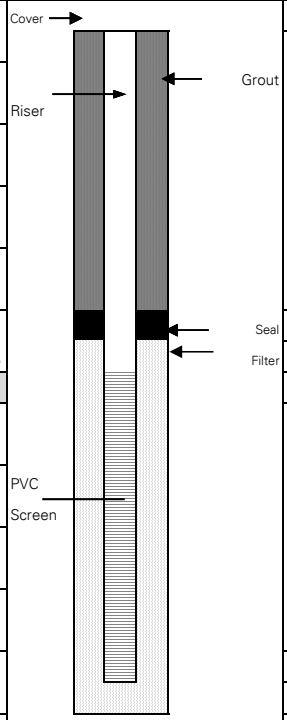
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1 LPM	Well developed until purged groundwater was no longer turbid
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF CASING	**ELEVATION** 10.11	**DEPTH (ft)** 0.00
TOP OF SEAL	**ELEVATION** 7.11	**DEPTH (ft)** 3.00
TOP OF FILTER	**ELEVATION** 5.11	**DEPTH (ft)** 5.00
TOP OF SCREEN	**ELEVATION** 3.11	**DEPTH (ft)** 7.00
BOTTOM OF BORING	**ELEVATION** -6.89	**DEPTH (ft)** 17.00
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
1.69	6/5/2024	8.42 ft
1.11	7/15/2024	9.00 ft
0.51	8/13/2024	9.60 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION (See boring log SB13)	DEPTH (FT)
Top of Manhole Cover	0.0
Top of Seal	3.0
Top of Filter	5.0
Top of Screen	7.0
Bottom of Screen	17.0
Bottom of Boring	20.0

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-014**

PROJECT		PROJECT NO.	
145-165 Wolcott Street		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 10.17 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		6/5/2024	6/5/2024
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Nick Turro	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	None	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A geoprobe 7822 DT was used to advance the boring to approximately 20 feet bgs. A two-inch-diameter PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen. The well screen was installed from approximately 5 to 15 feet bgs. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand pack, and the remaining borehole annulus was backfilled with clean sand to 12 inches bgs. The wells were grouted to surface grade and finished with a flush-mounted steel manhole cover encased in concrete and a locking j-plug.

WELL DEVELOPMENT DATA

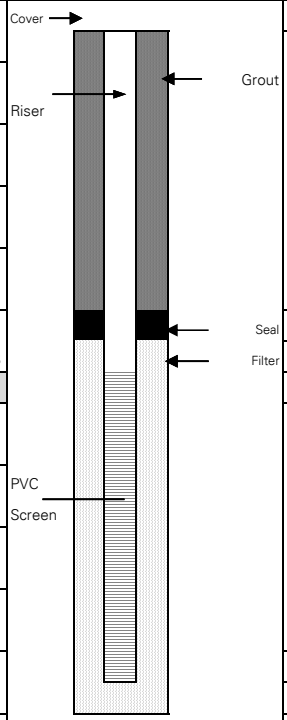
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1 LPM	Well developed until purged groundwater was no longer turbid
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF CASING	**ELEVATION** 10.17	**DEPTH (ft)** 0.00
TOP OF SEAL	**ELEVATION** 9.17	**DEPTH (ft)** 1.00
TOP OF FILTER	**ELEVATION** 7.17	**DEPTH (ft)** 3.00
TOP OF SCREEN	**ELEVATION** 5.17	**DEPTH (ft)** 5.00
BOTTOM OF BORING	**ELEVATION** -4.83	**DEPTH (ft)** 15.00
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
0.98	6/5/2024	9.19 ft
0.77	7/15/2024	9.40 ft
0.62	8/13/2024	9.55 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION (See boring log SB14)	DEPTH (FT)
Top of Manhole Cover	0.0
Top of Seal	1.0
Top of Filter	3.0
Top of Screen	5.0
Bottom of Screen	15.0
Bottom of Boring	20.0

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360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-015**

PROJECT		PROJECT NO.	
145-165 Wolcott Street		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 9.89 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		6/4/2024	6/4/2024
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Nick Turro	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	None	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A geoprobe 7822 DT was used to advance the boring to approximately 20 feet bgs. A two-inch-diameter PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen. The well screen was installed from approximately 6 to 16 feet bgs. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand pack, and the remaining borehole annulus was backfilled with clean sand to 12 inches bgs. The wells were grouted to surface grade and finished with a flush-mounted steel manhole cover encased in concrete and a locking j-plug.

WELL DEVELOPMENT DATA

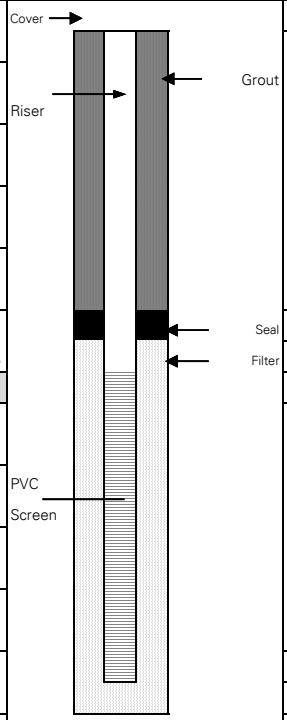
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1 LPM	Well developed until purged groundwater was no longer turbid
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF CASING	**ELEVATION** 9.89	**DEPTH (ft)** 0.00
TOP OF SEAL	**ELEVATION** 7.89	**DEPTH (ft)** 2.00
TOP OF FILTER	**ELEVATION** 5.89	**DEPTH (ft)** 4.00
TOP OF SCREEN	**ELEVATION** 3.89	**DEPTH (ft)** 6.00
BOTTOM OF BORING	**ELEVATION** -6.11	**DEPTH (ft)** 16.00
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
2.57	6/5/2024	7.32 ft
2.75	7/15/2024	7.14 ft
2.49	8/13/2024	7.4 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION (See boring log SB15)	DEPTH (FT)
Top of Manhole Cover	0.0
Top of Seal	2.0
Top of Filter	4.0
Top of Screen	6.0
Bottom of Screen	16.0
Bottom of Boring	20.0

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-01D**

PROJECT		PROJECT NO.	
145-165 Wolcott Street		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 10.01 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		7/30/2024	7/30/2024
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Dylan Jewell	
SIZE AND TYPE OF BIT		**INSPECTOR**	
4-inch Direct Push		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
6-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	Grout	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Versa-Sonic drill rig was used to advance the boring to approximately 95 feet bgs. A two-inch-diameter PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen. The well screen was installed from approximately 80 to 90 feet bgs, with a solid PVC sump installed from 90 to 95 feet bgs. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand pack. The remaining borehole annulus was backfilled with grout to surface grade and the well was finished with a flush-mounted steel manhole cover encased in concrete and a locking j-plug.

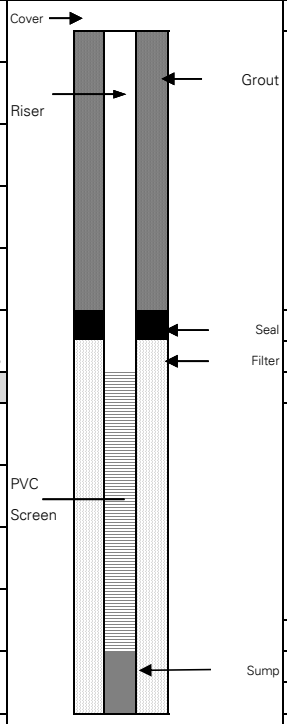
WELL DEVELOPMENT DATA				
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1.83 gal/min	Well developed until purged groundwater was no longer turbid
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	55 gal	

TOP OF CASING	ELEVATION	DEPTH (ft)
	10.01	0.40
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	-65.99	76.00
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	-67.99	78.00
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	-69.99	80.00
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-79.99	90.00
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
1.56	8/2/2024	8.45 ft
0.83	8/13/2024	9.18 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION (See boring log SBD07)	DEPTH (FT)
Top of Manhole Cover	0.4
Top of Seal	76.0
Top of Filter	78.0
Top of Screen	80.0
Bottom of Screen	90.0
Bottom of Sump/Boring	95.0

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-02D**

PROJECT		PROJECT NO.	
145-165 Wolcott Street		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 12.27 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		7/31/2024	7/31/2024
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Dylan Jewell	
SIZE AND TYPE OF BIT		**INSPECTOR**	
4-inch Direct Push		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
6-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	Grout	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Versa-Sonic drill rig was used to advance the boring to approximately 95 feet bgs. A two-inch-diameter PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen. The well screen was installed from approximately 80 to 90 feet bgs, with a solid PVC sump installed from 90 to 95 feet bgs. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand pack. The remaining borehole annulus was backfilled with grout to surface grade and the well was finished with a flush-mounted steel manhole cover encased in concrete and a locking j-plug.

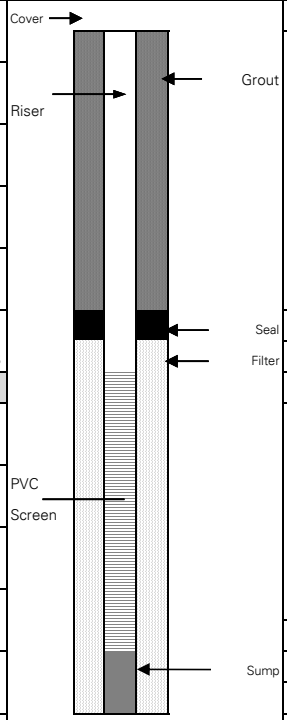
WELL DEVELOPMENT DATA				
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1.83 gal/min	Well developed until purged groundwater was no longer turbid
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	55 gal	

TOP OF CASING	ELEVATION	DEPTH (ft)
	12.27	0.33
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	-63.73	76.00
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	-65.73	78.00
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	-67.73	80.00
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-77.73	90.00
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
1.52	8/2/2024	10.75 ft
0.87	8/13/2024	11.40 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION (See boring log SBD08)	DEPTH (FT)
Top of Manhole Cover	0.3
Top of Seal	76.0
Top of Filter	78.0
Top of Screen	80.0
Bottom of Screen	90.0
Bottom of Sump/Boring	95.0

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-03D**

PROJECT		PROJECT NO.	
145-165 Wolcott Street		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 12.57 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		8/1/2024	8/1/2024
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Dylan Jewell	
SIZE AND TYPE OF BIT		**INSPECTOR**	
4-inch Direct Push		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
6-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	Grout	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Versa-Sonic drill rig was used to advance the boring to approximately 95 feet bgs. A two-inch-diameter PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen. The well screen was installed from approximately 80 to 90 feet bgs, with a solid PVC sump installed from 90 to 95 feet bgs. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand pack. The remaining borehole annulus was backfilled with grout to surface grade and the well was finished with a flush-mounted steel manhole cover encased in concrete and a locking j-plug.

WELL DEVELOPMENT DATA

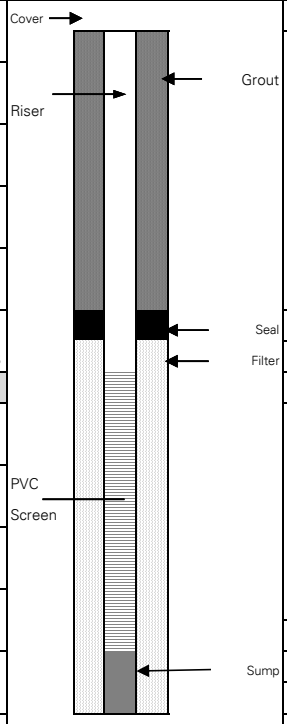
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1.83 gal/min	Well developed until purged groundwater was no longer turbid
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	55 gal	

TOP OF CASING	**ELEVATION**	**DEPTH (ft)**
	12.57	0.25
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	-63.43	76.00
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	-90.57	78.00
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	-67.43	80.00
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-77.43	90.00
SCREEN LENGTH		
		10 feet
SLOT SIZE		
		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
1.04	8/2/2024	11.53 ft
0.65	8/13/2024	11.92 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION (See boring log SBD09)	DEPTH (FT)
Top of Manhole Cover	0.3
Top of Seal	76.0
Top of Filter	78.0
Top of Screen	80.0
Bottom of Screen	90.0
Bottom of Sump/Boring	95.0

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-03S**

PROJECT		PROJECT NO.	
145-165 Wolcott Street		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 12.53 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		8/1/2024	8/1/2024
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Dylan Jewell	
SIZE AND TYPE OF BIT		**INSPECTOR**	
4-inch Direct Push		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
6-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	Grout	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Versa-Sonic drill rig was used to advance the boring to approximately 16 feet bgs. A two-inch-diameter PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen. The well screen was installed from approximately 6 to 16 feet bgs. Clean No. 2 sand was used to backfill the annulus around the screen up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand pack. The remaining borehole annulus was backfilled with grout to surface grade and the well was finished with a flush-mounted steel manhole cover encased in concrete and a locking j-plug.

WELL DEVELOPMENT DATA

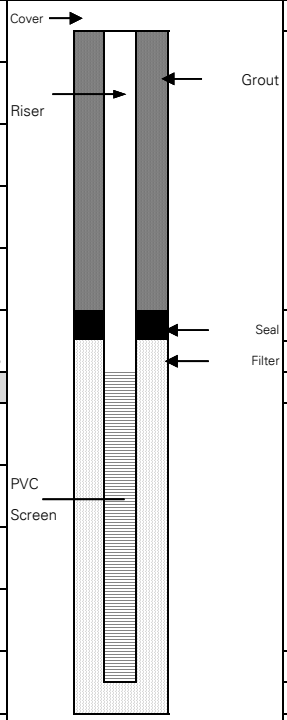
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1.83 gal/min	Well developed until purged groundwater was no longer turbid
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	55 gal	

TOP OF CASING	**ELEVATION** 12.53	**DEPTH (ft)** 0.33
TOP OF SEAL	**ELEVATION** 10.53	**DEPTH (ft)** 2.00
TOP OF FILTER	**ELEVATION** 8.53	**DEPTH (ft)** 4.00
TOP OF SCREEN	**ELEVATION** 6.53	**DEPTH (ft)** 6.00
BOTTOM OF BORING	**ELEVATION** -3.47	**DEPTH (ft)** 16.00
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
1.11	8/2/2024	11.42 ft
0.93	8/13/2024	11.60 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION (See boring log SB16)	DEPTH (FT)
Top of Manhole Cover	0.3
Top of Seal	2.0
Top of Filter	4.0
Top of Screen	6.0
Bottom of Screen	16.0
Bottom of Boring	20.0

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

360 West 31st Street, 8th Floor, New York

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	145-165 Wolcott Street	**Well No:**	MW-01D	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 68-84°F		MW-01D_081324
Project Number:	170562203	**Well Depth:**	95	**Pine Number:**	51666	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn, NY	**Well Diameter:**	2-inch	**Pump Make and Model:**	Geotech Geosub 2	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling	Lisa Cristiano	**Well Screen**	80	**Pine Number:**	52320	**Pump Intake Depth:**	85.00	**Sample Date:**	8/13/2024
Personnel:		**Interval:**	90	**Tubing Diameter:**	3/8" ID x 5/8" OD	**Depth to Water Before Purge:**	8.81	**Sample Time:**	11:50

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
10:55	17.68	7.75	-196	39.300	24.3	0.28	8.81	0.1	0		**N/A**
11:00	17.49	7.76	-215	39.400	15.1	0.25	8.81	0.13	0.75		**N/A**
11:05	17.11	7.77	-240	39.400	13.4	0.22	8.81	0.1	1.25		**N**
11:10	17.03	7.76	-263	39.300	9.5	0.21	8.81	0.1	1.75		**N**
11:15	17.13	7.76	-279	39.300	7.5	0.20	8.81	0.2	2.75	Light brown to	**N**
11:20	17.37	7.76	-302	39.200	6.5	0.19	8.81	0.15	3.5	clear, no odor	**N**
11:25	17.39	7.77	-308	39.200	6.5	0.26	8.79	0.15	4.25		**N**
11:30	17.12	7.76	-318	39.100	7.2	0.19	8.79	0.1	4.75		**N**
11:35	17.09	7.76	-322	39.100	0.4	0.19	8.79	0.15	5.5		**N**
11:40	17.24	7.76	-324	39.000	0.3	0.19	8.79	0.1	6		**N**
11:45	17.20	7.76	-327	39.000	0.0	0.19	8.79	0.1	6.5		**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	145-165 Wolcott Street	**Well No:**	MW-02D	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 68-84°F		MW-02D_081324
Project Number:	170562203	**Well Depth:**	95	**Pine Number:**	51666	**Background PID (ppm):**	0.0	**Sample(s):**	MS/MSD
Site Location:	Brooklyn, NY	**Well Diameter:**	2-inch	**Pump Make and Model:**	Geotech Geosub 2	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling	Lisa Cristiano	**Well Screen**	80	**Pine Number:**	52320	**Pump Intake Depth:**	85.00	**Sample Date:**	8/13/2024
Personnel:		**Interval:**	90	**Tubing Diameter:**	3/8" ID x 5/8" OD	**Depth to Water Before Purge:**	10.84	**Sample Time:**	14:30

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:25	17.23	7.78	-281	35.600	96.4	1.73	10.84	0.1	0	Light to brown, no odor	**N/A**
13:30	16.88	7.76	-318	35.600	39.8	0.42	10.84	0.1	0.5		**N/A**
13:35	16.90	7.76	-326	36.300	40.5	0.38	10.84	0.06	0.8		**N**
13:40	16.83	7.75	-341	36.200	21.4	0.29	10.84	0.14	1.5		**N**
13:45	17.00	7.74	-355	36.000	17.4	0.25	10.84	0.12	2.1		**N**
13:50	16.92	7.74	-362	35.900	14.7	0.24	10.83	0.14	2.8		**N**
13:55	16.79	7.75	-368	35.900	11.6	0.30	10.83	0.2	3.8		**N**
14:00	16.93	7.75	-373	35.800	7.1	0.42	10.83	0.14	4.5		**N**
14:05	16.90	7.75	-376	35.600	6.4	0.29	10.81	0.1	5		**N**
14:10	16.96	7.75	-382	35.400	4.3	0.26	10.81	0.15	5.75		**N**
14:15	16.96	7.75	-384	35.400	4.7	0.25	10.81	0.09	6.2		**N**
14:20	16.91	7.75	-388	35.400	2.9	0.24	10.81	0.06	6.5		**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	145-165 Wolcott Street	**Well No:**	MW-03D	**Water Quality Device Model:**	N/A	**Weather:**	Sunny, 68-84°F		MW-03D_081324
Project Number:	170562203	**Well Depth:**	95	**Pine Number:**	N/A	**Background PID (ppm):**	0.0	**Sample(s):**	DUP01_081324
Site Location:	Brooklyn, NY	**Well Diameter:**	2-inch	**Pump Make and Model:**	Geotech Geosub 2	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling	Lisa Cristiano	**Well Screen**	80	**Pine Number:**	52320	**Pump Intake Depth:**	85.00	**Sample Date:**	8/13/2024
Personnel:	Olivia O'Donnell	**Interval:**	90	**Tubing Diameter:**	3/8" ID x 5/8" OD	**Depth to Water Before Purge:**	11.92	**Sample Time:**	17:00

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
8:30	Field Parameters not collected due to detected LNAPL within MW-03D										**N**
17:00	About three well volumes (~40 gallons) purged from MW-03D - Collected MW-03D_081324										**N**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	145-165 Wolcott Street	**Well No:**	MW-03S	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 68-84°F		MW-03S_081324
Project Number:	170562203	**Well Depth:**	16	**Pine Number:**	51666	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn, NY	**Well Diameter:**	2-inch	**Pump Make and Model:**	Peristaltic Pump	**PID Beneath Inner Cap (ppm):**	7.8		
Sampling	Olivia O'Donnell	**Well Screen**	6	**Pine Number:**	51859	**Pump Intake Depth:**	15.00	**Sample Date:**	8/13/2024
Personnel:		**Interval:**	16	**Tubing Diameter:**	3/8" ID x 5/8" OD	**Depth to Water Before Purge:**	11.60	**Sample Time:**	14:10

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:50	29.52	6.61	-124	1.320	7.4	0.00	11.85	0.2	2.75	greenish color, as s	**N/A**
13:55	28.90	6.62	-124	1.310	9.3	0.00	11.86	0.15	3.5		**N/A**
14:00	28.81	6.64	-123	1.310	9.5	0.00	11.85	0.15	4.25		**N**
14:05	28.81	6.64	-123	1.310	9.5	0.00	11.85	0.25	5.5		**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

APPENDIX F

LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

Lab Number:	L2441380
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Nicholas Palumbo
Phone:	(212) 479-5435
Project Name:	145-165 WOLCOTT STREET
Project Number:	170562203
Report Date:	08/19/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441380
Report Date: 08/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2441380-01	PS01_072324	OIL	BROOKLYN, NY	07/23/24 11:30	07/23/24

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441380
Project Number:	170562203	**Report Date:**	08/19/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441380
Project Number:	170562203	**Report Date:**	08/19/24

Case Narrative (continued)

Report Revision

August 19, 2024: L2441380-01 was re-extracted for Petroleum Hydrocarbon Identification. The results of the re-extraction are reported.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Petroleum Hydrocarbon Identification by GC-FID

L2441380-01: The sample was extracted and then analyzed using a gas chromatograph equipped with a flame ionization detector (GC/FID). The temperature program and associated experimental conditions were optimized to obtain maximum resolution in an eighty minute chromatographic run representative of hydrocarbons in the n-Octane (C8) to n-Tetracontane (C40) range. Qualitative evaluation of the sample was conducted by reviewing the sample chromatogram in conjunction with a chromatogram of a normal alkane series generated with the same chromatographic conditions. Chromatograms of hydrocarbon reference materials obtained from our library of 82 reference standards were also utilized to provide the best possible sample match. Quantitative determination of the sample's hydrocarbon concentration was performed in accordance with EPA Method 8015M. The sample's total hydrocarbon concentration and all associated quality control data are included in the report.

The following qualitative information is based on a tentative interpretation of chromatographic pattern recognition and boiling point ranges:

Total Petroleum Hydrocarbon Identification

L2441380-01 contains hydrocarbons eluting in the range of n-Octane (C8) to after the elution of n-Tetracontane (C40).

Based on the data generated, L2441380-01 contains material eluting in the low to heavy weight ranges of the chromatogram. The material present is similar to Fuel Oil #6.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly O'Neill

Title: Technical Director/Representative Date: 08/19/24

ORGANICS

PETROLEUM HYDROCARBONS

Project Name: 145-165 WOLCOTT STREET
Lab Number: L2441380
Project Number: 170562203
Report Date: 08/19/24

SAMPLE RESULTS

Lab ID: L2441380-01
Client ID: PS01_072324
Sample Location: BROOKLYN, NY

Date Collected: 07/23/24 11:30
Date Received: 07/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8015D(M)
Analytical Date: 08/18/24 03:51
Analyst: AMV
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
Extraction Date: 08/16/24 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Identification by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	6210		mg/kg	612	306.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	99		50-130
d50-Tetracosane	107		50-130

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2441380
Report Date: 08/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 08/17/24 17:37
Analyst: AMV

Extraction Method: EPA 3580A
Extraction Date: 08/16/24 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Identification by GC-FID - Mansfield Lab for sample(s): 01 Batch: WG1960286-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	660	330.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		50-130
d50-Tetracosane	96		50-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441380
Report Date: 08/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Identification by GC-FID - Mansfield Lab Associated sample(s): 01 Batch: WG1960286-2 WG1960286-3								
Nonane (C9)	87		88		50-130	1		30
Decane (C10)	86		86		50-130	0		30
Dodecane (C12)	88		89		50-130	1		30
Tetradecane (C14)	90		91		50-130	1		30
Hexadecane (C16)	94		95		50-130	1		30
Octadecane (C18)	98		98		50-130	0		30
Nonadecane (C19)	92		93		50-130	1		30
Eicosane (C20)	94		94		50-130	0		30
Docosane (C22)	94		94		50-130	0		30
Tetracosane (C24)	100		101		50-130	1		30
Hexacosane (C26)	94		94		50-130	0		30
Octacosane (C28)	97		98		50-130	1		30
Triacontane (C30)	94		94		50-130	0		30
Hexatriacontane (C36)	87		88		50-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	92		93		50-130
d50-Tetracosane	97		97		50-130

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441380
Report Date: 08/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2441380-01A	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		A2-PHI(365)

*Values in parentheses indicate holding time in days

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441380
Project Number:	170562203	**Report Date:**	08/19/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441380
Project Number:	170562203	**Report Date:**	08/19/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441380
Project Number:	170562203	**Report Date:**	08/19/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441380
Project Number:	170562203	**Report Date:**	08/19/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial No:20819241806

L2441360 26AUG24
LANGAN – NYC

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 7/24/24

Client Information

Client: Langan Engineering
Address: 360 W 31st Street
FL 7, New York, NY 10001
Phone: 212-479-5400
Fax:
Email: Npalumbo@langan.com

Project Information

Project Name: 145-165 Wolcott Street
Project Location: Brooklyn, NY
Project #: 170562203
(Use Project name as Project #) ☐
Project Manager: Nicholas Palumbo
ALPHAQuote #:

Turn-Around Time

Standard ☒
Rush (only if pre approved) ☐
Due Date:
# of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please cc datamanagement@langan.com & LGrose@langan.com

Please specify Metals or TAL.

Deliverables

☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ ~~Other Standard Report GD~~

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

Fingerprint (TPH)

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Fingerprint (TPH)								
41380-01	PS01_072324	7/23/24	11:30	Oil	GD	X								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type														
Preservative														

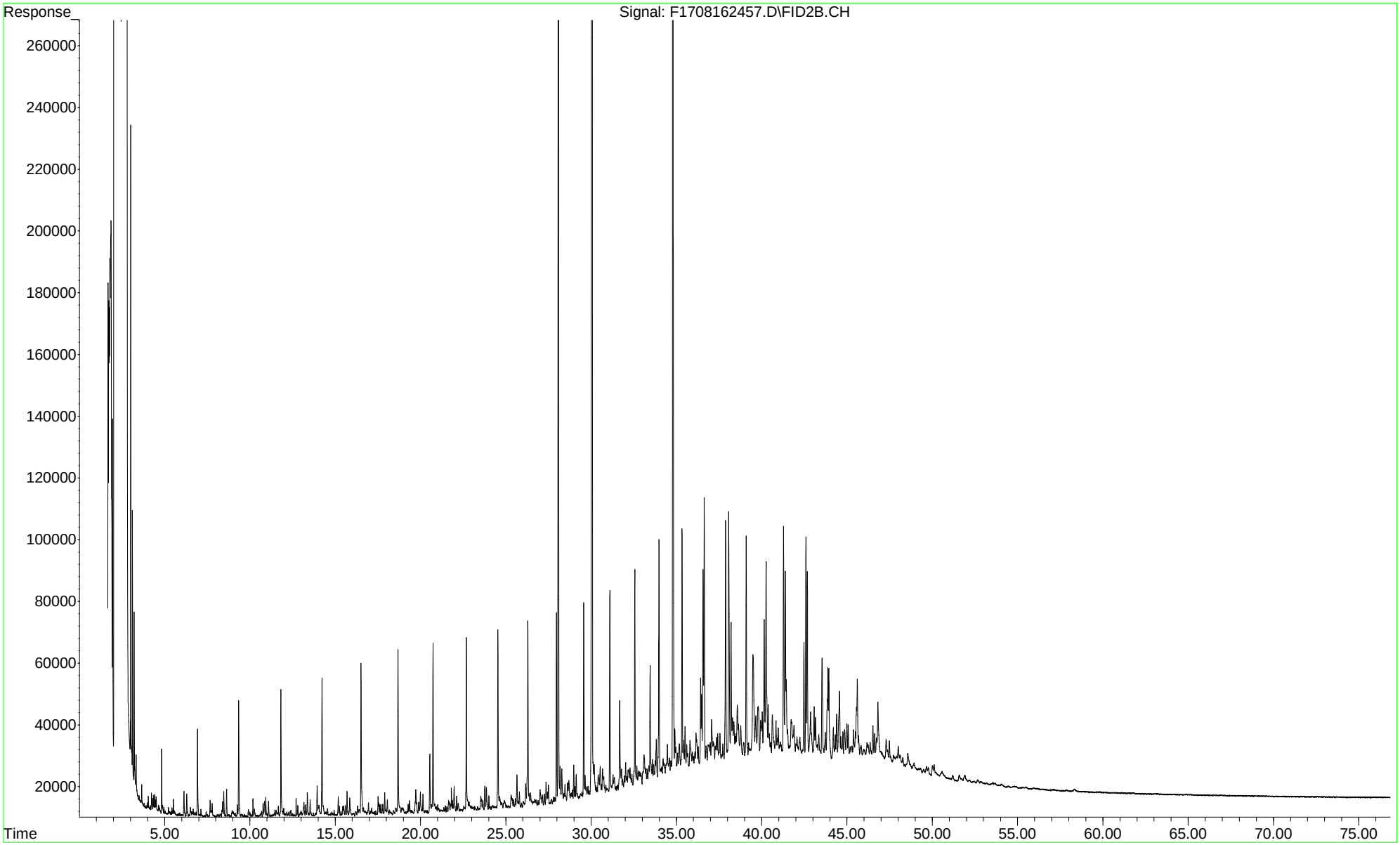
Relinquished By:	Date/Time	Received By:	Date/Time
GDeGennaro/Langan	7/23/24 @ 15:00	[illegible]	7/23/24 15:00
[illegible]	7/23/24 18:45	Anthony Green	JUL 23 2024 20:45
Anthony Green	7/24 0830	[illegible]	7/24 0830
		[illegible]	7/24 3:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

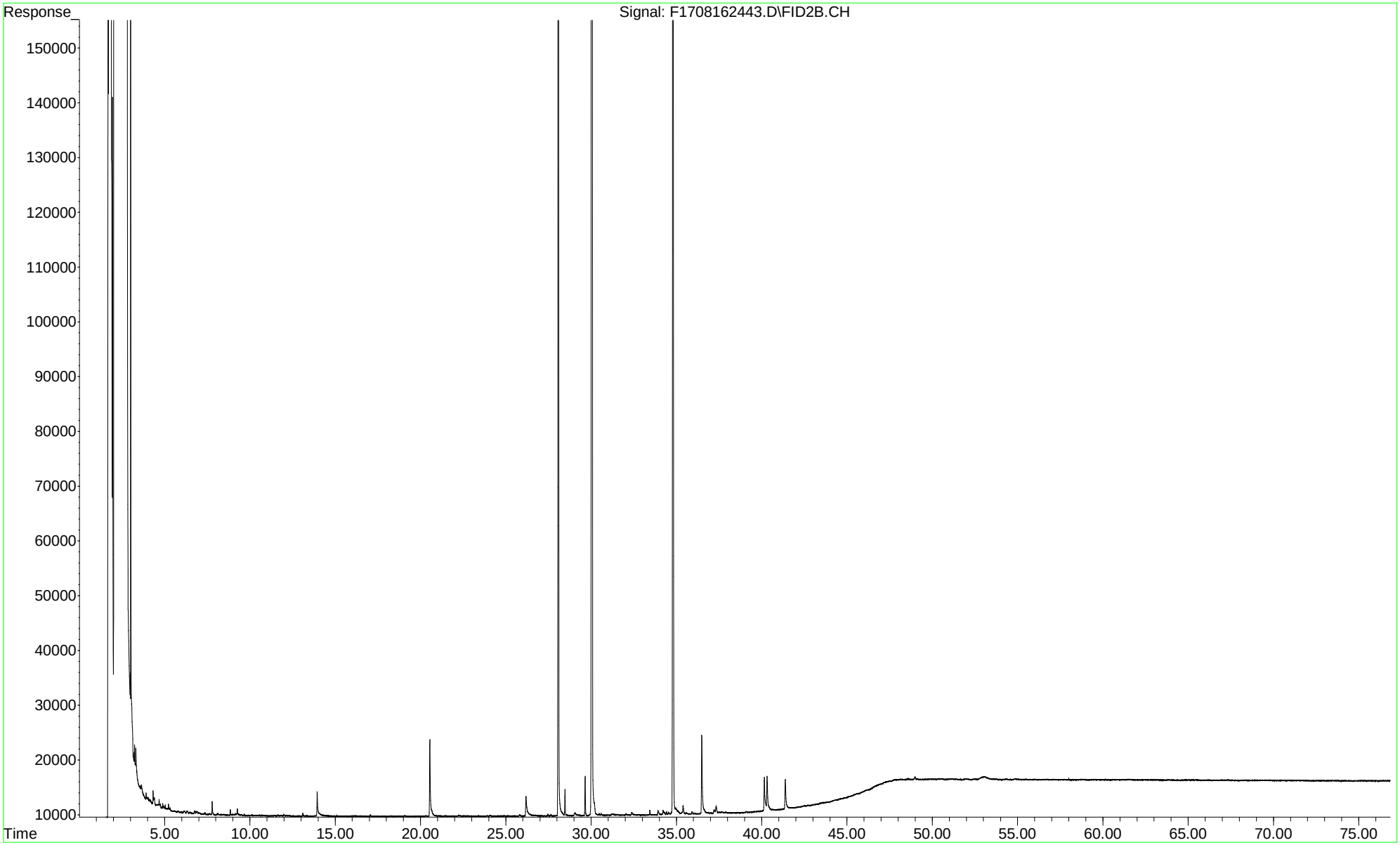
Form No: 01-25 HC (rev. 30-Sept-2013)

GC-FID Chromatogram

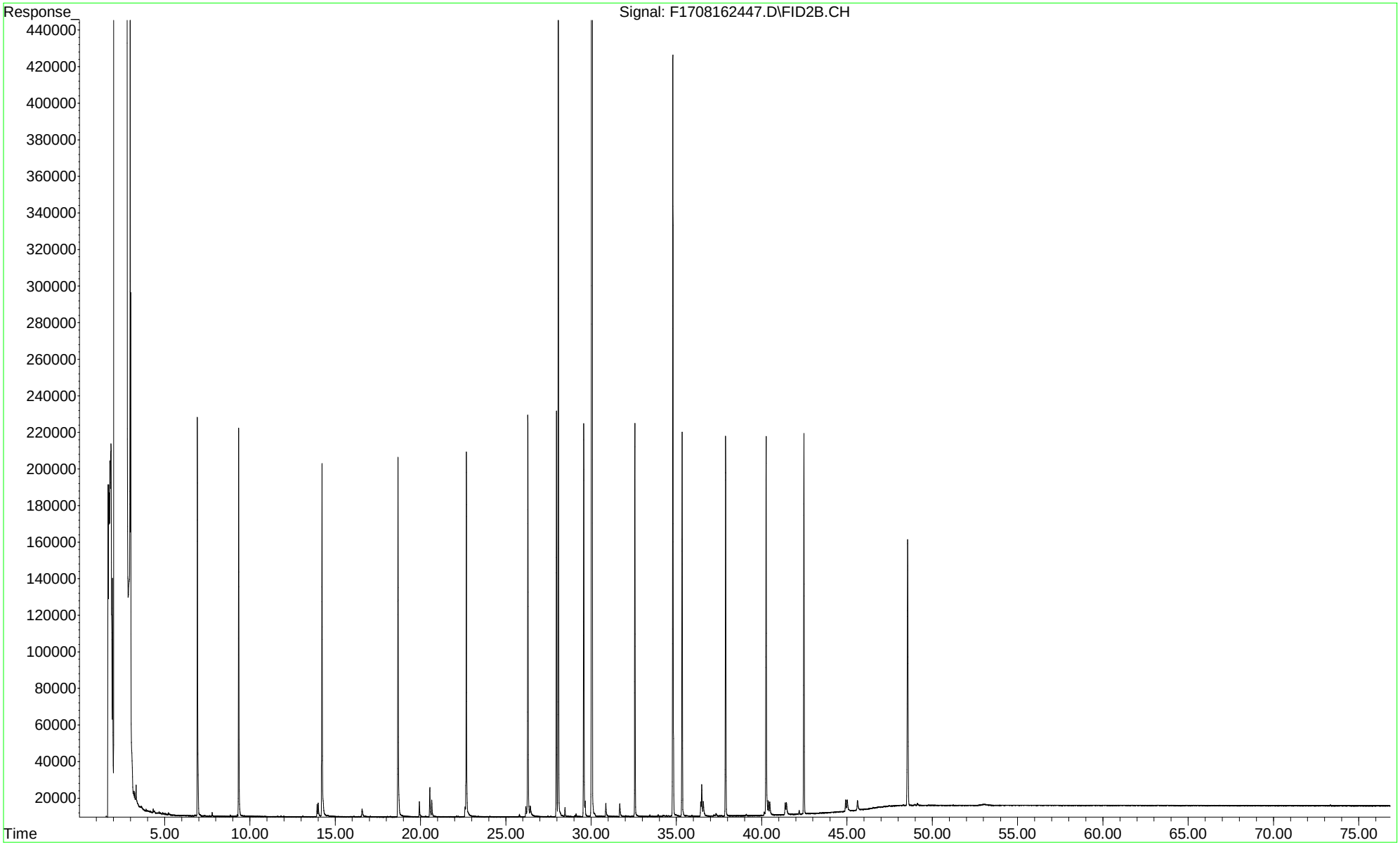
File :O:\Forensics\Data\FID17\2024\AUG\AUG16.SEC\F1708162457.D
Operator : FID17:AMV
Acquired : 18 Aug 2024 3:51 am using AcqMethod FID17A.M
Instrument : FID17
Sample Name: L2441380-01,42,,
Misc Info : WG1960362,WG1960286,ICAL21147
Vial Number: 79



File :O:\Forensics\Data\FID17\2024\AUG\AUG16.SEC\F1708162443.D
Operator : FID17:AMV
Acquired : 17 Aug 2024 5:37 pm using AcqMethod FID17A.M
Instrument : FID17
Sample Name: wg1960286-1,42,,
Misc Info : WG1960362,WG1960286,ICAL21147
Vial Number: 72

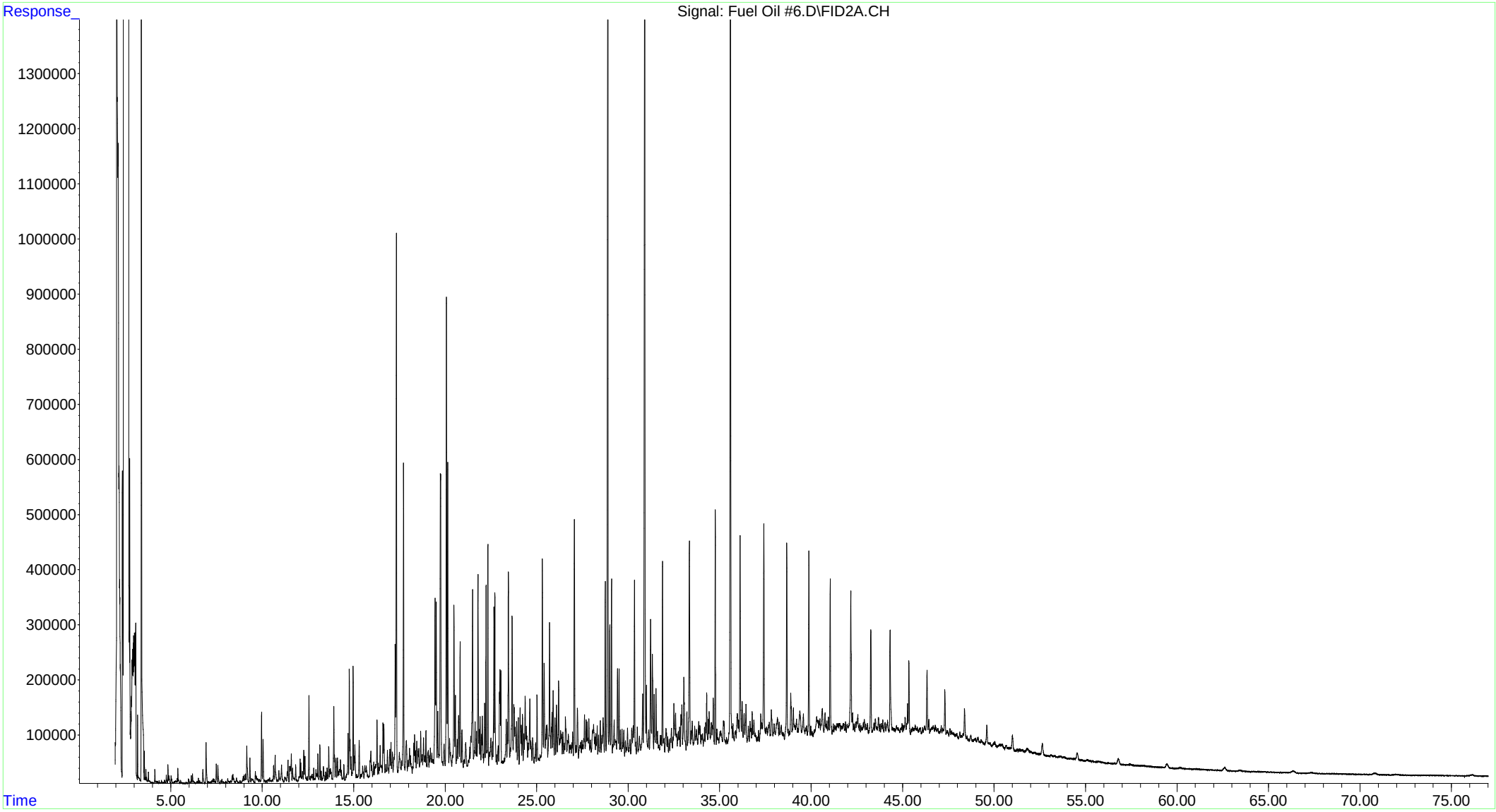


File :O:\Forensics\Data\FID17\2024\AUG\AUG16.SEC\F1708162447.D
Operator : FID17:AMV
Acquired : 17 Aug 2024 8:32 pm using AcqMethod FID17A.M
Instrument : FID17
Sample Name: WG1960286-2,42,,
Misc Info : WG1960362,WG1960286,ICAL21147
Vial Number: 74

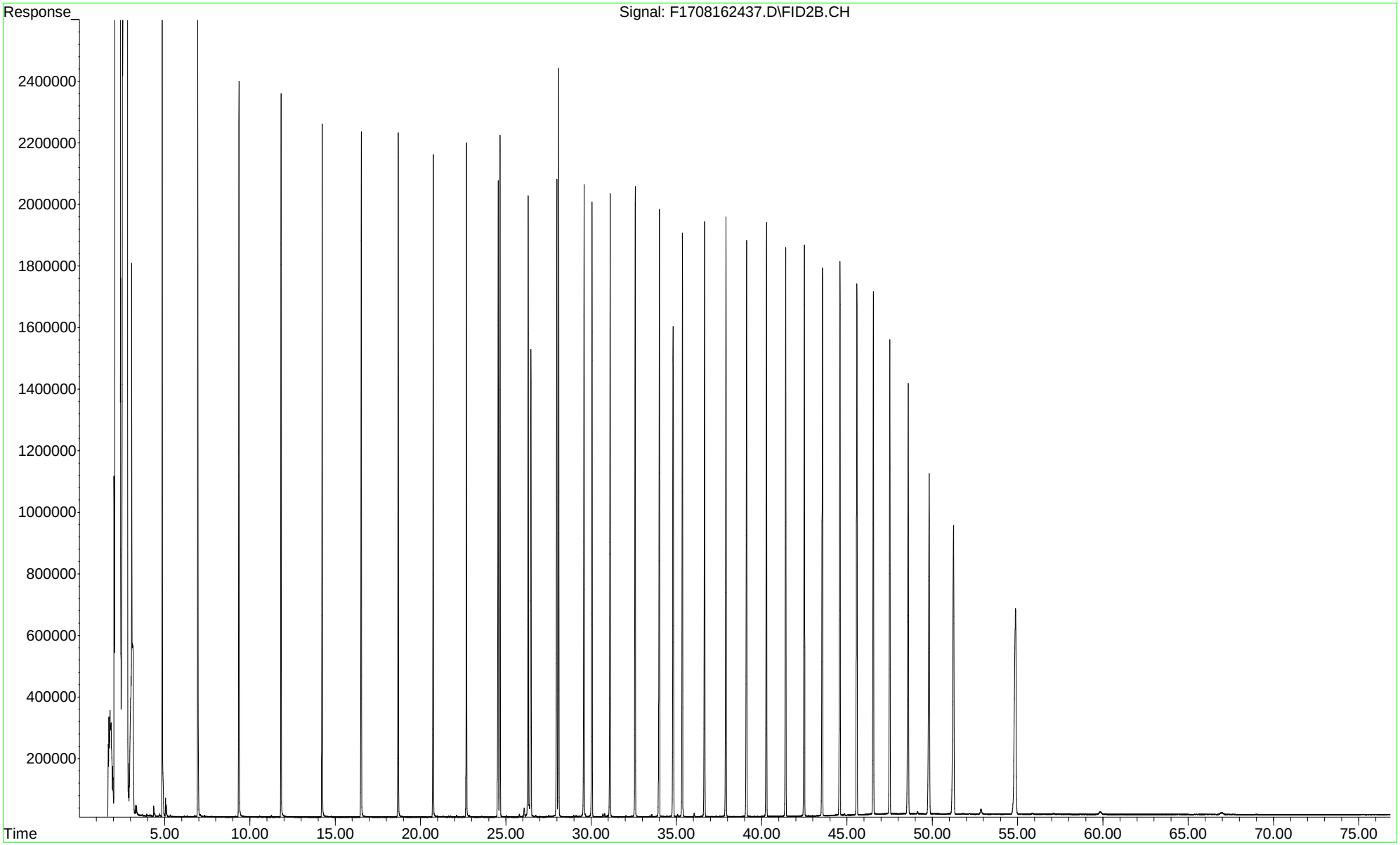


Petroleum Reference Standards

```
File       :O:\Forensics\LIBRARY\Hydrocarbon Reference Standards\Fuel Oi
...         l #6.D
Operator  : PAH2:AC
Instrument :   PAH 2
Acquired  : 22 Nov 2011   7:50 am using AcqMethod FRNC2AF.M
Sample    : FUEL OIL #6
Misc Info : 1X F042710F
```



File :O:\Forensics\Data\FID17\2024\AUG\AUG16.SEC\F1708162437.D
Operator : FID17:AMV
Acquired : 17 Aug 2024 1:13 pm using AcqMethod FID17A.M
Instrument : FID17
Sample Name: WG1960362-2
Misc Info : WG1960362,FRBH66,ICAL21147
Vial Number: 69



ANALYTICAL REPORT

Lab Number:	L2441937
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Nicholas Palumbo
Phone:	(212) 479-5435
Project Name:	145-165 WOLCOTT STREET
Project Number:	170562203
Report Date:	08/05/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2441937-01	SBD07_65-67	SOIL	BROOKLYN, NY	07/25/24 10:00	07/25/24
L2441937-02	SBD07_75-77	SOIL	BROOKLYN, NY	07/25/24 10:10	07/25/24

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441937
Project Number:	170562203	**Report Date:**	08/05/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441937
Project Number:	170562203	**Report Date:**	08/05/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed and Client IDs were specified by the client.

Volatile Organics

L2441937-02: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative Date: 08/05/24

ORGANICS

VOLATILES

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-01 Date Collected: 07/25/24 10:00
Client ID: SBD07_65-67 Date Received: 07/25/24
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/01/24 13:07
Analyst: LAC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.8	1.3	1
1,1-Dichloroethane	ND		ug/kg	0.56	0.08	1
Chloroform	3.7		ug/kg	0.84	0.08	1
Carbon tetrachloride	ND		ug/kg	0.56	0.13	1
1,2-Dichloropropane	ND		ug/kg	0.56	0.07	1
Dibromochloromethane	ND		ug/kg	0.56	0.08	1
1,1,2-Trichloroethane	ND		ug/kg	0.56	0.15	1
Tetrachloroethene	ND		ug/kg	0.28	0.11	1
Chlorobenzene	ND		ug/kg	0.28	0.07	1
Trichlorofluoromethane	ND		ug/kg	2.2	0.39	1
1,2-Dichloroethane	ND		ug/kg	0.56	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.28	0.09	1
Bromodichloromethane	ND		ug/kg	0.28	0.06	1
trans-1,3-Dichloropropene	ND		ug/kg	0.56	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	0.28	0.09	1
1,3-Dichloropropene, Total	ND		ug/kg	0.28	0.09	1
1,1-Dichloropropene	ND		ug/kg	0.28	0.09	1
Bromoform	ND		ug/kg	2.2	0.14	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.28	0.09	1
Benzene	1.6		ug/kg	0.28	0.09	1
Toluene	0.93		ug/kg	0.56	0.30	1
Ethylbenzene	0.77		ug/kg	0.56	0.08	1
Chloromethane	ND		ug/kg	2.2	0.52	1
Bromomethane	ND		ug/kg	1.1	0.33	1
Vinyl chloride	ND		ug/kg	0.56	0.19	1
Chloroethane	ND		ug/kg	1.1	0.25	1
1,1-Dichloroethene	ND		ug/kg	0.56	0.13	1
trans-1,2-Dichloroethene	ND		ug/kg	0.84	0.08	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-01 Date Collected: 07/25/24 10:00

Client ID: SBD07_65-67 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.28	0.08	1
1,2-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,3-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,4-Dichlorobenzene	ND		ug/kg	1.1	0.10	1
Methyl tert butyl ether	ND		ug/kg	1.1	0.11	1
p/m-Xylene	1.1		ug/kg	1.1	0.32	1
o-Xylene	0.52	J	ug/kg	0.56	0.16	1
Xylenes, Total	1.6	J	ug/kg	0.56	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.56	0.10	1
1,2-Dichloroethene, Total	ND		ug/kg	0.56	0.08	1
Dibromomethane	ND		ug/kg	1.1	0.13	1
Styrene	ND		ug/kg	0.56	0.11	1
Dichlorodifluoromethane	ND		ug/kg	5.6	0.52	1
Acetone	ND		ug/kg	5.6	2.7	1
Carbon disulfide	ND		ug/kg	5.6	2.6	1
2-Butanone	ND		ug/kg	5.6	1.2	1
Vinyl acetate	ND		ug/kg	5.6	1.2	1
4-Methyl-2-pentanone	ND		ug/kg	5.6	0.72	1
1,2,3-Trichloropropane	ND		ug/kg	1.1	0.07	1
2-Hexanone	ND		ug/kg	5.6	0.66	1
Bromochloromethane	ND		ug/kg	1.1	0.12	1
2,2-Dichloropropane	ND		ug/kg	1.1	0.11	1
1,2-Dibromoethane	ND		ug/kg	0.56	0.16	1
1,3-Dichloropropane	ND		ug/kg	1.1	0.09	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.28	0.07	1
Bromobenzene	ND		ug/kg	1.1	0.08	1
n-Butylbenzene	ND		ug/kg	0.56	0.09	1
sec-Butylbenzene	ND		ug/kg	0.56	0.08	1
tert-Butylbenzene	ND		ug/kg	1.1	0.07	1
o-Chlorotoluene	ND		ug/kg	1.1	0.11	1
p-Chlorotoluene	ND		ug/kg	1.1	0.06	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.7	0.56	1
Hexachlorobutadiene	ND		ug/kg	2.2	0.10	1
Isopropylbenzene	0.15	J	ug/kg	0.56	0.06	1
p-Isopropyltoluene	0.27	J	ug/kg	0.56	0.06	1
Naphthalene	ND		ug/kg	2.2	0.37	1
Acrylonitrile	ND		ug/kg	2.2	0.65	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-01 Date Collected: 07/25/24 10:00

Client ID: SBD07_65-67 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.56	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.1	0.15	1
1,3,5-Trimethylbenzene	0.15	J	ug/kg	1.1	0.11	1
1,2,4-Trimethylbenzene	0.21	J	ug/kg	1.1	0.19	1
1,4-Dioxane	ND		ug/kg	45	20.	1
p-Diethylbenzene	ND		ug/kg	1.1	0.10	1
p-Ethyltoluene	0.37	J	ug/kg	1.1	0.22	1
1,2,4,5-Tetramethylbenzene	0.18	J	ug/kg	1.1	0.11	1
Ethyl ether	ND		ug/kg	1.1	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.8	0.80	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	98		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02
Client ID: SBD07_75-77
Sample Location: BROOKLYN, NY

Date Collected: 07/25/24 10:10
Date Received: 07/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/01/24 13:34
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.9	1.3	1
1,1-Dichloroethane	ND		ug/kg	0.58	0.09	1
Chloroform	ND		ug/kg	0.88	0.08	1
Carbon tetrachloride	ND		ug/kg	0.58	0.13	1
1,2-Dichloropropane	ND		ug/kg	0.58	0.07	1
Dibromochloromethane	ND		ug/kg	0.58	0.08	1
1,1,2-Trichloroethane	ND		ug/kg	0.58	0.16	1
Tetrachloroethene	ND		ug/kg	0.29	0.11	1
Chlorobenzene	ND		ug/kg	0.29	0.07	1
Trichlorofluoromethane	ND		ug/kg	2.3	0.41	1
1,2-Dichloroethane	ND		ug/kg	0.58	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	0.29	0.10	1
Bromodichloromethane	ND		ug/kg	0.29	0.06	1
trans-1,3-Dichloropropene	ND		ug/kg	0.58	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	0.29	0.09	1
1,3-Dichloropropene, Total	ND		ug/kg	0.29	0.09	1
1,1-Dichloropropene	ND		ug/kg	0.29	0.09	1
Bromoform	ND		ug/kg	2.3	0.14	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.29	0.10	1
Benzene	180	E	ug/kg	0.29	0.10	1
Toluene	100		ug/kg	0.58	0.32	1
Ethylbenzene	120		ug/kg	0.58	0.08	1
Chloromethane	ND		ug/kg	2.3	0.55	1
Bromomethane	ND		ug/kg	1.2	0.34	1
Vinyl chloride	ND		ug/kg	0.58	0.20	1
Chloroethane	ND		ug/kg	1.2	0.26	1
1,1-Dichloroethene	ND		ug/kg	0.58	0.14	1
trans-1,2-Dichloroethene	ND		ug/kg	0.88	0.08	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02 Date Collected: 07/25/24 10:10

Client ID: SBD07_75-77 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.29	0.08	1
1,2-Dichlorobenzene	ND		ug/kg	1.2	0.08	1
1,3-Dichlorobenzene	ND		ug/kg	1.2	0.09	1
1,4-Dichlorobenzene	ND		ug/kg	1.2	0.10	1
Methyl tert butyl ether	ND		ug/kg	1.2	0.12	1
p/m-Xylene	42		ug/kg	1.2	0.33	1
o-Xylene	63		ug/kg	0.58	0.17	1
Xylenes, Total	110		ug/kg	0.58	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.58	0.10	1
1,2-Dichloroethene, Total	ND		ug/kg	0.58	0.08	1
Dibromomethane	ND		ug/kg	1.2	0.14	1
Styrene	19		ug/kg	0.58	0.11	1
Dichlorodifluoromethane	ND		ug/kg	5.8	0.54	1
Acetone	ND		ug/kg	5.8	2.8	1
Carbon disulfide	ND		ug/kg	5.8	2.7	1
2-Butanone	ND		ug/kg	5.8	1.3	1
Vinyl acetate	ND		ug/kg	5.8	1.2	1
4-Methyl-2-pentanone	ND		ug/kg	5.8	0.75	1
1,2,3-Trichloropropane	ND		ug/kg	1.2	0.07	1
2-Hexanone	ND		ug/kg	5.8	0.69	1
Bromochloromethane	ND		ug/kg	1.2	0.12	1
2,2-Dichloropropane	ND		ug/kg	1.2	0.12	1
1,2-Dibromoethane	ND		ug/kg	0.58	0.16	1
1,3-Dichloropropane	ND		ug/kg	1.2	0.10	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.29	0.08	1
Bromobenzene	ND		ug/kg	1.2	0.09	1
n-Butylbenzene	0.32	J	ug/kg	0.58	0.10	1
sec-Butylbenzene	0.14	J	ug/kg	0.58	0.09	1
tert-Butylbenzene	ND		ug/kg	1.2	0.07	1
o-Chlorotoluene	ND		ug/kg	1.2	0.11	1
p-Chlorotoluene	ND		ug/kg	1.2	0.06	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.8	0.58	1
Hexachlorobutadiene	ND		ug/kg	2.3	0.10	1
Isopropylbenzene	3.6		ug/kg	0.58	0.06	1
p-Isopropyltoluene	0.83		ug/kg	0.58	0.06	1
Naphthalene	480	E	ug/kg	2.3	0.38	1
Acrylonitrile	ND		ug/kg	2.3	0.67	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02 Date Collected: 07/25/24 10:10

Client ID: SBD07_75-77 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	3.2		ug/kg	0.58	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.2	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.2	0.16	1
1,3,5-Trimethylbenzene	8.5		ug/kg	1.2	0.11	1
1,2,4-Trimethylbenzene	27		ug/kg	1.2	0.20	1
1,4-Dioxane	ND		ug/kg	47	20.	1
p-Diethylbenzene	4.8		ug/kg	1.2	0.10	1
p-Ethyltoluene	15		ug/kg	1.2	0.22	1
1,2,4,5-Tetramethylbenzene	1.4		ug/kg	1.2	0.11	1
Ethyl ether	ND		ug/kg	1.2	0.20	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.9	0.83	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	92		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02
Client ID: SBD07_75-77
Sample Location: BROOKLYN, NY

Date Collected: 07/25/24 10:10
Date Received: 07/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/02/24 19:32
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	210	94.	1
1,1-Dichloroethane	ND		ug/kg	41	6.0	1
Chloroform	ND		ug/kg	62	5.8	1
Carbon tetrachloride	ND		ug/kg	41	9.5	1
1,2-Dichloropropane	ND		ug/kg	41	5.2	1
Dibromochloromethane	ND		ug/kg	41	5.8	1
1,1,2-Trichloroethane	ND		ug/kg	41	11.	1
Tetrachloroethene	ND		ug/kg	21	8.1	1
Chlorobenzene	ND		ug/kg	21	5.2	1
Trichlorofluoromethane	ND		ug/kg	160	29.	1
1,2-Dichloroethane	ND		ug/kg	41	11.	1
1,1,1-Trichloroethane	ND		ug/kg	21	6.9	1
Bromodichloromethane	ND		ug/kg	21	4.5	1
trans-1,3-Dichloropropene	ND		ug/kg	41	11.	1
cis-1,3-Dichloropropene	ND		ug/kg	21	6.5	1
1,3-Dichloropropene, Total	ND		ug/kg	21	6.5	1
1,1-Dichloropropene	ND		ug/kg	21	6.6	1
Bromoform	ND		ug/kg	160	10.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	21	6.8	1
Benzene	460		ug/kg	21	6.8	1
Toluene	240		ug/kg	41	22.	1
Ethylbenzene	270		ug/kg	41	5.8	1
Chloromethane	ND		ug/kg	160	38.	1
Bromomethane	ND		ug/kg	82	24.	1
Vinyl chloride	ND		ug/kg	41	14.	1
Chloroethane	ND		ug/kg	82	19.	1
1,1-Dichloroethene	ND		ug/kg	41	9.8	1
trans-1,2-Dichloroethene	ND		ug/kg	62	5.6	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02 Date Collected: 07/25/24 10:10

Client ID: SBD07_75-77 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	21	5.6	1
1,2-Dichlorobenzene	ND		ug/kg	82	5.9	1
1,3-Dichlorobenzene	ND		ug/kg	82	6.1	1
1,4-Dichlorobenzene	ND		ug/kg	82	7.0	1
Methyl tert butyl ether	ND		ug/kg	82	8.3	1
p/m-Xylene	91		ug/kg	82	23.	1
o-Xylene	130		ug/kg	41	12.	1
Xylenes, Total	220		ug/kg	41	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	41	7.2	1
1,2-Dichloroethene, Total	ND		ug/kg	41	5.6	1
Dibromomethane	ND		ug/kg	82	9.8	1
Styrene	55		ug/kg	41	8.1	1
Dichlorodifluoromethane	ND		ug/kg	410	38.	1
Acetone	ND		ug/kg	410	200	1
Carbon disulfide	ND		ug/kg	410	190	1
2-Butanone	ND		ug/kg	410	92.	1
Vinyl acetate	ND		ug/kg	410	89.	1
4-Methyl-2-pentanone	ND		ug/kg	410	53.	1
1,2,3-Trichloropropane	ND		ug/kg	82	5.2	1
2-Hexanone	ND		ug/kg	410	49.	1
Bromochloromethane	ND		ug/kg	82	8.5	1
2,2-Dichloropropane	ND		ug/kg	82	8.3	1
1,2-Dibromoethane	ND		ug/kg	41	12.	1
1,3-Dichloropropane	ND		ug/kg	82	6.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	21	5.4	1
Bromobenzene	ND		ug/kg	82	6.0	1
n-Butylbenzene	ND		ug/kg	41	6.9	1
sec-Butylbenzene	ND		ug/kg	41	6.0	1
tert-Butylbenzene	ND		ug/kg	82	4.9	1
o-Chlorotoluene	ND		ug/kg	82	7.9	1
p-Chlorotoluene	ND		ug/kg	82	4.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	120	41.	1
Hexachlorobutadiene	ND		ug/kg	160	7.0	1
Isopropylbenzene	6.0	J	ug/kg	41	4.5	1
p-Isopropyltoluene	ND		ug/kg	41	4.5	1
Naphthalene	1100		ug/kg	160	27.	1
Acrylonitrile	ND		ug/kg	160	47.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02 Date Collected: 07/25/24 10:10

Client ID: SBD07_75-77 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	41	7.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	82	13.	1
1,2,4-Trichlorobenzene	ND		ug/kg	82	11.	1
1,3,5-Trimethylbenzene	12	J	ug/kg	82	8.0	1
1,2,4-Trimethylbenzene	45	J	ug/kg	82	14.	1
1,4-Dioxane	ND		ug/kg	3300	1400	1
p-Diethylbenzene	ND		ug/kg	82	7.3	1
p-Ethyltoluene	25	J	ug/kg	82	16.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	82	7.9	1
Ethyl ether	ND		ug/kg	82	14.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	210	59.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/01/24 12:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1954692-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.6	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/01/24 12:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1954692-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/01/24 12:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1954692-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	72		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1955240-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1955240-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1955240-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1954692-3 WG1954692-4								
Methylene chloride	89		74		70-130	18		30
1,1-Dichloroethane	**145**	Q	91		70-130	**46**	Q	30
Chloroform	99		82		70-130	19		30
Carbon tetrachloride	88		74		70-130	17		30
1,2-Dichloropropane	103		120		70-130	15		30
Dibromochloromethane	109		81		70-130	29		30
1,1,2-Trichloroethane	110		94		70-130	16		30
Tetrachloroethene	102		77		70-130	28		30
Chlorobenzene	97		94		70-130	3		30
Trichlorofluoromethane	87		74		70-139	16		30
1,2-Dichloroethane	102		94		70-130	8		30
1,1,1-Trichloroethane	94		80		70-130	16		30
Bromodichloromethane	96		102		70-130	6		30
trans-1,3-Dichloropropene	111		96		70-130	14		30
cis-1,3-Dichloropropene	105		99		70-130	6		30
1,1-Dichloropropene	90		78		70-130	14		30
Bromoform	74		121		70-130	**48**	Q	30
1,1,2,2-Tetrachloroethane	104		109		70-130	5		30
Benzene	98		82		70-130	18		30
Toluene	94		90		70-130	4		30
Ethylbenzene	104		89		70-130	16		30
Chloromethane	108		88		52-130	20		30
Bromomethane	83		69		57-147	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1954692-3 WG1954692-4								
Vinyl chloride	99		88		67-130	12		30
Chloroethane	101		84		50-151	18		30
1,1-Dichloroethene	86		72		65-135	18		30
trans-1,2-Dichloroethene	101		84		70-130	18		30
Trichloroethene	94		98		70-130	4		30
1,2-Dichlorobenzene	96		99		70-130	3		30
1,3-Dichlorobenzene	101		100		70-130	1		30
1,4-Dichlorobenzene	99		99		70-130	0		30
Methyl tert butyl ether	**150**	Q	125		66-130	18		30
p/m-Xylene	109		93		70-130	16		30
o-Xylene	109		102		70-130	7		30
cis-1,2-Dichloroethene	101		81		70-130	22		30
Dibromomethane	98		93		70-130	5		30
Styrene	97		106		70-130	9		30
Dichlorodifluoromethane	91		68		30-146	29		30
Acetone	96		85		54-140	12		30
Carbon disulfide	90		75		59-130	18		30
2-Butanone	97		86		70-130	12		30
Vinyl acetate	**141**	Q	100		70-130	**34**	Q	30
4-Methyl-2-pentanone	116		88		70-130	27		30
1,2,3-Trichloropropane	98		99		68-130	1		30
2-Hexanone	126		91		70-130	**32**	Q	30
Bromochloromethane	102		82		70-130	22		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1954692-3 WG1954692-4								
2,2-Dichloropropane	101		81		70-130	22		30
1,2-Dibromoethane	100		91		70-130	9		30
1,3-Dichloropropane	119		98		69-130	19		30
1,1,1,2-Tetrachloroethane	120		87		70-130	**32**	Q	30
Bromobenzene	102		116		70-130	13		30
n-Butylbenzene	97		97		70-130	0		30
sec-Butylbenzene	97		107		70-130	10		30
tert-Butylbenzene	98		96		70-130	2		30
o-Chlorotoluene	102		100		70-130	2		30
p-Chlorotoluene	100		103		70-130	3		30
1,2-Dibromo-3-chloropropane	73		98		68-130	29		30
Hexachlorobutadiene	72		104		67-130	**36**	Q	30
Isopropylbenzene	89		121		70-130	30		30
p-Isopropyltoluene	99		105		70-130	6		30
Naphthalene	90		99		70-130	10		30
Acrylonitrile	**175**	Q	105		70-130	**50**	Q	30
n-Propylbenzene	100		116		70-130	15		30
1,2,3-Trichlorobenzene	75		98		70-130	27		30
1,2,4-Trichlorobenzene	78		116		70-130	**39**	Q	30
1,3,5-Trimethylbenzene	97		96		70-130	1		30
1,2,4-Trimethylbenzene	98		102		70-130	4		30
1,4-Dioxane	95		104		65-136	9		30
p-Diethylbenzene	98		103		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1954692-3 WG1954692-4								
p-Ethyltoluene	99		99		70-130	0		30
1,2,4,5-Tetramethylbenzene	76		95		70-130	22		30
Ethyl ether	111		94		67-130	17		30
trans-1,4-Dichloro-2-butene	127		**135**	Q	70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		91		70-130
Toluene-d8	101		103		70-130
4-Bromofluorobenzene	99		117		70-130
Dibromofluoromethane	93		79		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1955240-3 WG1955240-4								
Methylene chloride	109		106		70-130	3		30
1,1-Dichloroethane	105		102		70-130	3		30
Chloroform	107		102		70-130	5		30
Carbon tetrachloride	104		102		70-130	2		30
1,2-Dichloropropane	100		98		70-130	2		30
Dibromochloromethane	100		102		70-130	2		30
1,1,2-Trichloroethane	99		101		70-130	2		30
Tetrachloroethene	105		101		70-130	4		30
Chlorobenzene	101		99		70-130	2		30
Trichlorofluoromethane	106		93		70-139	13		30
1,2-Dichloroethane	108		108		70-130	0		30
1,1,1-Trichloroethane	111		108		70-130	3		30
Bromodichloromethane	104		103		70-130	1		30
trans-1,3-Dichloropropene	102		103		70-130	1		30
cis-1,3-Dichloropropene	101		100		70-130	1		30
1,1-Dichloropropene	108		104		70-130	4		30
Bromoform	96		98		70-130	2		30
1,1,2,2-Tetrachloroethane	97		100		70-130	3		30
Benzene	102		99		70-130	3		30
Toluene	105		103		70-130	2		30
Ethylbenzene	101		98		70-130	3		30
Chloromethane	115		116		52-130	1		30
Bromomethane	106		85		57-147	22		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1955240-3 WG1955240-4								
Vinyl chloride	90		106		67-130	16		30
Chloroethane	75		58		50-151	26		30
1,1-Dichloroethene	102		98		65-135	4		30
trans-1,2-Dichloroethene	100		99		70-130	1		30
Trichloroethene	104		99		70-130	5		30
1,2-Dichlorobenzene	100		98		70-130	2		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	102		99		70-130	3		30
Methyl tert butyl ether	107		108		66-130	1		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	101		100		70-130	1		30
cis-1,2-Dichloroethene	98		97		70-130	1		30
Dibromomethane	98		100		70-130	2		30
Styrene	108		107		70-130	1		30
Dichlorodifluoromethane	118		112		30-146	5		30
Acetone	105		99		54-140	6		30
Carbon disulfide	102		97		59-130	5		30
2-Butanone	93		93		70-130	0		30
Vinyl acetate	**135**	Q	**151**	Q	70-130	11		30
4-Methyl-2-pentanone	92		94		70-130	2		30
1,2,3-Trichloropropane	97		98		68-130	1		30
2-Hexanone	92		95		70-130	3		30
Bromochloromethane	100		99		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1955240-3 WG1955240-4								
2,2-Dichloropropane	106		102		70-130	4		30
1,2-Dibromoethane	100		102		70-130	2		30
1,3-Dichloropropane	99		100		69-130	1		30
1,1,1,2-Tetrachloroethane	102		103		70-130	1		30
Bromobenzene	93		91		70-130	2		30
n-Butylbenzene	110		105		70-130	5		30
sec-Butylbenzene	102		98		70-130	4		30
tert-Butylbenzene	97		94		70-130	3		30
o-Chlorotoluene	100		98		70-130	2		30
p-Chlorotoluene	102		99		70-130	3		30
1,2-Dibromo-3-chloropropane	88		91		68-130	3		30
Hexachlorobutadiene	98		96		67-130	2		30
Isopropylbenzene	96		94		70-130	2		30
p-Isopropyltoluene	101		98		70-130	3		30
Naphthalene	86		87		70-130	1		30
Acrylonitrile	111		116		70-130	4		30
n-Propylbenzene	102		98		70-130	4		30
1,2,3-Trichlorobenzene	98		97		70-130	1		30
1,2,4-Trichlorobenzene	100		99		70-130	1		30
1,3,5-Trimethylbenzene	100		96		70-130	4		30
1,2,4-Trimethylbenzene	98		96		70-130	2		30
1,4-Dioxane	84		86		65-136	2		30
p-Diethylbenzene	103		99		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1955240-3 WG1955240-4								
p-Ethyltoluene	100		96		70-130	4		30
1,2,4,5-Tetramethylbenzene	99		94		70-130	5		30
Ethyl ether	112		104		67-130	7		30
trans-1,4-Dichloro-2-butene	120		119		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		114		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	102		90		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-01
Client ID: SBD07_65-67
Sample Location: BROOKLYN, NY

Date Collected: 07/25/24 10:00
Date Received: 07/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/05/24 00:47
Analyst: SZ
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/03/24 04:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	33	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-01 Date Collected: 07/25/24 10:00

Client ID: SBD07_65-67 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	130	35.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-01 Date Collected: 07/25/24 10:00

Client ID: SBD07_65-67 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	71		18-120

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2441937
Report Date: 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02
Client ID: SBD07_75-77
Sample Location: BROOKLYN, NY

Date Collected: 07/25/24 10:10
Date Received: 07/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/05/24 01:11
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 08/03/24 04:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	630		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	310		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	59	J	ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02 Date Collected: 07/25/24 10:10

Client ID: SBD07_75-77 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	29	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2441937

Project Number: 170562203 **Report Date:** 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02 Date Collected: 07/25/24 10:10

Client ID: SBD07_75-77 Date Received: 07/25/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	77		18-120

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2441937
Report Date: 08/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/04/24 20:54
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/03/24 04:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1954872-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2441937
Report Date: 08/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/04/24 20:54
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/03/24 04:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1954872-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2441937
Report Date: 08/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/04/24 20:54
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/03/24 04:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1954872-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1954872-2 WG1954872-3								
Acenaphthene	76		76		31-137	0		50
1,2,4-Trichlorobenzene	76		75		38-107	1		50
Hexachlorobenzene	78		75		40-140	4		50
Bis(2-chloroethyl)ether	77		76		40-140	1		50
2-Chloronaphthalene	78		79		40-140	1		50
1,2-Dichlorobenzene	72		74		40-140	3		50
1,3-Dichlorobenzene	72		74		40-140	3		50
1,4-Dichlorobenzene	74		74		28-104	0		50
3,3'-Dichlorobenzidine	71		65		40-140	9		50
2,4-Dinitrotoluene	93		91		40-132	2		50
2,6-Dinitrotoluene	93		92		40-140	1		50
Fluoranthene	80		78		40-140	3		50
4-Chlorophenyl phenyl ether	76		75		40-140	1		50
4-Bromophenyl phenyl ether	78		75		40-140	4		50
Bis(2-chloroisopropyl)ether	57		55		40-140	4		50
Bis(2-chloroethoxy)methane	79		75		40-117	5		50
Hexachlorobutadiene	76		75		40-140	1		50
Hexachlorocyclopentadiene	80		86		40-140	7		50
Hexachloroethane	75		74		40-140	1		50
Isophorone	83		79		40-140	5		50
Naphthalene	78		79		40-140	1		50
Nitrobenzene	85		83		40-140	2		50
NDPA/DPA	79		78		36-157	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1954872-2 WG1954872-3								
n-Nitrosodi-n-propylamine	80		78		32-121	3		50
Bis(2-ethylhexyl)phthalate	94		92		40-140	2		50
Butyl benzyl phthalate	96		94		40-140	2		50
Di-n-butylphthalate	83		82		40-140	1		50
Di-n-octylphthalate	99		99		40-140	0		50
Diethyl phthalate	78		77		40-140	1		50
Dimethyl phthalate	83		82		40-140	1		50
Benzo(a)anthracene	78		78		40-140	0		50
Benzo(a)pyrene	82		83		40-140	1		50
Benzo(b)fluoranthene	84		82		40-140	2		50
Benzo(k)fluoranthene	80		79		40-140	1		50
Chrysene	79		78		40-140	1		50
Acenaphthylene	77		77		40-140	0		50
Anthracene	80		79		40-140	1		50
Benzo(ghi)perylene	84		83		40-140	1		50
Fluorene	78		77		40-140	1		50
Phenanthrene	78		76		40-140	3		50
Dibenzo(a,h)anthracene	85		83		40-140	2		50
Indeno(1,2,3-cd)pyrene	87		86		40-140	1		50
Pyrene	80		80		35-142	0		50
Biphenyl	78		78		37-127	0		50
4-Chloroaniline	75		73		40-140	3		50
2-Nitroaniline	96		98		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1954872-2 WG1954872-3								
3-Nitroaniline	82		76		26-129	8		50
4-Nitroaniline	85		82		41-125	4		50
Dibenzofuran	76		75		40-140	1		50
2-Methylnaphthalene	80		80		40-140	0		50
1,2,4,5-Tetrachlorobenzene	78		78		40-117	0		50
Acetophenone	82		80		14-144	2		50
2,4,6-Trichlorophenol	89		88		30-130	1		50
p-Chloro-m-cresol	87		86		26-103	1		50
2-Chlorophenol	83		81		25-102	2		50
2,4-Dichlorophenol	85		83		30-130	2		50
2,4-Dimethylphenol	95		90		30-130	5		50
2-Nitrophenol	97		98		30-130	1		50
4-Nitrophenol	97		101		11-114	4		50
2,4-Dinitrophenol	91		97		4-130	6		50
4,6-Dinitro-o-cresol	100		101		10-130	1		50
Pentachlorophenol	70		74		17-109	6		50
Phenol	82		79		26-90	4		50
2-Methylphenol	88		85		30-130.	3		50
3-Methylphenol/4-Methylphenol	88		84		30-130	5		50
2,4,5-Trichlorophenol	89		88		30-130	1		50
Benzoic Acid	52		54		10-110	4		50
Benzyl Alcohol	87		84		40-140	4		50
Carbazole	81		78		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2441937

Report Date: 08/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1954872-2 WG1954872-3								
1,4-Dioxane	69		63		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		83		25-120
Phenol-d6	86		84		10-120
Nitrobenzene-d5	83		81		23-120
2-Fluorobiphenyl	79		78		30-120
2,4,6-Tribromophenol	71		67		10-136
4-Terphenyl-d14	72		72		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2441937
Report Date: 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-01
Client ID: SBD07_65-67
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/25/24 10:00
Date Received: 07/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	07/30/24 09:59	121,2540G	ROI

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2441937
Report Date: 08/05/24

SAMPLE RESULTS

Lab ID: L2441937-02
Client ID: SBD07_75-77
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/25/24 10:10
Date Received: 07/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/30/24 09:59	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2441937

Report Date: 08/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1953022-1 QC Sample: L2442373-15 Client ID: DUP Sample						
Solids, Total	81.8	81.9	%	0		20

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2441937
Report Date: 08/05/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2441937-01A	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2441937-01B	Vial water preserved	A	NA		3.5	Y	Absent	26-JUL-24 09:05	NYTCL-8260HLW(14)
L2441937-01C	Vial water preserved	A	NA		3.5	Y	Absent	26-JUL-24 09:05	NYTCL-8260HLW(14)
L2441937-01D	Plastic 120ml unpreserved	A	NA		3.5	Y	Absent		TS(7)
L2441937-01E	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14)
L2441937-02A	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14),NYTCL-8260H(14)
L2441937-02B	Vial water preserved	A	NA		3.5	Y	Absent	26-JUL-24 09:05	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2441937-02C	Vial water preserved	A	NA		3.5	Y	Absent	26-JUL-24 09:05	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2441937-02D	Plastic 120ml unpreserved	A	NA		3.5	Y	Absent		TS(7)
L2441937-02E	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441937
Project Number:	170562203	**Report Date:**	08/05/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441937
Project Number:	170562203	**Report Date:**	08/05/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441937
Project Number:	170562203	**Report Date:**	08/05/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2441937
Project Number:	170562203	**Report Date:**	08/05/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/26/24

L2441937 08AUG24
LANGAN – NYC

Client Information

Client: Langan Engineering
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Email: Npalumbo@langan.com

Project Information

Project Name: 145-165 Wolcott Street
Project Location: Brooklyn, NY
Project #: 170562203
(Use Project name as Project #)
Project Manager: Nicholas Palumbo
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[X] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information

[X] Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please CC datamanagement@langan.com; LGrose@langan.com

Please specify Metals or TAL.

ANALYSIS

Part375 TCL
VOCs & SVOCs

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part375 TCL	VOCs & SVOCs	Sample Specific Comments
41937-01	SBD07-65-70	7/25/24	1000	S	GD	X	X	HOLD
-02	SBD07-75-80	7/25/24	1010	S	GD	X	X	HOLD

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
G.DeGennaro/Langan	7/25/24 @	WIFI (Page)	7/25/24 1351
WIFI (Page)	7/25/24 1900		7/25/24 2200
	7/26 140		7/26 1:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2442807
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Nicholas Palumbo
Phone:	(212) 479-5435
Project Name:	145-165 WOLCOTT STREET
Project Number:	170562203
Report Date:	08/06/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2442807-01	SBD07_85-87	SOIL	BROOKLYN, NY	07/30/24 08:45	07/30/24

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2442807
Project Number:	170562203	**Report Date:**	08/06/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2442807
Project Number:	170562203	**Report Date:**	08/06/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2442807-01: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 08/06/24

ORGANICS

VOLATILES

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01
Client ID: SBD07_85-87
Sample Location: BROOKLYN, NY

Date Collected: 07/30/24 08:45
Date Received: 07/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/02/24 13:36
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	190		ug/kg	0.55	0.18	1
Toluene	130		ug/kg	1.1	0.60	1
Ethylbenzene	190		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01 Date Collected: 07/30/24 08:45

Client ID: SBD07_85-87 Date Received: 07/30/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	61		ug/kg	2.2	0.62	1
o-Xylene	100		ug/kg	1.1	0.32	1
Xylenes, Total	160		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	9.8		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	0.32	J	ug/kg	1.1	0.18	1
sec-Butylbenzene	0.22	J	ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	2.7		ug/kg	1.1	0.12	1
p-Isopropyltoluene	0.56	J	ug/kg	1.1	0.12	1
Naphthalene	800	E	ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01 Date Collected: 07/30/24 08:45

Client ID: SBD07_85-87 Date Received: 07/30/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	3.6		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	9.6		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	34		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	0.53	J	ug/kg	2.2	0.20	1
p-Ethyltoluene	17		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	1.1	J	ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	103		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01
Client ID: SBD07_85-87
Sample Location: BROOKLYN, NY

Date Collected: 07/30/24 08:45
Date Received: 07/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/24 18:21
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	350	160	1
1,1-Dichloroethane	ND		ug/kg	69	10.	1
Chloroform	ND		ug/kg	100	9.7	1
Carbon tetrachloride	ND		ug/kg	69	16.	1
1,2-Dichloropropane	ND		ug/kg	69	8.7	1
Dibromochloromethane	ND		ug/kg	69	9.7	1
1,1,2-Trichloroethane	ND		ug/kg	69	18.	1
Tetrachloroethene	ND		ug/kg	35	14.	1
Chlorobenzene	ND		ug/kg	35	8.8	1
Trichlorofluoromethane	ND		ug/kg	280	48.	1
1,2-Dichloroethane	ND		ug/kg	69	18.	1
1,1,1-Trichloroethane	ND		ug/kg	35	12.	1
Bromodichloromethane	ND		ug/kg	35	7.6	1
trans-1,3-Dichloropropene	ND		ug/kg	69	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	35	11.	1
1,3-Dichloropropene, Total	ND		ug/kg	35	11.	1
1,1-Dichloropropene	ND		ug/kg	35	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	35	12.	1
Benzene	100		ug/kg	35	12.	1
Toluene	150		ug/kg	69	38.	1
Ethylbenzene	85		ug/kg	69	9.8	1
Chloromethane	ND		ug/kg	280	65.	1
Bromomethane	ND		ug/kg	140	40.	1
Vinyl chloride	ND		ug/kg	69	23.	1
Chloroethane	ND		ug/kg	140	31.	1
1,1-Dichloroethene	ND		ug/kg	69	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.5	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01 Date Collected: 07/30/24 08:45

Client ID: SBD07_85-87 Date Received: 07/30/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	35	9.5	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	42	J	ug/kg	140	39.	1
o-Xylene	50	J	ug/kg	69	20.	1
Xylenes, Total	92	J	ug/kg	69	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	69	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	69	9.5	1
Dibromomethane	ND		ug/kg	140	16.	1
Styrene	ND		ug/kg	69	14.	1
Dichlorodifluoromethane	ND		ug/kg	690	64.	1
Acetone	ND		ug/kg	690	330	1
Carbon disulfide	ND		ug/kg	690	320	1
2-Butanone	ND		ug/kg	690	150	1
Vinyl acetate	ND		ug/kg	690	150	1
4-Methyl-2-pentanone	ND		ug/kg	690	89.	1
1,2,3-Trichloropropane	ND		ug/kg	140	8.8	1
2-Hexanone	ND		ug/kg	690	82.	1
Bromochloromethane	ND		ug/kg	140	14.	1
2,2-Dichloropropane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	69	19.	1
1,3-Dichloropropane	ND		ug/kg	140	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	35	9.2	1
Bromobenzene	ND		ug/kg	140	10.	1
n-Butylbenzene	ND		ug/kg	69	12.	1
sec-Butylbenzene	ND		ug/kg	69	10.	1
tert-Butylbenzene	ND		ug/kg	140	8.2	1
o-Chlorotoluene	ND		ug/kg	140	13.	1
p-Chlorotoluene	ND		ug/kg	140	7.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	69.	1
Hexachlorobutadiene	ND		ug/kg	280	12.	1
Isopropylbenzene	ND		ug/kg	69	7.6	1
p-Isopropyltoluene	ND		ug/kg	69	7.6	1
Naphthalene	600		ug/kg	280	45.	1
Acrylonitrile	ND		ug/kg	280	80.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01 Date Collected: 07/30/24 08:45

Client ID: SBD07_85-87 Date Received: 07/30/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	69	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
1,3,5-Trimethylbenzene	ND		ug/kg	140	13.	1
1,2,4-Trimethylbenzene	ND		ug/kg	140	23.	1
1,4-Dioxane	ND		ug/kg	5600	2400	1
p-Diethylbenzene	ND		ug/kg	140	12.	1
p-Ethyltoluene	ND		ug/kg	140	27.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	140	13.	1
Ethyl ether	ND		ug/kg	140	24.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	350	98.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	107		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1955235-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1955235-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1955235-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	105		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1955802-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1955802-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1955802-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1955235-3 WG1955235-4								
Methylene chloride	109		106		70-130	3		30
1,1-Dichloroethane	105		102		70-130	3		30
Chloroform	107		102		70-130	5		30
Carbon tetrachloride	104		102		70-130	2		30
1,2-Dichloropropane	100		98		70-130	2		30
Dibromochloromethane	100		102		70-130	2		30
1,1,2-Trichloroethane	99		101		70-130	2		30
Tetrachloroethene	105		101		70-130	4		30
Chlorobenzene	101		99		70-130	2		30
Trichlorofluoromethane	106		93		70-139	13		30
1,2-Dichloroethane	108		108		70-130	0		30
1,1,1-Trichloroethane	111		108		70-130	3		30
Bromodichloromethane	104		103		70-130	1		30
trans-1,3-Dichloropropene	102		103		70-130	1		30
cis-1,3-Dichloropropene	101		100		70-130	1		30
1,1-Dichloropropene	108		104		70-130	4		30
Bromoform	96		98		70-130	2		30
1,1,2,2-Tetrachloroethane	97		100		70-130	3		30
Benzene	102		99		70-130	3		30
Toluene	105		103		70-130	2		30
Ethylbenzene	101		98		70-130	3		30
Chloromethane	115		116		52-130	1		30
Bromomethane	106		85		57-147	22		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1955235-3 WG1955235-4								
Vinyl chloride	90		106		67-130	16		30
Chloroethane	75		58		50-151	26		30
1,1-Dichloroethene	102		98		65-135	4		30
trans-1,2-Dichloroethene	100		99		70-130	1		30
Trichloroethene	104		99		70-130	5		30
1,2-Dichlorobenzene	100		98		70-130	2		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	102		99		70-130	3		30
Methyl tert butyl ether	107		108		66-130	1		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	101		100		70-130	1		30
cis-1,2-Dichloroethene	98		97		70-130	1		30
Dibromomethane	98		100		70-130	2		30
Styrene	108		107		70-130	1		30
Dichlorodifluoromethane	118		112		30-146	5		30
Acetone	105		99		54-140	6		30
Carbon disulfide	102		97		59-130	5		30
2-Butanone	93		93		70-130	0		30
Vinyl acetate	**135**	Q	**151**	Q	70-130	11		30
4-Methyl-2-pentanone	92		94		70-130	2		30
1,2,3-Trichloropropane	97		98		68-130	1		30
2-Hexanone	92		95		70-130	3		30
Bromochloromethane	100		99		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1955235-3 WG1955235-4								
2,2-Dichloropropane	106		102		70-130	4		30
1,2-Dibromoethane	100		102		70-130	2		30
1,3-Dichloropropane	99		100		69-130	1		30
1,1,1,2-Tetrachloroethane	102		103		70-130	1		30
Bromobenzene	93		91		70-130	2		30
n-Butylbenzene	110		105		70-130	5		30
sec-Butylbenzene	102		98		70-130	4		30
tert-Butylbenzene	97		94		70-130	3		30
o-Chlorotoluene	100		98		70-130	2		30
p-Chlorotoluene	102		99		70-130	3		30
1,2-Dibromo-3-chloropropane	88		91		68-130	3		30
Hexachlorobutadiene	98		96		67-130	2		30
Isopropylbenzene	96		94		70-130	2		30
p-Isopropyltoluene	101		98		70-130	3		30
Naphthalene	86		87		70-130	1		30
Acrylonitrile	111		116		70-130	4		30
n-Propylbenzene	102		98		70-130	4		30
1,2,3-Trichlorobenzene	98		97		70-130	1		30
1,2,4-Trichlorobenzene	100		99		70-130	1		30
1,3,5-Trimethylbenzene	100		96		70-130	4		30
1,2,4-Trimethylbenzene	98		96		70-130	2		30
1,4-Dioxane	84		86		65-136	2		30
p-Diethylbenzene	103		99		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1955235-3 WG1955235-4								
p-Ethyltoluene	100		96		70-130	4		30
1,2,4,5-Tetramethylbenzene	99		94		70-130	5		30
Ethyl ether	112		104		67-130	7		30
trans-1,4-Dichloro-2-butene	120		119		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		114		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	102		90		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1955802-3 WG1955802-4								
Methylene chloride	100		94		70-130	6		30
1,1-Dichloroethane	98		90		70-130	9		30
Chloroform	99		93		70-130	6		30
Carbon tetrachloride	100		93		70-130	7		30
1,2-Dichloropropane	93		89		70-130	4		30
Dibromochloromethane	96		94		70-130	2		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	102		94		70-130	8		30
Chlorobenzene	95		91		70-130	4		30
Trichlorofluoromethane	81		96		70-139	17		30
1,2-Dichloroethane	101		96		70-130	5		30
1,1,1-Trichloroethane	104		98		70-130	6		30
Bromodichloromethane	98		93		70-130	5		30
trans-1,3-Dichloropropene	96		92		70-130	4		30
cis-1,3-Dichloropropene	96		92		70-130	4		30
1,1-Dichloropropene	103		95		70-130	8		30
Bromoform	95		92		70-130	3		30
1,1,2,2-Tetrachloroethane	92		86		70-130	7		30
Benzene	95		90		70-130	5		30
Toluene	99		92		70-130	7		30
Ethylbenzene	95		88		70-130	8		30
Chloromethane	101		96		52-130	5		30
Bromomethane	76		97		57-147	24		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1955802-3 WG1955802-4								
Vinyl chloride	79		94		67-130	17		30
Chloroethane	50		72		50-151	**36**	Q	30
1,1-Dichloroethene	98		89		65-135	10		30
trans-1,2-Dichloroethene	96		88		70-130	9		30
Trichloroethene	97		93		70-130	4		30
1,2-Dichlorobenzene	96		90		70-130	6		30
1,3-Dichlorobenzene	100		93		70-130	7		30
1,4-Dichlorobenzene	98		91		70-130	7		30
Methyl tert butyl ether	103		98		66-130	5		30
p/m-Xylene	97		91		70-130	6		30
o-Xylene	96		90		70-130	6		30
cis-1,2-Dichloroethene	93		88		70-130	6		30
Dibromomethane	94		91		70-130	3		30
Styrene	102		96		70-130	6		30
Dichlorodifluoromethane	107		98		30-146	9		30
Acetone	92		84		54-140	9		30
Carbon disulfide	94		87		59-130	8		30
2-Butanone	85		82		70-130	4		30
Vinyl acetate	**132**	Q	116		70-130	13		30
4-Methyl-2-pentanone	88		84		70-130	5		30
1,2,3-Trichloropropane	91		86		68-130	6		30
2-Hexanone	85		80		70-130	6		30
Bromochloromethane	96		93		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1955802-3 WG1955802-4								
2,2-Dichloropropane	100		92		70-130	8		30
1,2-Dibromoethane	95		94		70-130	1		30
1,3-Dichloropropane	92		89		69-130	3		30
1,1,1,2-Tetrachloroethane	97		94		70-130	3		30
Bromobenzene	91		85		70-130	7		30
n-Butylbenzene	104		94		70-130	10		30
sec-Butylbenzene	97		88		70-130	10		30
tert-Butylbenzene	93		86		70-130	8		30
o-Chlorotoluene	96		88		70-130	9		30
p-Chlorotoluene	96		90		70-130	6		30
1,2-Dibromo-3-chloropropane	89		84		68-130	6		30
Hexachlorobutadiene	98		92		67-130	6		30
Isopropylbenzene	93		86		70-130	8		30
p-Isopropyltoluene	97		89		70-130	9		30
Naphthalene	86		83		70-130	4		30
Acrylonitrile	105		101		70-130	4		30
n-Propylbenzene	96		88		70-130	9		30
1,2,3-Trichlorobenzene	98		93		70-130	5		30
1,2,4-Trichlorobenzene	101		95		70-130	6		30
1,3,5-Trimethylbenzene	95		88		70-130	8		30
1,2,4-Trimethylbenzene	94		87		70-130	8		30
1,4-Dioxane	87		85		65-136	2		30
p-Diethylbenzene	99		92		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1955802-3 WG1955802-4								
p-Ethyltoluene	95		88		70-130	8		30
1,2,4,5-Tetramethylbenzene	95		88		70-130	8		30
Ethyl ether	109		101		67-130	8		30
trans-1,4-Dichloro-2-butene	103		103		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	98		90		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01
Client ID: SBD07_85-87
Sample Location: BROOKLYN, NY

Date Collected: 07/30/24 08:45
Date Received: 07/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/06/24 04:39
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	240		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01 Date Collected: 07/30/24 08:45

Client ID: SBD07_85-87 Date Received: 07/30/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	29	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2442807

Project Number: 170562203 **Report Date:** 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01 Date Collected: 07/30/24 08:45

Client ID: SBD07_85-87 Date Received: 07/30/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	60		18-120

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2442807
Report Date: 08/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 01:05
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955061-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2442807
Report Date: 08/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 01:05
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955061-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2442807
Report Date: 08/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 01:05
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955061-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	90		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1955061-2 WG1955061-3								
Acenaphthene	85		79		31-137	7		50
1,2,4-Trichlorobenzene	85		82		38-107	4		50
Hexachlorobenzene	97		89		40-140	9		50
Bis(2-chloroethyl)ether	78		73		40-140	7		50
2-Chloronaphthalene	87		80		40-140	8		50
1,2-Dichlorobenzene	80		77		40-140	4		50
1,3-Dichlorobenzene	77		76		40-140	1		50
1,4-Dichlorobenzene	79		78		28-104	1		50
3,3'-Dichlorobenzidine	75		71		40-140	5		50
2,4-Dinitrotoluene	92		83		40-132	10		50
2,6-Dinitrotoluene	91		81		40-140	12		50
Fluoranthene	92		83		40-140	10		50
4-Chlorophenyl phenyl ether	87		81		40-140	7		50
4-Bromophenyl phenyl ether	91		85		40-140	7		50
Bis(2-chloroisopropyl)ether	46		45		40-140	2		50
Bis(2-chloroethoxy)methane	84		82		40-117	2		50
Hexachlorobutadiene	92		88		40-140	4		50
Hexachlorocyclopentadiene	68		66		40-140	3		50
Hexachloroethane	79		75		40-140	5		50
Isophorone	80		76		40-140	5		50
Naphthalene	84		77		40-140	9		50
Nitrobenzene	76		73		40-140	4		50
NDPA/DPA	86		80		36-157	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1955061-2 WG1955061-3								
n-Nitrosodi-n-propylamine	78		74		32-121	5		50
Bis(2-ethylhexyl)phthalate	76		73		40-140	4		50
Butyl benzyl phthalate	90		86		40-140	5		50
Di-n-butylphthalate	90		84		40-140	7		50
Di-n-octylphthalate	77		74		40-140	4		50
Diethyl phthalate	88		82		40-140	7		50
Dimethyl phthalate	91		81		40-140	12		50
Benzo(a)anthracene	81		73		40-140	10		50
Benzo(a)pyrene	80		78		40-140	3		50
Benzo(b)fluoranthene	81		76		40-140	6		50
Benzo(k)fluoranthene	77		75		40-140	3		50
Chrysene	80		75		40-140	6		50
Acenaphthylene	86		78		40-140	10		50
Anthracene	90		82		40-140	9		50
Benzo(ghi)perylene	89		80		40-140	11		50
Fluorene	86		79		40-140	8		50
Phenanthrene	90		80		40-140	12		50
Dibenzo(a,h)anthracene	87		80		40-140	8		50
Indeno(1,2,3-cd)pyrene	86		80		40-140	7		50
Pyrene	94		86		35-142	9		50
Biphenyl	89		81		37-127	9		50
4-Chloroaniline	62		57		40-140	8		50
2-Nitroaniline	91		81		47-134	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1955061-2 WG1955061-3								
3-Nitroaniline	107		96		26-129	11		50
4-Nitroaniline	95		83		41-125	13		50
Dibenzofuran	87		79		40-140	10		50
2-Methylnaphthalene	87		80		40-140	8		50
1,2,4,5-Tetrachlorobenzene	94		86		40-117	9		50
Acetophenone	86		81		14-144	6		50
2,4,6-Trichlorophenol	96		85		30-130	12		50
p-Chloro-m-cresol	92		85		26-103	8		50
2-Chlorophenol	85		80		25-102	6		50
2,4-Dichlorophenol	89		86		30-130	3		50
2,4-Dimethylphenol	75		71		30-130	5		50
2-Nitrophenol	88		83		30-130	6		50
4-Nitrophenol	83		74		11-114	11		50
2,4-Dinitrophenol	80		72		4-130	11		50
4,6-Dinitro-o-cresol	93		89		10-130	4		50
Pentachlorophenol	94		87		17-109	8		50
Phenol	87		82		26-90	6		50
2-Methylphenol	86		76		30-130.	12		50
3-Methylphenol/4-Methylphenol	88		82		30-130	7		50
2,4,5-Trichlorophenol	98		88		30-130	11		50
Benzoic Acid	48		41		10-110	16		50
Benzyl Alcohol	85		80		40-140	6		50
Carbazole	92		83		54-128	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2442807

Report Date: 08/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1955061-2 WG1955061-3								
1,4-Dioxane	52		50		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		79		25-120
Phenol-d6	87		82		10-120
Nitrobenzene-d5	77		73		23-120
2-Fluorobiphenyl	87		79		30-120
2,4,6-Tribromophenol	99		91		10-136
4-Terphenyl-d14	89		84		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2442807
Report Date: 08/06/24

SAMPLE RESULTS

Lab ID: L2442807-01
Client ID: SBD07_85-87
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/30/24 08:45
Date Received: 07/30/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	07/31/24 09:08	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2442807

Report Date: 08/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1953608-1 QC Sample: L2442884-02 Client ID: DUP Sample						
Solids, Total	95.5	95.6	%	0		20

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2442807
Report Date: 08/06/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2442807-01A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2442807-01B	Vial water preserved	A	NA		2.6	Y	Absent	31-JUL-24 08:25	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2442807-01C	Vial water preserved	A	NA		2.6	Y	Absent	31-JUL-24 08:25	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2442807-01D	Plastic 120ml unpreserved	A	NA		2.6	Y	Absent		TS(7)
L2442807-01E	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2442807
Project Number:	170562203	**Report Date:**	08/06/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2442807
Project Number:	170562203	**Report Date:**	08/06/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2442807
Project Number:	170562203	**Report Date:**	08/06/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2442807
Project Number:	170562203	**Report Date:**	08/06/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:08062410:16

L2442807 06AUG24
LANGAN – NYC

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 7/31/24

Client Information

Client: ~~360~~ Langan Engineering
Address: 360 W 31st Street Fl 7
New York, NY 10001
Phone: 212-479-5400
Fax:
Email: Npalumbo@langan.com

Project Information

Project Name: 145-165 Wolcott Street
Project Location: Brooklyn, NY
Project # 170562203
(Use Project name as Project #)
Project Manager: Nicholas Palumbo
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[X] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information

[X] Same as Client Info
PO #

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
Please cc datamanagement@langan.com & LGrose@langan.com

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 TCL	VOCs + SVOCs	Total Bottle
42807-01	SBD07-85-87	7/30/24	8:45	S	AC	X	X	

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type											
Preservative											

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible] Langan	7/30/24 15:10	WIFI (Pace)	7/30/24 1509
WIFI (Pace)	7/30/24 20:00	Anthony Green	JUL 30 2024 2114
Anthony Green	7/31/24 0310		7/31/24 0105

07131124-0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2443129
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Nicholas Palumbo
Phone:	(212) 479-5435
Project Name:	145-165 WOLCOTT STREET
Project Number:	170562203
Report Date:	08/07/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2443129-01	SBD08_65-67	SOIL	BROOKLYN, NY	07/31/24 10:00	07/31/24
L2443129-02	SBD08_76-78	SOIL	BROOKLYN, NY	07/31/24 10:20	07/31/24
L2443129-03	SBD08_86-88	SOIL	BROOKLYN, NY	07/31/24 10:40	07/31/24

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443129
Project Number:	170562203	**Report Date:**	08/07/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443129
Project Number:	170562203	**Report Date:**	08/07/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 08/07/24

ORGANICS

VOLATILES

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-01 Date Collected: 07/31/24 10:00
Client ID: SBD08_65-67 Date Received: 07/31/24
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/24 12:41
Analyst: AJK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	44		ug/kg	0.52	0.17	1
Toluene	20		ug/kg	1.0	0.56	1
Ethylbenzene	54		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-01 Date Collected: 07/31/24 10:00

Client ID: SBD08_65-67 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	34		ug/kg	2.1	0.58	1
o-Xylene	55		ug/kg	1.0	0.30	1
Xylenes, Total	89		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	13		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	0.35	J	ug/kg	1.0	0.17	1
sec-Butylbenzene	0.27	J	ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	8.3		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.34	J	ug/kg	1.0	0.11	1
Naphthalene	92		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-01 Date Collected: 07/31/24 10:00

Client ID: SBD08_65-67 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	7.0		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	2.3		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	29		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	0.56	J	ug/kg	2.1	0.18	1
p-Ethyltoluene	13		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	1.3	J	ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	107		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-02 Date Collected: 07/31/24 10:20
Client ID: SBD08_76-78 Date Received: 07/31/24
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/24 13:07
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	12		ug/kg	0.52	0.17	1
Toluene	9.9		ug/kg	1.0	0.57	1
Ethylbenzene	52		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-02 Date Collected: 07/31/24 10:20

Client ID: SBD08_76-78 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	42		ug/kg	2.1	0.58	1
o-Xylene	66		ug/kg	1.0	0.30	1
Xylenes, Total	110		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	21		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	0.18	J	ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	1.5		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.15	J	ug/kg	1.0	0.11	1
Naphthalene	160		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-02 Date Collected: 07/31/24 10:20

Client ID: SBD08_76-78 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	2.4		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	6.6		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	21		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	12		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	0.68	J	ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	108		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-03 Date Collected: 07/31/24 10:40
Client ID: SBD08_86-88 Date Received: 07/31/24
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/24 13:33
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-03 Date Collected: 07/31/24 10:40

Client ID: SBD08_86-88 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	1.8	J	ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-03 Date Collected: 07/31/24 10:40

Client ID: SBD08_86-88 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	112		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955903-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955903-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955903-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955903-3 WG1955903-4								
Methylene chloride	100		94		70-130	6		30
1,1-Dichloroethane	98		90		70-130	9		30
Chloroform	99		93		70-130	6		30
Carbon tetrachloride	100		93		70-130	7		30
1,2-Dichloropropane	93		89		70-130	4		30
Dibromochloromethane	96		94		70-130	2		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	102		94		70-130	8		30
Chlorobenzene	95		91		70-130	4		30
Trichlorofluoromethane	81		96		70-139	17		30
1,2-Dichloroethane	101		96		70-130	5		30
1,1,1-Trichloroethane	104		98		70-130	6		30
Bromodichloromethane	98		93		70-130	5		30
trans-1,3-Dichloropropene	96		92		70-130	4		30
cis-1,3-Dichloropropene	96		92		70-130	4		30
1,1-Dichloropropene	103		95		70-130	8		30
Bromoform	95		92		70-130	3		30
1,1,2,2-Tetrachloroethane	92		86		70-130	7		30
Benzene	95		90		70-130	5		30
Toluene	99		92		70-130	7		30
Ethylbenzene	95		88		70-130	8		30
Chloromethane	101		96		52-130	5		30
Bromomethane	76		97		57-147	24		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955903-3 WG1955903-4								
Vinyl chloride	79		94		67-130	17		30
Chloroethane	50		72		50-151	**36**	Q	30
1,1-Dichloroethene	98		89		65-135	10		30
trans-1,2-Dichloroethene	96		88		70-130	9		30
Trichloroethene	97		93		70-130	4		30
1,2-Dichlorobenzene	96		90		70-130	6		30
1,3-Dichlorobenzene	100		93		70-130	7		30
1,4-Dichlorobenzene	98		91		70-130	7		30
Methyl tert butyl ether	103		98		66-130	5		30
p/m-Xylene	97		91		70-130	6		30
o-Xylene	96		90		70-130	6		30
cis-1,2-Dichloroethene	93		88		70-130	6		30
Dibromomethane	94		91		70-130	3		30
Styrene	102		96		70-130	6		30
Dichlorodifluoromethane	107		98		30-146	9		30
Acetone	92		84		54-140	9		30
Carbon disulfide	94		87		59-130	8		30
2-Butanone	85		82		70-130	4		30
Vinyl acetate	**132**	Q	116		70-130	13		30
4-Methyl-2-pentanone	88		84		70-130	5		30
1,2,3-Trichloropropane	91		86		68-130	6		30
2-Hexanone	85		80		70-130	6		30
Bromochloromethane	96		93		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955903-3 WG1955903-4								
2,2-Dichloropropane	100		92		70-130	8		30
1,2-Dibromoethane	95		94		70-130	1		30
1,3-Dichloropropane	92		89		69-130	3		30
1,1,1,2-Tetrachloroethane	97		94		70-130	3		30
Bromobenzene	91		85		70-130	7		30
n-Butylbenzene	104		94		70-130	10		30
sec-Butylbenzene	97		88		70-130	10		30
tert-Butylbenzene	93		86		70-130	8		30
o-Chlorotoluene	96		88		70-130	9		30
p-Chlorotoluene	96		90		70-130	6		30
1,2-Dibromo-3-chloropropane	89		84		68-130	6		30
Hexachlorobutadiene	98		92		67-130	6		30
Isopropylbenzene	93		86		70-130	8		30
p-Isopropyltoluene	97		89		70-130	9		30
Naphthalene	86		83		70-130	4		30
Acrylonitrile	105		101		70-130	4		30
n-Propylbenzene	96		88		70-130	9		30
1,2,3-Trichlorobenzene	98		93		70-130	5		30
1,2,4-Trichlorobenzene	101		95		70-130	6		30
1,3,5-Trimethylbenzene	95		88		70-130	8		30
1,2,4-Trimethylbenzene	94		87		70-130	8		30
1,4-Dioxane	87		85		65-136	2		30
p-Diethylbenzene	99		92		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955903-3 WG1955903-4								
p-Ethyltoluene	95		88		70-130	8		30
1,2,4,5-Tetramethylbenzene	95		88		70-130	8		30
Ethyl ether	109		101		67-130	8		30
trans-1,4-Dichloro-2-butene	103		103		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	98		90		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-01
Client ID: SBD08_65-67
Sample Location: BROOKLYN, NY

Date Collected: 07/31/24 10:00
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/06/24 20:24
Analyst: IM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 08/05/24 08:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	100	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-01 Date Collected: 07/31/24 10:00

Client ID: SBD08_65-67 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-01 Date Collected: 07/31/24 10:00

Client ID: SBD08_65-67 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	62		18-120

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-02
Client ID: SBD08_76-78
Sample Location: BROOKLYN, NY

Date Collected: 07/31/24 10:20
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/06/24 20:42
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/05/24 08:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	79	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-02 Date Collected: 07/31/24 10:20

Client ID: SBD08_76-78 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-02 Date Collected: 07/31/24 10:20

Client ID: SBD08_76-78 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		25-120
Phenol-d6	42		10-120
Nitrobenzene-d5	30		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	47		18-120

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-03
Client ID: SBD08_86-88
Sample Location: BROOKLYN, NY

Date Collected: 07/31/24 10:40
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/06/24 21:00
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 08/05/24 08:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-03 Date Collected: 07/31/24 10:40

Client ID: SBD08_86-88 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443129

Project Number: 170562203 **Report Date:** 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-03 Date Collected: 07/31/24 10:40

Client ID: SBD08_86-88 Date Received: 07/31/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	62		18-120

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443129
Report Date: 08/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 01:05
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955061-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443129
Report Date: 08/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 01:05
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955061-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443129
Report Date: 08/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 01:05
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955061-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	90		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955061-2 WG1955061-3								
Acenaphthene	85		79		31-137	7		50
1,2,4-Trichlorobenzene	85		82		38-107	4		50
Hexachlorobenzene	97		89		40-140	9		50
Bis(2-chloroethyl)ether	78		73		40-140	7		50
2-Chloronaphthalene	87		80		40-140	8		50
1,2-Dichlorobenzene	80		77		40-140	4		50
1,3-Dichlorobenzene	77		76		40-140	1		50
1,4-Dichlorobenzene	79		78		28-104	1		50
3,3'-Dichlorobenzidine	75		71		40-140	5		50
2,4-Dinitrotoluene	92		83		40-132	10		50
2,6-Dinitrotoluene	91		81		40-140	12		50
Fluoranthene	92		83		40-140	10		50
4-Chlorophenyl phenyl ether	87		81		40-140	7		50
4-Bromophenyl phenyl ether	91		85		40-140	7		50
Bis(2-chloroisopropyl)ether	46		45		40-140	2		50
Bis(2-chloroethoxy)methane	84		82		40-117	2		50
Hexachlorobutadiene	92		88		40-140	4		50
Hexachlorocyclopentadiene	68		66		40-140	3		50
Hexachloroethane	79		75		40-140	5		50
Isophorone	80		76		40-140	5		50
Naphthalene	84		77		40-140	9		50
Nitrobenzene	76		73		40-140	4		50
NDPA/DPA	86		80		36-157	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955061-2 WG1955061-3								
n-Nitrosodi-n-propylamine	78		74		32-121	5		50
Bis(2-ethylhexyl)phthalate	76		73		40-140	4		50
Butyl benzyl phthalate	90		86		40-140	5		50
Di-n-butylphthalate	90		84		40-140	7		50
Di-n-octylphthalate	77		74		40-140	4		50
Diethyl phthalate	88		82		40-140	7		50
Dimethyl phthalate	91		81		40-140	12		50
Benzo(a)anthracene	81		73		40-140	10		50
Benzo(a)pyrene	80		78		40-140	3		50
Benzo(b)fluoranthene	81		76		40-140	6		50
Benzo(k)fluoranthene	77		75		40-140	3		50
Chrysene	80		75		40-140	6		50
Acenaphthylene	86		78		40-140	10		50
Anthracene	90		82		40-140	9		50
Benzo(ghi)perylene	89		80		40-140	11		50
Fluorene	86		79		40-140	8		50
Phenanthrene	90		80		40-140	12		50
Dibenzo(a,h)anthracene	87		80		40-140	8		50
Indeno(1,2,3-cd)pyrene	86		80		40-140	7		50
Pyrene	94		86		35-142	9		50
Biphenyl	89		81		37-127	9		50
4-Chloroaniline	62		57		40-140	8		50
2-Nitroaniline	91		81		47-134	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955061-2 WG1955061-3								
3-Nitroaniline	107		96		26-129	11		50
4-Nitroaniline	95		83		41-125	13		50
Dibenzofuran	87		79		40-140	10		50
2-Methylnaphthalene	87		80		40-140	8		50
1,2,4,5-Tetrachlorobenzene	94		86		40-117	9		50
Acetophenone	86		81		14-144	6		50
2,4,6-Trichlorophenol	96		85		30-130	12		50
p-Chloro-m-cresol	92		85		26-103	8		50
2-Chlorophenol	85		80		25-102	6		50
2,4-Dichlorophenol	89		86		30-130	3		50
2,4-Dimethylphenol	75		71		30-130	5		50
2-Nitrophenol	88		83		30-130	6		50
4-Nitrophenol	83		74		11-114	11		50
2,4-Dinitrophenol	80		72		4-130	11		50
4,6-Dinitro-o-cresol	93		89		10-130	4		50
Pentachlorophenol	94		87		17-109	8		50
Phenol	87		82		26-90	6		50
2-Methylphenol	86		76		30-130.	12		50
3-Methylphenol/4-Methylphenol	88		82		30-130	7		50
2,4,5-Trichlorophenol	98		88		30-130	11		50
Benzoic Acid	48		41		10-110	16		50
Benzyl Alcohol	85		80		40-140	6		50
Carbazole	92		83		54-128	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955061-2 WG1955061-3								
1,4-Dioxane	52		50		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		79		25-120
Phenol-d6	87		82		10-120
Nitrobenzene-d5	77		73		23-120
2-Fluorobiphenyl	87		79		30-120
2,4,6-Tribromophenol	99		91		10-136
4-Terphenyl-d14	89		84		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443129
Report Date: 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-01
Client ID: SBD08_65-67
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/31/24 10:00
Date Received: 07/31/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.9		%	0.100	NA	1	-	08/02/24 00:24	121,2540G	WJM

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443129
Report Date: 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-02
Client ID: SBD08_76-78
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/31/24 10:20
Date Received: 07/31/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	08/02/24 00:24	121,2540G	WJM

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443129
Report Date: 08/07/24

SAMPLE RESULTS

Lab ID: L2443129-03
Client ID: SBD08_86-88
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/31/24 10:40
Date Received: 07/31/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	08/02/24 00:24	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2443129

Report Date: 08/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1954424-1 QC Sample: L2443093-01 Client ID: DUP Sample						
Solids, Total	95.8	94.8	%	1		20

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443129
Report Date: 08/07/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443129-01A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2443129-01B	Vial water preserved	A	NA		3.9	Y	Absent	01-AUG-24 17:43	NYTCL-8260HLW(14)
L2443129-01C	Vial water preserved	A	NA		3.9	Y	Absent	01-AUG-24 17:43	NYTCL-8260HLW(14)
L2443129-01D	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14)
L2443129-01E	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2443129-02A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2443129-02B	Vial water preserved	A	NA		3.9	Y	Absent	01-AUG-24 17:43	NYTCL-8260HLW(14)
L2443129-02C	Vial water preserved	A	NA		3.9	Y	Absent	01-AUG-24 17:43	NYTCL-8260HLW(14)
L2443129-02D	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14)
L2443129-02E	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2443129-03A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2443129-03B	Vial water preserved	A	NA		3.9	Y	Absent	01-AUG-24 17:43	NYTCL-8260HLW(14)
L2443129-03C	Vial water preserved	A	NA		3.9	Y	Absent	01-AUG-24 17:43	NYTCL-8260HLW(14)
L2443129-03D	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14)
L2443129-03E	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443129
Project Number:	170562203	**Report Date:**	08/07/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443129
Project Number:	170562203	**Report Date:**	08/07/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443129
Project Number:	170562203	**Report Date:**	08/07/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443129
Project Number:	170562203	**Report Date:**	08/07/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2443129 07AUG24
LANGAN – NYC

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 8/1/24

Client Information

Client: Langan Engineering
Address: 360 W 31st Street, Fl 7
New York, NY 10001
Phone: 212-479-5400
Fax:
Email: npalumbo@langan.com

Project Information

Project Name: 145-165 Wolcott Street
Project Location: Brooklyn, NY
Project # 170562203
(Use Project name as Project #) ☐
Project Manager: Nicholas Palumbo
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

~~ASP-A~~ ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please CC datamanagement@langan.com & lgrose@langan.com

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 TCL	VOCs + SVOCs							Total Bottle
43129-01	SBD08-65-67	7/31/24	10:00	S	CM	X	X							
-02	SBD08-76-78	↓	10:20	↓	↓	X	X							
-03	SBD08-86-88	↓	10:40	↓	↓	X	X							

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Christina Langan	7/31/24 15:45		7/31/24 15:45
	7/31/24 18:45		7/31/24 18:50
	7/31/24		8/1 2200
	8/1 130		8/1/24 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2443491
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Nicholas Palumbo
Phone:	(212) 479-5435
Project Name:	145-165 WOLCOTT STREET
Project Number:	170562203
Report Date:	08/08/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443491
Report Date: 08/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2443491-01	SBD09_65-67	SOIL	BROOKLYN, NY	08/01/24 09:15	08/01/24
L2443491-02	SBD09_75-77	SOIL	BROOKLYN, NY	08/01/24 09:20	08/01/24
L2443491-03	SBD09_86-88	SOIL	BROOKLYN, NY	08/01/24 09:40	08/01/24

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443491
Project Number:	170562203	**Report Date:**	08/08/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443491
Project Number:	170562203	**Report Date:**	08/08/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 08/08/24

ORGANICS

VOLATILES

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-01
Client ID: SBD09_65-67
Sample Location: BROOKLYN, NY

Date Collected: 08/01/24 09:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/24 14:52
Analyst: JIC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-01 Date Collected: 08/01/24 09:15

Client ID: SBD09_65-67 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	0.52	J	ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-01 Date Collected: 08/01/24 09:15

Client ID: SBD09_65-67 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-02 Date Collected: 08/01/24 09:20
Client ID: SBD09_75-77 Date Received: 08/01/24
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/24 15:18
Analyst: JIC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-02 Date Collected: 08/01/24 09:20

Client ID: SBD09_75-77 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	1.9		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-02 Date Collected: 08/01/24 09:20

Client ID: SBD09_75-77 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	112		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-03 Date Collected: 08/01/24 09:40
Client ID: SBD09_86-88 Date Received: 08/01/24
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/24 15:44
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.91	0.50	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-03 Date Collected: 08/01/24 09:40

Client ID: SBD09_86-88 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.27	1
Xylenes, Total	ND		ug/kg	0.91	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.84	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.2	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	0.14	J	ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-03 Date Collected: 08/01/24 09:40

Client ID: SBD09_86-88 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	112		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955903-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955903-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443491
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955903-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443491
Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955903-3 WG1955903-4								
Methylene chloride	100		94		70-130	6		30
1,1-Dichloroethane	98		90		70-130	9		30
Chloroform	99		93		70-130	6		30
Carbon tetrachloride	100		93		70-130	7		30
1,2-Dichloropropane	93		89		70-130	4		30
Dibromochloromethane	96		94		70-130	2		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	102		94		70-130	8		30
Chlorobenzene	95		91		70-130	4		30
Trichlorofluoromethane	81		96		70-139	17		30
1,2-Dichloroethane	101		96		70-130	5		30
1,1,1-Trichloroethane	104		98		70-130	6		30
Bromodichloromethane	98		93		70-130	5		30
trans-1,3-Dichloropropene	96		92		70-130	4		30
cis-1,3-Dichloropropene	96		92		70-130	4		30
1,1-Dichloropropene	103		95		70-130	8		30
Bromoform	95		92		70-130	3		30
1,1,2,2-Tetrachloroethane	92		86		70-130	7		30
Benzene	95		90		70-130	5		30
Toluene	99		92		70-130	7		30
Ethylbenzene	95		88		70-130	8		30
Chloromethane	101		96		52-130	5		30
Bromomethane	76		97		57-147	24		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2443491

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955903-3 WG1955903-4								
Vinyl chloride	79		94		67-130	17		30
Chloroethane	50		72		50-151	**36**	Q	30
1,1-Dichloroethene	98		89		65-135	10		30
trans-1,2-Dichloroethene	96		88		70-130	9		30
Trichloroethene	97		93		70-130	4		30
1,2-Dichlorobenzene	96		90		70-130	6		30
1,3-Dichlorobenzene	100		93		70-130	7		30
1,4-Dichlorobenzene	98		91		70-130	7		30
Methyl tert butyl ether	103		98		66-130	5		30
p/m-Xylene	97		91		70-130	6		30
o-Xylene	96		90		70-130	6		30
cis-1,2-Dichloroethene	93		88		70-130	6		30
Dibromomethane	94		91		70-130	3		30
Styrene	102		96		70-130	6		30
Dichlorodifluoromethane	107		98		30-146	9		30
Acetone	92		84		54-140	9		30
Carbon disulfide	94		87		59-130	8		30
2-Butanone	85		82		70-130	4		30
Vinyl acetate	**132**	Q	116		70-130	13		30
4-Methyl-2-pentanone	88		84		70-130	5		30
1,2,3-Trichloropropane	91		86		68-130	6		30
2-Hexanone	85		80		70-130	6		30
Bromochloromethane	96		93		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443491
Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955903-3 WG1955903-4								
2,2-Dichloropropane	100		92		70-130	8		30
1,2-Dibromoethane	95		94		70-130	1		30
1,3-Dichloropropane	92		89		69-130	3		30
1,1,1,2-Tetrachloroethane	97		94		70-130	3		30
Bromobenzene	91		85		70-130	7		30
n-Butylbenzene	104		94		70-130	10		30
sec-Butylbenzene	97		88		70-130	10		30
tert-Butylbenzene	93		86		70-130	8		30
o-Chlorotoluene	96		88		70-130	9		30
p-Chlorotoluene	96		90		70-130	6		30
1,2-Dibromo-3-chloropropane	89		84		68-130	6		30
Hexachlorobutadiene	98		92		67-130	6		30
Isopropylbenzene	93		86		70-130	8		30
p-Isopropyltoluene	97		89		70-130	9		30
Naphthalene	86		83		70-130	4		30
Acrylonitrile	105		101		70-130	4		30
n-Propylbenzene	96		88		70-130	9		30
1,2,3-Trichlorobenzene	98		93		70-130	5		30
1,2,4-Trichlorobenzene	101		95		70-130	6		30
1,3,5-Trimethylbenzene	95		88		70-130	8		30
1,2,4-Trimethylbenzene	94		87		70-130	8		30
1,4-Dioxane	87		85		65-136	2		30
p-Diethylbenzene	99		92		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2443491

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955903-3 WG1955903-4								
p-Ethyltoluene	95		88		70-130	8		30
1,2,4,5-Tetramethylbenzene	95		88		70-130	8		30
Ethyl ether	109		101		67-130	8		30
trans-1,4-Dichloro-2-butene	103		103		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	98		90		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-01
Client ID: SBD09_65-67
Sample Location: BROOKLYN, NY

Date Collected: 08/01/24 09:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/06/24 21:36
Analyst: EK
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 08/05/24 08:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	220	21.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	37.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	57.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	74.	1
Butyl benzyl phthalate	ND		ug/kg	220	54.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	73.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-01 Date Collected: 08/01/24 09:15

Client ID: SBD09_65-67 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	89.	1
Dibenzofuran	ND		ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	22.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	71.	1
2-Nitrophenol	ND		ug/kg	460	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	220	32.	1
2-Methylphenol	ND		ug/kg	220	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-01 Date Collected: 08/01/24 09:15

Client ID: SBD09_65-67 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	41.	1
Benzoic Acid	ND		ug/kg	700	220	1
Benzyl Alcohol	ND		ug/kg	220	66.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	32	9.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	65		18-120

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-02
Client ID: SBD09_75-77
Sample Location: BROOKLYN, NY

Date Collected: 08/01/24 09:20
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/06/24 21:54
Analyst: EK
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 08/05/24 08:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-02 Date Collected: 08/01/24 09:20

Client ID: SBD09_75-77 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	53.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	170	34.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-02 Date Collected: 08/01/24 09:20

Client ID: SBD09_75-77 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	56		18-120

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-03
Client ID: SBD09_86-88
Sample Location: BROOKLYN, NY

Date Collected: 08/01/24 09:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/06/24 22:12
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 08/05/24 08:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-03 Date Collected: 08/01/24 09:40

Client ID: SBD09_86-88 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2443491

Project Number: 170562203 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-03 Date Collected: 08/01/24 09:40

Client ID: SBD09_86-88 Date Received: 08/01/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	56		18-120

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443491
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 01:05
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955061-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443491
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 01:05
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955061-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443491
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/06/24 01:05
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 08/04/24 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955061-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	90		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443491
Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955061-2 WG1955061-3								
Acenaphthene	85		79		31-137	7		50
1,2,4-Trichlorobenzene	85		82		38-107	4		50
Hexachlorobenzene	97		89		40-140	9		50
Bis(2-chloroethyl)ether	78		73		40-140	7		50
2-Chloronaphthalene	87		80		40-140	8		50
1,2-Dichlorobenzene	80		77		40-140	4		50
1,3-Dichlorobenzene	77		76		40-140	1		50
1,4-Dichlorobenzene	79		78		28-104	1		50
3,3'-Dichlorobenzidine	75		71		40-140	5		50
2,4-Dinitrotoluene	92		83		40-132	10		50
2,6-Dinitrotoluene	91		81		40-140	12		50
Fluoranthene	92		83		40-140	10		50
4-Chlorophenyl phenyl ether	87		81		40-140	7		50
4-Bromophenyl phenyl ether	91		85		40-140	7		50
Bis(2-chloroisopropyl)ether	46		45		40-140	2		50
Bis(2-chloroethoxy)methane	84		82		40-117	2		50
Hexachlorobutadiene	92		88		40-140	4		50
Hexachlorocyclopentadiene	68		66		40-140	3		50
Hexachloroethane	79		75		40-140	5		50
Isophorone	80		76		40-140	5		50
Naphthalene	84		77		40-140	9		50
Nitrobenzene	76		73		40-140	4		50
NDPA/DPA	86		80		36-157	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2443491

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955061-2 WG1955061-3								
n-Nitrosodi-n-propylamine	78		74		32-121	5		50
Bis(2-ethylhexyl)phthalate	76		73		40-140	4		50
Butyl benzyl phthalate	90		86		40-140	5		50
Di-n-butylphthalate	90		84		40-140	7		50
Di-n-octylphthalate	77		74		40-140	4		50
Diethyl phthalate	88		82		40-140	7		50
Dimethyl phthalate	91		81		40-140	12		50
Benzo(a)anthracene	81		73		40-140	10		50
Benzo(a)pyrene	80		78		40-140	3		50
Benzo(b)fluoranthene	81		76		40-140	6		50
Benzo(k)fluoranthene	77		75		40-140	3		50
Chrysene	80		75		40-140	6		50
Acenaphthylene	86		78		40-140	10		50
Anthracene	90		82		40-140	9		50
Benzo(ghi)perylene	89		80		40-140	11		50
Fluorene	86		79		40-140	8		50
Phenanthrene	90		80		40-140	12		50
Dibenzo(a,h)anthracene	87		80		40-140	8		50
Indeno(1,2,3-cd)pyrene	86		80		40-140	7		50
Pyrene	94		86		35-142	9		50
Biphenyl	89		81		37-127	9		50
4-Chloroaniline	62		57		40-140	8		50
2-Nitroaniline	91		81		47-134	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443491
Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955061-2 WG1955061-3								
3-Nitroaniline	107		96		26-129	11		50
4-Nitroaniline	95		83		41-125	13		50
Dibenzofuran	87		79		40-140	10		50
2-Methylnaphthalene	87		80		40-140	8		50
1,2,4,5-Tetrachlorobenzene	94		86		40-117	9		50
Acetophenone	86		81		14-144	6		50
2,4,6-Trichlorophenol	96		85		30-130	12		50
p-Chloro-m-cresol	92		85		26-103	8		50
2-Chlorophenol	85		80		25-102	6		50
2,4-Dichlorophenol	89		86		30-130	3		50
2,4-Dimethylphenol	75		71		30-130	5		50
2-Nitrophenol	88		83		30-130	6		50
4-Nitrophenol	83		74		11-114	11		50
2,4-Dinitrophenol	80		72		4-130	11		50
4,6-Dinitro-o-cresol	93		89		10-130	4		50
Pentachlorophenol	94		87		17-109	8		50
Phenol	87		82		26-90	6		50
2-Methylphenol	86		76		30-130.	12		50
3-Methylphenol/4-Methylphenol	88		82		30-130	7		50
2,4,5-Trichlorophenol	98		88		30-130	11		50
Benzoic Acid	48		41		10-110	16		50
Benzyl Alcohol	85		80		40-140	6		50
Carbazole	92		83		54-128	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443491
Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955061-2 WG1955061-3								
1,4-Dioxane	52		50		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		79		25-120
Phenol-d6	87		82		10-120
Nitrobenzene-d5	77		73		23-120
2-Fluorobiphenyl	87		79		30-120
2,4,6-Tribromophenol	99		91		10-136
4-Terphenyl-d14	89		84		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443491
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-01
Client ID: SBD09_65-67
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 08/01/24 09:15
Date Received: 08/01/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.7		%	0.100	NA	1	-	08/02/24 11:29	121,2540G	ROI

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443491
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-02
Client ID: SBD09_75-77
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/01/24 09:20
Date Received: 08/01/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.9		%	0.100	NA	1	-	08/02/24 11:29	121,2540G	ROI

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2443491
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443491-03
Client ID: SBD09_86-88
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/01/24 09:40
Date Received: 08/01/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	08/02/24 11:29	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2443491

Report Date: 08/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1954604-1 QC Sample: L2443364-01 Client ID: DUP Sample						
Solids, Total	81.7	82.1	%	0		20

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2443491
Report Date: 08/08/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443491-01A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2443491-01B	Vial water preserved	A	NA		3.8	Y	Absent	02-AUG-24 09:41	NYTCL-8260HLW(14)
L2443491-01C	Vial water preserved	A	NA		3.8	Y	Absent	02-AUG-24 09:41	NYTCL-8260HLW(14)
L2443491-01D	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2443491-01E	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14)
L2443491-02A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2443491-02B	Vial water preserved	A	NA		3.8	Y	Absent	02-AUG-24 09:41	NYTCL-8260HLW(14)
L2443491-02C	Vial water preserved	A	NA		3.8	Y	Absent	02-AUG-24 09:41	NYTCL-8260HLW(14)
L2443491-02D	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2443491-02E	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14)
L2443491-03A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2443491-03B	Vial water preserved	A	NA		3.8	Y	Absent	02-AUG-24 09:41	NYTCL-8260HLW(14)
L2443491-03C	Vial water preserved	A	NA		3.8	Y	Absent	02-AUG-24 09:41	NYTCL-8260HLW(14)
L2443491-03D	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2443491-03E	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443491
Project Number:	170562203	**Report Date:**	08/08/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443491
Project Number:	170562203	**Report Date:**	08/08/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443491
Project Number:	170562203	**Report Date:**	08/08/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2443491
Project Number:	170562203	**Report Date:**	08/08/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/2/24

ALPHA Job #: L2443491

Project Information
Project Name: 145-165 Wolcott Street
Project Location: Brooklyn, NY
Project # 170562203
(Use Project name as Project #) ☐
Project Manager: Nicholas Palumbo
ALPHAQuote #:

Client Information
Client: Langan Engineering
Address: 360 W 31st St, FL 7
New York, NY 10001
Phone: 212-479-5400
Fax: —
Email: npalumbo@langan.com

Turn-Around Time
Standard ☒
Rush (only if pre approved) ☐
Due Date:
# of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please CC datamanagement@langan.com & Lgrose@langan.com

Please specify Metals or TAL.

ANALYSIS: Part 375 TCL VOCs + SVOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 TCL	VOCs + SVOCs							Sample Specific Comments	Total Bottles
43491-01	SBD09_65-67	8/1/24	9:15	S	LC/CM	X	X								
-02	SBD09_75-77	↓	9:20	↓	↓	X	X								
-03	SBD09_86-88	↓	9:40	↓	↓	X	X								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
L Grose/Langan	8/1/24 16:30	[illegible]	8/1/24 16:30
[illegible]	8/1/24 19:45	Anthony Green	AUG 01 2024 [illegible]
Anthony Green		[illegible]	8/2/24 0100
[illegible]	8/2/24 0315	[illegible]	8/2/24 0315

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2445835
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Nicholas Palumbo
Phone:	(212) 479-5435
Project Name:	145-165 WOLCOTT STREET
Project Number:	170562203
Report Date:	08/20/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2445835-01	MW-01D_081324	WATER	BROOKLYN, NY	08/13/24 11:50	08/13/24
L2445835-02	MW-02D_081324	WATER	BROOKLYN, NY	08/13/24 14:30	08/13/24
L2445835-03	MW-03S_081324	WATER	BROOKLYN, NY	08/13/24 14:10	08/13/24
L2445835-04	TB01_081324		BROOKLYN, NY	08/13/24 00:00	08/13/24
L2445835-05	MW-03D_081324	WATER	BROOKLYN, NY	08/13/24 17:00	08/13/24
L2445835-06	DUP01_081324	WATER	BROOKLYN, NY	08/13/24 00:00	08/13/24
L2445835-07	FB01_081324	WATER	BROOKLYN, NY	08/13/24 16:35	08/13/24

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2445835
Project Number:	170562203	**Report Date:**	08/20/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2445835
Project Number:	170562203	**Report Date:**	08/20/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2445835-04: A sample identified as "TB01_081324" was listed on the Chain of Custody, but not received. This was verified by the client.

Semivolatile Organics

The WG1960364-2 LCS recovery, associated with L2445835-02, -03, -05, -06, and -07, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG1960552-2/-3 LCS/LCSD recoveries, associated with L2445835-01, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG1960364-8/-9 MS/MSD recoveries, performed on L2445835-02, are below the acceptance criteria for 4-nitrophenol (0%/0%), 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (0%/0%), and benzoic acid (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Semivolatile Organics by SIM

L2445835-05D and -06D: The sample has elevated detection limits due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/20/24

ORGANICS

VOLATILES

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-01
Client ID: MW-01D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 11:50
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/16/24 13:20
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.3		ug/l	0.50	0.16	1
Toluene	1.2	J	ug/l	2.5	0.70	1
Ethylbenzene	2.6		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-01 Date Collected: 08/13/24 11:50

Client ID: MW-01D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.30	J	ug/l	2.5	0.17	1
p/m-Xylene	0.91	J	ug/l	2.5	0.70	1
o-Xylene	1.2	J	ug/l	2.5	0.70	1
Xylenes, Total	2.1	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	11		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-01 Date Collected: 08/13/24 11:50

Client ID: MW-01D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	109		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-02
Client ID: MW-02D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 14:30
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/16/24 13:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.92	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-02 Date Collected: 08/13/24 14:30

Client ID: MW-02D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.39	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	2.8		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-02 Date Collected: 08/13/24 14:30

Client ID: MW-02D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-03
Client ID: MW-03S_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 14:10
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/16/24 14:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.42	J	ug/l	0.50	0.16	1
Toluene	1.0	J	ug/l	2.5	0.70	1
Ethylbenzene	1.2	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-03 Date Collected: 08/13/24 14:10

Client ID: MW-03S_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	3.5		ug/l	2.5	0.70	1
o-Xylene	13		ug/l	2.5	0.70	1
Xylenes, Total	17		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.5		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	0.80	J	ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.7	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	3.0		ug/l	2.5	0.70	1
Naphthalene	3.8		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-03 Date Collected: 08/13/24 14:10

Client ID: MW-03S_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	2.9		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	3.3		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	8.3		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	1.6	J	ug/l	2.0	0.70	1
p-Ethyltoluene	4.0		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	2.3		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	103		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-05
Client ID: MW-03D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 17:00
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/16/24 14:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	3.8		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.2		ug/l	0.50	0.16	1
Toluene	2.9		ug/l	2.5	0.70	1
Ethylbenzene	3.1		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-05 Date Collected: 08/13/24 17:00

Client ID: MW-03D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.32	J	ug/l	2.5	0.17	1
p/m-Xylene	5.9		ug/l	2.5	0.70	1
o-Xylene	2.7		ug/l	2.5	0.70	1
Xylenes, Total	8.6		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	4.9		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-05 Date Collected: 08/13/24 17:00

Client ID: MW-03D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.7	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	7.0		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	3.8		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	5.8		ug/l	2.0	0.70	1
p-Ethyltoluene	4.2		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.4	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	105		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-06 Date Collected: 08/13/24 00:00
Client ID: DUP01_081324 Date Received: 08/13/24
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/16/24 14:57
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	3.9		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.2		ug/l	0.50	0.16	1
Toluene	3.0		ug/l	2.5	0.70	1
Ethylbenzene	3.2		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-06 Date Collected: 08/13/24 00:00

Client ID: DUP01_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.29	J	ug/l	2.5	0.17	1
p/m-Xylene	6.0		ug/l	2.5	0.70	1
o-Xylene	2.6		ug/l	2.5	0.70	1
Xylenes, Total	8.6		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	0.71	J	ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	4.8		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-06 Date Collected: 08/13/24 00:00

Client ID: DUP01_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.7	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	7.1		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	3.9		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	5.6		ug/l	2.0	0.70	1
p-Ethyltoluene	4.3		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.3	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	104		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-07
Client ID: FB01_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 16:35
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/16/24 15:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-07 Date Collected: 08/13/24 16:35

Client ID: FB01_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-07 Date Collected: 08/13/24 16:35

Client ID: FB01_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/16/24 08:27
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-07 Batch: WG1960272-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/16/24 08:27
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-07 Batch: WG1960272-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/16/24 08:27
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-07 Batch: WG1960272-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG1960272-3 WG1960272-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	98		99		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	96		100		70-130	4		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	91		97		54-136	6		20
1,1,2,2-Tetrachloroethane	89		95		67-130	7		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	**150**	Q	**140**	Q	39-139	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG1960272-3 WG1960272-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	91		93		63-130	2		20
p/m-Xylene	115		115		70-130	0		20
o-Xylene	110		115		70-130	4		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	87		97		64-130	11		20
Acrylonitrile	80		82		70-130	2		20
Styrene	110		115		70-130	4		20
Dichlorodifluoromethane	98		97		36-147	1		20
Acetone	68		73		58-148	7		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	74		82		63-138	10		20
Vinyl acetate	96		100		70-130	4		20
4-Methyl-2-pentanone	76		78		59-130	3		20
2-Hexanone	67		72		57-130	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG1960272-3 WG1960272-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	95		97		70-130	2		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	100		110		70-130	10		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	75		79		41-144	5		20
Hexachlorobutadiene	100		110		63-130	10		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	77		85		70-130	10		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	86		94		70-130	9		20
1,2,4-Trichlorobenzene	93		97		70-130	4		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	80		82		56-162	2		20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2445835

Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG1960272-3 WG1960272-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	96		100		70-130	4		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	78		83		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		96		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	88		92		70-130
Dibromofluoromethane	100		102		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1960272-6 WG1960272-7 QC Sample: L2445835-02 Client ID: MW-02D_081324												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
Chloroform	0.92J	10	13	130		13	130		70-130	0		20
Carbon tetrachloride	ND	10	13	130		14	**140**	Q	63-132	7		20
1,2-Dichloropropane	ND	10	11	110		12	120		70-130	9		20
Dibromochloromethane	ND	10	11	110		11	110		63-130	0		20
1,1,2-Trichloroethane	ND	10	11	110		12	120		70-130	9		20
Tetrachloroethene	ND	10	12	120		13	130		70-130	8		20
Chlorobenzene	ND	10	12	120		12	120		75-130	0		20
Trichlorofluoromethane	ND	10	14	140		14	140		62-150	0		20
1,2-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
1,1,1-Trichloroethane	ND	10	12	120		12	120		67-130	0		20
Bromodichloromethane	ND	10	12	120		11	110		67-130	9		20
trans-1,3-Dichloropropene	ND	10	11	110		11	110		70-130	0		20
cis-1,3-Dichloropropene	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloropropene	ND	10	12	120		13	130		70-130	8		20
Bromoform	ND	10	10	100		11	110		54-136	10		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		11	110		67-130	0		20
Benzene	ND	10	12	120		12	120		70-130	0		20
Toluene	ND	10	12	120		12	120		70-130	0		20
Ethylbenzene	ND	10	12	120		12	120		70-130	0		20
Chloromethane	ND	10	12	120		12	120		64-130	0		20
Bromomethane	ND	10	13	130		14	**140**	Q	39-139	7		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1960272-6 WG1960272-7 QC Sample: L2445835-02 Client ID: MW-02D_081324												
Vinyl chloride	ND	10	13	130		13	130		55-140	0		20
Chloroethane	ND	10	14	**140**	Q	14	**140**	Q	55-138	0		20
1,1-Dichloroethene	ND	10	12	120		12	120		61-145	0		20
trans-1,2-Dichloroethene	ND	10	12	120		12	120		70-130	0		20
Trichloroethene	ND	10	12	120		12	120		70-130	0		20
1,2-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
1,3-Dichlorobenzene	ND	10	11	110		11	110		70-130	0		20
1,4-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
Methyl tert butyl ether	0.39J	10	11	110		11	110		63-130	0		20
p/m-Xylene	ND	20	24	120		25	125		70-130	4		20
o-Xylene	ND	20	24	120		25	125		70-130	4		20
cis-1,2-Dichloroethene	ND	10	12	120		12	120		70-130	0		20
Dibromomethane	ND	10	11	110		12	120		70-130	9		20
1,2,3-Trichloropropane	ND	10	11	110		11	110		64-130	0		20
Acrylonitrile	ND	10	9.6	96		9.6	96		70-130	0		20
Styrene	ND	20	24	120		24	120		70-130	0		20
Dichlorodifluoromethane	ND	10	11	110		11	110		36-147	0		20
Acetone	ND	10	10	100		8.7	87		58-148	14		20
Carbon disulfide	ND	10	11	110		12	120		51-130	9		20
2-Butanone	ND	10	9.5	95		8.7	87		63-138	9		20
Vinyl acetate	ND	10	11	110		11	110		70-130	0		20
4-Methyl-2-pentanone	ND	10	11	110		12	120		59-130	9		20
2-Hexanone	ND	10	11	110		11	110		57-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1960272-6 WG1960272-7 QC Sample: L2445835-02 Client ID: MW-02D_081324												
Bromochloromethane	ND	10	12	120		12	120		70-130	0		20
2,2-Dichloropropane	ND	10	10	100		10	100		63-133	0		20
1,2-Dibromoethane	ND	10	11	110		11	110		70-130	0		20
1,3-Dichloropropane	ND	10	11	110		12	120		70-130	9		20
1,1,1,2-Tetrachloroethane	ND	10	12	120		12	120		64-130	0		20
Bromobenzene	ND	10	11	110		11	110		70-130	0		20
n-Butylbenzene	ND	10	9.8	98		10	100		53-136	2		20
sec-Butylbenzene	ND	10	11	110		11	110		70-130	0		20
tert-Butylbenzene	2.8	10	14	112		14	112		70-130	0		20
o-Chlorotoluene	ND	10	11	110		12	120		70-130	9		20
p-Chlorotoluene	ND	10	11	110		11	110		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	9.5	95		10	100		41-144	5		20
Hexachlorobutadiene	ND	10	9.0	90		9.9	99		63-130	10		20
Isopropylbenzene	ND	10	12	120		12	120		70-130	0		20
p-Isopropyltoluene	ND	10	10	100		11	110		70-130	10		20
Naphthalene	ND	10	11	110		11	110		70-130	0		20
n-Propylbenzene	ND	10	11	110		12	120		69-130	9		20
1,2,3-Trichlorobenzene	ND	10	9.3	93		9.8	98		70-130	5		20
1,2,4-Trichlorobenzene	ND	10	9.4	94		9.8	98		70-130	4		20
1,3,5-Trimethylbenzene	ND	10	11	110		11	110		64-130	0		20
1,2,4-Trimethylbenzene	ND	10	11	110		11	110		70-130	0		20
1,4-Dioxane	ND	500	400	80		460	92		56-162	14		20
p-Diethylbenzene	ND	10	10	100		10	100		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1960272-6 WG1960272-7 QC Sample: L2445835-02 Client ID: MW-02D_081324												
p-Ethyltoluene	ND	10	11	110		12	120		70-130	9		20
1,2,4,5-Tetramethylbenzene	ND	10	9.6	96		9.9	99		70-130	3		20
Ethyl ether	ND	10	12	120		12	120		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	10	9.4	94		10	100		70-130	6		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
4-Bromofluorobenzene	93		91		70-130
Dibromofluoromethane	104		108		70-130
Toluene-d8	100		100		70-130

SEMIVOLATILES

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-01
Client ID: MW-01D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 11:50
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/19/24 15:49
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 13:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-01 Date Collected: 08/13/24 11:50

Client ID: MW-01D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.6	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	81		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-01
Client ID: MW-01D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 11:50
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/18/24 16:57
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 13:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.22		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	8.2		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	0.23		ug/l	0.10	0.02	1
Anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.18		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	1.1		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-01 Date Collected: 08/13/24 11:50

Client ID: MW-01D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	85		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-02
Client ID: MW-02D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 14:30
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/17/24 16:39
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-02 Date Collected: 08/13/24 14:30

Client ID: MW-02D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.0	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	16		10-120
4-Terphenyl-d14	79		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-02
Client ID: MW-02D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 14:30
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/17/24 23:15
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.36		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.04	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-02 Date Collected: 08/13/24 14:30

Client ID: MW-02D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	16		10-120
4-Terphenyl-d14	81		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-03
Client ID: MW-03S_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 14:10
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/17/24 17:02
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-03 Date Collected: 08/13/24 14:10

Client ID: MW-03S_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	7.0		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.4	J	ug/l	5.0	0.35	1
2-Methylphenol	2.3	J	ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	3.2	J	ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	0.74	J	ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	30		10-120
4-Terphenyl-d14	96		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-03
Client ID: MW-03S_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 14:10
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/18/24 00:03
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.8		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.40		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	2.1		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.55		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.41		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.28		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Chrysene	0.78		ug/l	0.10	0.03	1
Acenaphthylene	0.28		ug/l	0.10	0.02	1
Anthracene	1.0		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.29		ug/l	0.10	0.02	1
Fluorene	1.7		ug/l	0.10	0.03	1
Phenanthrene	1.5		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.15		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.12		ug/l	0.10	0.02	1
Pyrene	1.1		ug/l	0.10	0.04	1
2-Methylnaphthalene	2.4		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-03 Date Collected: 08/13/24 14:10

Client ID: MW-03S_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	82		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-05
Client ID: MW-03D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 17:00
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/17/24 17:25
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	1.9	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-05 Date Collected: 08/13/24 17:00

Client ID: MW-03D_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	4.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	86		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-05 D
Client ID: MW-03D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 17:00
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/20/24 10:10
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.82		ug/l	0.50	0.12	5
2-Chloronaphthalene	ND		ug/l	1.0	0.11	5
Fluoranthene	3.8		ug/l	0.50	0.14	5
Hexachlorobutadiene	ND		ug/l	2.5	0.10	5
Naphthalene	4.0		ug/l	0.50	0.12	5
Benzo(a)anthracene	26		ug/l	0.50	0.15	5
Benzo(a)pyrene	23		ug/l	0.50	0.12	5
Benzo(b)fluoranthene	ND		ug/l	0.50	0.14	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.17	5
Chrysene	78		ug/l	0.50	0.16	5
Acenaphthylene	0.18	J	ug/l	0.50	0.10	5
Anthracene	1.4		ug/l	0.50	0.12	5
Benzo(ghi)perylene	32		ug/l	0.50	0.12	5
Fluorene	0.80		ug/l	0.50	0.13	5
Phenanthrene	15		ug/l	0.50	0.20	5
Dibenzo(a,h)anthracene	16		ug/l	0.50	0.12	5
Indeno(1,2,3-cd)pyrene	2.9		ug/l	0.50	0.11	5
Pyrene	18		ug/l	0.50	0.21	5
2-Methylnaphthalene	5.4		ug/l	0.50	0.14	5
Pentachlorophenol	0.38	J	ug/l	4.0	0.28	5
Hexachlorobenzene	ND		ug/l	4.0	0.07	5
Hexachloroethane	ND		ug/l	4.0	0.11	5

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-05 D
Client ID: MW-03D_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 17:00
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	65		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-06
Client ID: DUP01_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 00:00
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/17/24 17:47
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	1.7	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-06 Date Collected: 08/13/24 00:00

Client ID: DUP01_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	4.3	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	35		10-120
4-Terphenyl-d14	76		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-06 D
Client ID: DUP01_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 00:00
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/20/24 09:54
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.71		ug/l	0.50	0.12	5
2-Chloronaphthalene	ND		ug/l	1.0	0.11	5
Fluoranthene	3.6		ug/l	0.50	0.14	5
Hexachlorobutadiene	ND		ug/l	2.5	0.10	5
Naphthalene	3.4		ug/l	0.50	0.12	5
Benzo(a)anthracene	23		ug/l	0.50	0.15	5
Benzo(a)pyrene	21		ug/l	0.50	0.12	5
Benzo(b)fluoranthene	ND		ug/l	0.50	0.14	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.17	5
Chrysene	70		ug/l	0.50	0.16	5
Acenaphthylene	0.16	J	ug/l	0.50	0.10	5
Anthracene	1.4		ug/l	0.50	0.12	5
Benzo(ghi)perylene	29		ug/l	0.50	0.12	5
Fluorene	0.71		ug/l	0.50	0.13	5
Phenanthrene	13		ug/l	0.50	0.20	5
Dibenzo(a,h)anthracene	15		ug/l	0.50	0.12	5
Indeno(1,2,3-cd)pyrene	2.7		ug/l	0.50	0.11	5
Pyrene	16		ug/l	0.50	0.21	5
2-Methylnaphthalene	4.6		ug/l	0.50	0.14	5
Pentachlorophenol	0.41	J	ug/l	4.0	0.28	5
Hexachlorobenzene	ND		ug/l	4.0	0.07	5
Hexachloroethane	ND		ug/l	4.0	0.11	5

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-06 D
Client ID: DUP01_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 00:00
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	36		10-120
4-Terphenyl-d14	60		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-07
Client ID: FB01_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 16:35
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/17/24 18:10
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-07 Date Collected: 08/13/24 16:35

Client ID: FB01_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.3	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	107		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-07
Client ID: FB01_081324
Sample Location: BROOKLYN, NY

Date Collected: 08/13/24 16:35
Date Received: 08/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/18/24 00:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 145-165 WOLCOTT STREET **Lab Number:** L2445835

Project Number: 170562203 **Report Date:** 08/20/24

SAMPLE RESULTS

Lab ID: L2445835-07 Date Collected: 08/13/24 16:35

Client ID: FB01_081324 Date Received: 08/13/24

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	85		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/17/24 08:22
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 08/16/24 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05-07 Batch: WG1960364-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/17/24 08:22
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 08/16/24 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05-07 Batch: WG1960364-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/17/24 08:22
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 08/16/24 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05-07 Batch: WG1960364-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	33		10-120
4-Terphenyl-d14	69		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/17/24 20:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/16/24 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-03,05-07 Batch: WG1960366-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/17/24 20:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/16/24 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-03,05-07 Batch: WG1960366-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	82		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/18/24 15:27
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1960552-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/18/24 15:27
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1960552-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/18/24 15:27
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1960552-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	63		41-149

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/18/24 13:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1960553-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/18/24 13:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/17/24 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1960553-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	76		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2445835

Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-07 Batch: WG1960364-2 WG1960364-3								
Acenaphthene	65		65		37-111	0		30
1,2,4-Trichlorobenzene	58		56		39-98	4		30
Hexachlorobenzene	63		68		40-140	8		30
Bis(2-chloroethyl)ether	69		71		40-140	3		30
2-Chloronaphthalene	62		63		40-140	2		30
1,2-Dichlorobenzene	59		58		40-140	2		30
1,3-Dichlorobenzene	58		57		40-140	2		30
1,4-Dichlorobenzene	58		55		36-97	5		30
3,3'-Dichlorobenzidine	62		67		40-140	8		30
2,4-Dinitrotoluene	68		77		48-143	12		30
2,6-Dinitrotoluene	72		79		40-140	9		30
Fluoranthene	73		78		40-140	7		30
4-Chlorophenyl phenyl ether	63		65		40-140	3		30
4-Bromophenyl phenyl ether	63		68		40-140	8		30
Bis(2-chloroisopropyl)ether	74		74		40-140	0		30
Bis(2-chloroethoxy)methane	69		70		40-140	1		30
Hexachlorobutadiene	54		53		40-140	2		30
Hexachlorocyclopentadiene	51		50		40-140	2		30
Hexachloroethane	60		55		40-140	9		30
Isophorone	67		68		40-140	1		30
Naphthalene	61		60		40-140	2		30
Nitrobenzene	70		68		40-140	3		30
NDPA/DPA	66		72		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-07 Batch: WG1960364-2 WG1960364-3								
n-Nitrosodi-n-propylamine	70		71		29-132	1		30
Bis(2-ethylhexyl)phthalate	76		78		40-140	3		30
Butyl benzyl phthalate	81		89		40-140	9		30
Di-n-butylphthalate	76		82		40-140	8		30
Di-n-octylphthalate	76		84		40-140	10		30
Diethyl phthalate	69		75		40-140	8		30
Dimethyl phthalate	71		75		40-140	5		30
Benzo(a)anthracene	63		69		40-140	9		30
Benzo(a)pyrene	69		76		40-140	10		30
Benzo(b)fluoranthene	61		68		40-140	11		30
Benzo(k)fluoranthene	72		75		40-140	4		30
Chrysene	66		68		40-140	3		30
Acenaphthylene	67		70		45-123	4		30
Anthracene	68		74		40-140	8		30
Benzo(ghi)perylene	62		69		40-140	11		30
Fluorene	65		69		40-140	6		30
Phenanthrene	68		72		40-140	6		30
Dibenzo(a,h)anthracene	66		74		40-140	11		30
Indeno(1,2,3-cd)pyrene	62		69		40-140	11		30
Pyrene	74		79		26-127	7		30
Biphenyl	58		59		40-140	2		30
4-Chloroaniline	56		57		40-140	2		30
2-Nitroaniline	76		79		52-143	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2445835

Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-07 Batch: WG1960364-2 WG1960364-3								
3-Nitroaniline	70		74		25-145	6		30
4-Nitroaniline	67		77		51-143	14		30
Dibenzofuran	64		67		40-140	5		30
2-Methylnaphthalene	61		61		40-140	0		30
1,2,4,5-Tetrachlorobenzene	56		54		2-134	4		30
Acetophenone	65		64		39-129	2		30
2,4,6-Trichlorophenol	43		42		30-130	2		30
p-Chloro-m-cresol	73		77		23-97	5		30
2-Chlorophenol	54		49		27-123	10		30
2,4-Dichlorophenol	57		56		30-130	2		30
2,4-Dimethylphenol	70		69		30-130	1		30
2-Nitrophenol	55		56		30-130	2		30
4-Nitrophenol	24		26		10-80	8		30
2,4-Dinitrophenol	42		46		20-130	9		30
4,6-Dinitro-o-cresol	49		52		20-164	6		30
Pentachlorophenol	36		39		9-103	8		30
Phenol	33		32		12-110	3		30
2-Methylphenol	66		66		30-130	0		30
3-Methylphenol/4-Methylphenol	65		63		30-130	3		30
2,4,5-Trichlorophenol	55		55		30-130	0		30
Benzoic Acid	**0**	Q	75		10-164	NC		30
Benzyl Alcohol	70		70		26-116	0		30
Carbazole	72		76		55-144	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-07 Batch: WG1960364-2 WG1960364-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	35		32		21-120
Phenol-d6	32		31		10-120
Nitrobenzene-d5	64		64		23-120
2-Fluorobiphenyl	61		62		15-120
2,4,6-Tribromophenol	44		48		10-120
4-Terphenyl-d14	66		71		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2445835

Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-03,05-07 Batch: WG1960366-2 WG1960366-3								
Acenaphthene	71		74		40-140	4		40
2-Chloronaphthalene	63		64		40-140	2		40
Fluoranthene	74		80		40-140	8		40
Hexachlorobutadiene	53		52		40-140	2		40
Naphthalene	64		63		40-140	2		40
Benzo(a)anthracene	66		73		40-140	10		40
Benzo(a)pyrene	79		87		40-140	10		40
Benzo(b)fluoranthene	74		81		40-140	9		40
Benzo(k)fluoranthene	73		79		40-140	8		40
Chrysene	70		78		40-140	11		40
Acenaphthylene	71		73		40-140	3		40
Anthracene	77		83		40-140	8		40
Benzo(ghi)perylene	75		82		40-140	9		40
Fluorene	71		75		40-140	5		40
Phenanthrene	72		77		40-140	7		40
Dibenzo(a,h)anthracene	81		89		40-140	9		40
Indeno(1,2,3-cd)pyrene	84		92		40-140	9		40
Pyrene	74		80		40-140	8		40
2-Methylnaphthalene	70		70		40-140	0		40
Pentachlorophenol	**39**	Q	45		40-140	14		40
Hexachlorobenzene	62		66		40-140	6		40
Hexachloroethane	62		60		40-140	3		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-03,05-07 Batch: WG1960366-2 WG1960366-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	38		35		21-120
Phenol-d6	37		36		10-120
Nitrobenzene-d5	81		81		23-120
2-Fluorobiphenyl	62		65		15-120
2,4,6-Tribromophenol	50		51		10-120
4-Terphenyl-d14	73		78		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2445835

Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1960552-2 WG1960552-3								
Acenaphthene	57		57		37-111	0		30
1,2,4-Trichlorobenzene	43		**37**	Q	39-98	15		30
Hexachlorobenzene	57		62		40-140	8		30
Bis(2-chloroethyl)ether	59		70		40-140	17		30
2-Chloronaphthalene	52		50		40-140	4		30
1,2-Dichlorobenzene	45		42		40-140	7		30
1,3-Dichlorobenzene	42		**37**	Q	40-140	13		30
1,4-Dichlorobenzene	45		39		36-97	14		30
3,3'-Dichlorobenzidine	56		65		40-140	15		30
2,4-Dinitrotoluene	60		70		48-143	15		30
2,6-Dinitrotoluene	60		71		40-140	17		30
Fluoranthene	65		77		40-140	17		30
4-Chlorophenyl phenyl ether	54		53		40-140	2		30
4-Bromophenyl phenyl ether	59		58		40-140	2		30
Bis(2-chloroisopropyl)ether	60		70		40-140	15		30
Bis(2-chloroethoxy)methane	63		71		40-140	12		30
Hexachlorobutadiene	**38**	Q	**22**	Q	40-140	**53**	Q	30
Hexachlorocyclopentadiene	**31**	Q	**22**	Q	40-140	**34**	Q	30
Hexachloroethane	43		**29**	Q	40-140	**39**	Q	30
Isophorone	61		71		40-140	15		30
Naphthalene	52		52		40-140	0		30
Nitrobenzene	60		71		40-140	17		30
NDPA/DPA	65		74		40-140	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2445835

Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1960552-2 WG1960552-3								
n-Nitrosodi-n-propylamine	61		74		29-132	19		30
Bis(2-ethylhexyl)phthalate	65		72		40-140	10		30
Butyl benzyl phthalate	72		82		40-140	13		30
Di-n-butylphthalate	64		75		40-140	16		30
Di-n-octylphthalate	68		84		40-140	21		30
Diethyl phthalate	68		79		40-140	15		30
Dimethyl phthalate	64		74		40-140	14		30
Benzo(a)anthracene	62		71		40-140	14		30
Benzo(a)pyrene	66		77		40-140	15		30
Benzo(b)fluoranthene	66		70		40-140	6		30
Benzo(k)fluoranthene	64		74		40-140	14		30
Chrysene	63		72		40-140	13		30
Acenaphthylene	57		61		45-123	7		30
Anthracene	64		74		40-140	14		30
Benzo(ghi)perylene	67		76		40-140	13		30
Fluorene	58		63		40-140	8		30
Phenanthrene	62		71		40-140	14		30
Dibenzo(a,h)anthracene	66		77		40-140	15		30
Indeno(1,2,3-cd)pyrene	64		73		40-140	13		30
Pyrene	66		77		26-127	15		30
Biphenyl	49		48		40-140	2		30
4-Chloroaniline	56		68		40-140	19		30
2-Nitroaniline	61		72		52-143	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1960552-2 WG1960552-3								
3-Nitroaniline	63		74		25-145	16		30
4-Nitroaniline	63		73		51-143	15		30
Dibenzofuran	56		59		40-140	5		30
2-Methylnaphthalene	52		50		40-140	4		30
1,2,4,5-Tetrachlorobenzene	42		34		2-134	21		30
Acetophenone	55		65		39-129	17		30
2,4,6-Trichlorophenol	64		71		30-130	10		30
p-Chloro-m-cresol	64		76		23-97	17		30
2-Chlorophenol	57		68		27-123	18		30
2,4-Dichlorophenol	59		71		30-130	18		30
2,4-Dimethylphenol	57		74		30-130	26		30
2-Nitrophenol	56		68		30-130	19		30
4-Nitrophenol	40		48		10-80	18		30
2,4-Dinitrophenol	81		81		20-130	0		30
4,6-Dinitro-o-cresol	68		80		20-164	16		30
Pentachlorophenol	77		84		9-103	9		30
Phenol	32		40		12-110	22		30
2-Methylphenol	52		67		30-130	25		30
3-Methylphenol/4-Methylphenol	52		65		30-130	22		30
2,4,5-Trichlorophenol	66		76		30-130	14		30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	57		68		26-116	18		30
Carbazole	67		79		55-144	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2445835

Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1960552-2 WG1960552-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		57		21-120
Phenol-d6	31		39		10-120
Nitrobenzene-d5	58		73		23-120
2-Fluorobiphenyl	53		62		15-120
2,4,6-Tribromophenol	55		64		10-120
4-Terphenyl-d14	59		70		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET

Project Number: 170562203

Lab Number: L2445835

Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1960553-2 WG1960553-3								
Acenaphthene	60		60		40-140	0		40
2-Chloronaphthalene	53		53		40-140	0		40
Fluoranthene	72		79		40-140	9		40
Hexachlorobutadiene	41		**23**	Q	40-140	**56**	Q	40
Naphthalene	50		51		40-140	2		40
Benzo(a)anthracene	69		79		40-140	14		40
Benzo(a)pyrene	82		96		40-140	16		40
Benzo(b)fluoranthene	75		93		40-140	21		40
Benzo(k)fluoranthene	80		86		40-140	7		40
Chrysene	66		76		40-140	14		40
Acenaphthylene	64		70		40-140	9		40
Anthracene	71		80		40-140	12		40
Benzo(ghi)perylene	77		87		40-140	12		40
Fluorene	62		63		40-140	2		40
Phenanthrene	67		74		40-140	10		40
Dibenzo(a,h)anthracene	86		97		40-140	12		40
Indeno(1,2,3-cd)pyrene	86		98		40-140	13		40
Pyrene	71		78		40-140	9		40
2-Methylnaphthalene	52		51		40-140	2		40
Pentachlorophenol	85		95		40-140	11		40
Hexachlorobenzene	68		76		40-140	11		40
Hexachloroethane	42		**29**	Q	40-140	37		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1960553-2 WG1960553-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		56		21-120
Phenol-d6	34		44		10-120
Nitrobenzene-d5	68		84		23-120
2-Fluorobiphenyl	55		66		15-120
2,4,6-Tribromophenol	86		99		10-120
4-Terphenyl-d14	67		75		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-07 QC Batch ID: WG1960364-8 WG1960364-9 QC Sample: L2445835-02 Client ID: MW-02D_081324												
1,2,4-Trichlorobenzene	ND	20	12	60		14	70		39-98	15		30
Bis(2-chloroethyl)ether	ND	20	14	70		16	80		40-140	13		30
1,2-Dichlorobenzene	ND	20	12	60		14	70		40-140	15		30
1,3-Dichlorobenzene	ND	20	12	60		14	70		40-140	15		30
1,4-Dichlorobenzene	ND	20	12	60		14	70		36-97	15		30
3,3'-Dichlorobenzidine	ND	20	13	65		16	80		40-140	21		30
2,4-Dinitrotoluene	ND	20	15	75		17	85		48-143	13		30
2,6-Dinitrotoluene	ND	20	15	75		18	90		40-140	18		30
4-Chlorophenyl phenyl ether	ND	20	14	70		15	75		40-140	7		30
4-Bromophenyl phenyl ether	ND	20	14	70		16	80		40-140	13		30
Bis(2-chloroisopropyl)ether	ND	20	16	80		19	95		40-140	17		30
Bis(2-chloroethoxy)methane	ND	20	15	75		17	85		40-140	13		30
Hexachlorocyclopentadiene	ND	20	9.1J	46		9.8J	49		40-140	7		30
Isophorone	ND	20	15	75		16	80		40-140	6		30
Nitrobenzene	ND	20	14	70		17	85		40-140	19		30
NDPA/DPA	ND	20	15	75		17	85		40-140	13		30
n-Nitrosodi-n-propylamine	ND	20	15	75		17	85		29-132	13		30
Bis(2-ethylhexyl)phthalate	ND	20	18	90		21	110		40-140	15		30
Butyl benzyl phthalate	ND	20	20	100		23	120		40-140	14		30
Di-n-butylphthalate	ND	20	19	95		22	110		40-140	15		30
Di-n-octylphthalate	ND	20	20	100		23	120		40-140	14		30
Diethyl phthalate	ND	20	16	80		18	90		40-140	12		30
Dimethyl phthalate	ND	20	15	75		18	90		40-140	18		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-07 QC Batch ID: WG1960364-8 WG1960364-9 QC Sample: L2445835-02 Client ID: MW-02D_081324												
Biphenyl	ND	20	12	60		14	70		40-140	15		30
4-Chloroaniline	ND	20	11	55		13	65		40-140	17		30
2-Nitroaniline	ND	20	15	75		18	90		52-143	18		30
3-Nitroaniline	ND	20	15	75		18	90		25-145	18		30
4-Nitroaniline	ND	20	15	75		18	90		51-143	18		30
Dibenzofuran	ND	20	14	70		16	80		40-140	13		30
1,2,4,5-Tetrachlorobenzene	ND	20	12	60		14	70		2-134	15		30
Acetophenone	ND	20	13	65		15	75		39-129	14		30
2,4,6-Trichlorophenol	ND	20	4.0J	**20**	Q	4.2J	**21**	Q	30-130	5		30
p-Chloro-m-cresol	ND	20	14	70		15	75		23-97	7		30
2-Chlorophenol	ND	20	6.6	33		5.7	29		27-123	15		30
2,4-Dichlorophenol	ND	20	6.1	31		5.8	**29**	Q	30-130	5		30
2,4-Dimethylphenol	ND	20	12	60		14	70		30-130	15		30
2-Nitrophenol	ND	20	5.6J	**28**	Q	5.6J	**28**	Q	30-130	0		30
4-Nitrophenol	ND	20	ND	**0**	Q	ND	**0**	Q	10-80	NC		30
2,4-Dinitrophenol	ND	20	ND	**0**	Q	ND	**0**	Q	20-130	NC		30
4,6-Dinitro-o-cresol	ND	20	ND	**0**	Q	ND	**0**	Q	20-164	NC		30
Phenol	2.0J	20	8.5	43		6.6	33		12-110	25		30
2-Methylphenol	ND	20	12	60		13	65		30-130	8		30
3-Methylphenol/4-Methylphenol	ND	20	12	60		13	65		30-130	8		30
2,4,5-Trichlorophenol	ND	20	3.9J	**20**	Q	4.1J	**21**	Q	30-130	5		30
Benzoic Acid	ND	20	ND	**0**	Q	ND	**0**	Q	10-164	NC		30
Benzyl Alcohol	ND	20	15	75		17	85		26-116	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-07 QC Batch ID: WG1960364-8 WG1960364-9 QC Sample: L2445835-02 Client ID: MW-02D_081324												
Carbazole	ND	20	16	80		19	95		55-144	17		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	14		15		10-120
2-Fluorobiphenyl	67		78		15-120
2-Fluorophenol	**17**	Q	**16**	Q	21-120
4-Terphenyl-d14	81		92		41-149
Nitrobenzene-d5	68		81		23-120
Phenol-d6	25		23		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203
Lab Number: L2445835
Report Date: 08/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-03,05-07 QC Batch ID: WG1960366-8 WG1960366-9 QC Sample: L2445835-02 Client ID: MW-02D_081324												
Acenaphthene	ND	20	14	70		15	75		40-140	7		40
2-Chloronaphthalene	ND	20	12	60		13	65		40-140	8		40
Fluoranthene	ND	20	16	80		16	80		40-140	0		40
Hexachlorobutadiene	ND	20	10	50		11	55		40-140	10		40
Naphthalene	0.36	20	13	63		13	63		40-140	0		40
Benzo(a)anthracene	ND	20	14	70		15	75		40-140	7		40
Benzo(a)pyrene	ND	20	17	85		18	90		40-140	6		40
Benzo(b)fluoranthene	ND	20	16	80		16	80		40-140	0		40
Benzo(k)fluoranthene	ND	20	16	80		17	85		40-140	6		40
Chrysene	ND	20	15	75		16	80		40-140	6		40
Acenaphthylene	ND	20	14	70		14	70		40-140	0		40
Anthracene	ND	20	16	80		17	85		40-140	6		40
Benzo(ghi)perylene	ND	20	16	80		17	85		40-140	6		40
Fluorene	ND	20	14	70		15	75		40-140	7		40
Phenanthrene	0.04J	20	15	75		16	80		40-140	6		40
Dibenzo(a,h)anthracene	ND	20	17	85		18	90		40-140	6		40
Indeno(1,2,3-cd)pyrene	ND	20	18	90		19	95		40-140	5		40
Pyrene	ND	20	16	80		16	80		40-140	0		40
2-Methylnaphthalene	0.06J	20	14	70		14	70		40-140	0		40
Pentachlorophenol	ND	20	0.70J	**4**	Q	0.72J	**4**	Q	40-140	3		40
Hexachlorobenzene	ND	20	12	60		13	65		40-140	8		40
Hexachloroethane	ND	20	12	60		13	65		40-140	8		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-03,05-07 QC Batch ID: WG1960366-8 WG1960366-9 QC Sample: L2445835-02 Client ID: MW-02D_081324												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	15		14		10-120
2-Fluorobiphenyl	64		66		15-120
2-Fluorophenol	**16**	Q	**14**	Q	21-120
4-Terphenyl-d14	80		82		41-149
Nitrobenzene-d5	79		82		23-120
Phenol-d6	27		22		10-120

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2445835-01A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-01B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-01C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-01D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-01E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-02A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-02A1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-02A2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-02B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-02B1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-02B2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-02C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-02C1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-02C2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-02D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-02D1	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-02D2	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-02E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-02E1	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-02E2	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 145-165 WOLCOTT STREET
Project Number: 170562203

Lab Number: L2445835
Report Date: 08/20/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2445835-03A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-03B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-03C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-03D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-03E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-05A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-05B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-05C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-05D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-05E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-06A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-06B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-06C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-06D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-06E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-07A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-07B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-07C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2445835-07D	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2445835-07E	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2445835
Project Number:	170562203	**Report Date:**	08/20/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2445835
Project Number:	170562203	**Report Date:**	08/20/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2445835
Project Number:	170562203	**Report Date:**	08/20/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	145-165 WOLCOTT STREET	**Lab Number:**	L2445835
Project Number:	170562203	**Report Date:**	08/20/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:08202412:36

L2445835 20AUG24
LANGAN – NYC

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 08/14/24

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Project Information
Project Name: 145-165 Wolcott Street
Project Location: Brooklyn, NY
Project # 170562203
(Use Project name as Project #) ☐
Project Manager: Nicholas Palumbo
ALPHAQuote #:

Client Information
Client: Langan Engineering
Address: 360 W 31st St, Fl 7
New York, NY 10001
Phone: 212-479-5400
Fax: —
Email: npalumbo@langan.com

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
please cc datamanagement@langan.com + Lgrose@langan.com
* MS/MSD = MW-02D_081324

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: Part 375/TCL VOCs and SVOCs	Part 375/TCL VOCs						Sample Specific Comments	Total Bottle
45835-01	MW-01D_081324	8/13/24	10:50	GW	LC	X								
-02	MW-02D_081324	↓	14:30	↓	LC	X							*MS/MSD*	
-03	MW-03S_081324	↓	14:10	↓	OD	X								
-04	TB01_081324	↓	—	↓	—		X							
-05	MW-03D_081324	↓	17:00	↓	LC	X								
-06	FD01_081324	↓	—	↓	LC	X								
-07	FB01_081324	↓	16:35	↓	LC	X								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

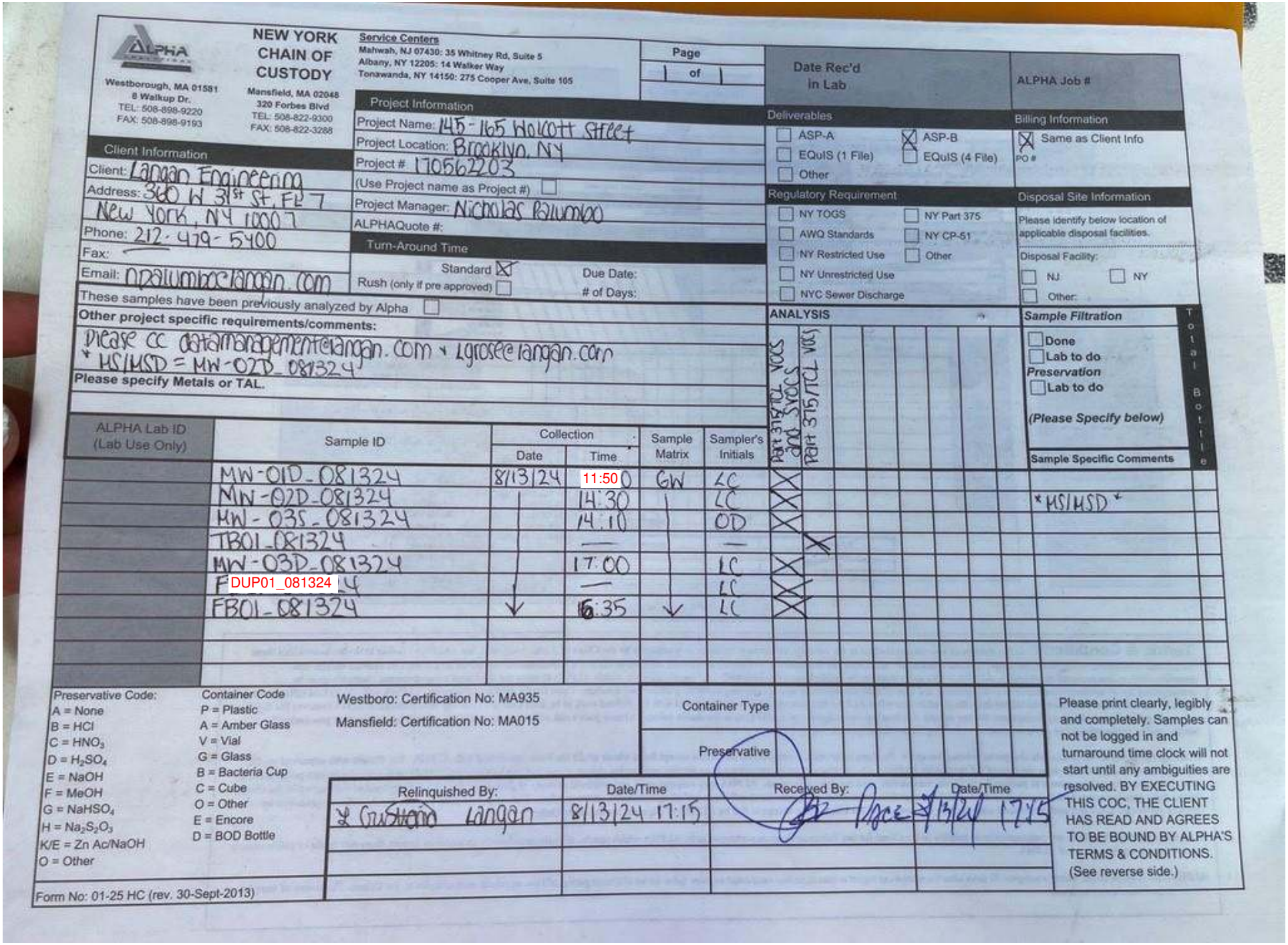
Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
L Custodio Langan	8/13/24 17:15	Alpha Pace	8/13/24 1715
Alpha Pace	8/13/24 19:30	Alpha Pace	8/13 2230
Alpha Pace	8/14/24 0355	[illegible]	8/14/24 [illegible]

08/14/24-0355

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)



ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab

ALPHA Job #

Client Information
Client: Langan Engineering
Address: 360 W 31st St, Fl 7
New York, NY 10001
Phone: 212-479-5400
Fax:
Email: npalumbo@langan.com

Project Information
Project Name: 145-165 Wolcott Street
Project Location: Brooklyn, NY
Project #: 170562203
(Use Project name as Project #)
Project Manager: Nicholas Palumbo
ALPHAQuote #:

Turn-Around Time
Standard: [X]
Rush (only if pre approved): [ ]
Due Date:
# of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[X] Same as Client Info
PO #

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
Please cc datamanagement@langan.com & lgrosse@langan.com
* MS/MSD = MW-02D_081324

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375/TCL VOCs	Part 375/TCL SVOCs	Total Bottle	Sample Specific Comments
	MW-01D_081324	8/13/24	11:50	GW	LC	X	X		
	MW-02D_081324		14:30		LC	X	X		* MS/MSD *
	MW-035_081324		14:10		OD	X	X		
	TB01_081324		—		—	X			
	MW-03D_081324		17:00		LC	X	X		
	DUP01_081324		—		LC	X	X		
	FB01_081324	↓	16:35	↓	LC	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
L Grosse Langan	8/13/24 17:15		8/13/24 17:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

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