

**REMEDIAL INVESTIGATION REPORT
for the Site of the**

**42-24 ORCHARD STREET SITE
43-01 TO 43-43 QUEENS STREET AND 42-22 TO 42-24 ORCHARD STREET
LONG ISLAND CITY, QUEENS, NY 11101
BLOCK 265, LOT 13**

**NYSDEC BROWNFIELD CLEANUP PROGRAM SITE NO. C241256
BROWNFIELD CLEANUP AGREEMENT INDEX NO. C241256-08-21**

TRC PROJECT NO. 460578

AUGUST 2022

Submitted to:

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CERTIFICATIONS

I, Kevin Boger, P.E., certify that I am currently a registered professional engineer licensed by the State of New York and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in accordance with the DER-approved RI Work Plan.

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.



Kevin Boger, P.E.
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August 15, 2022
Date

It is a violation of Article 130 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by the New York State licensed engineer identified above in accordance with Section 7209(2), Article 130, New York State Education Law.

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QUEENS, NEW YORK 11101

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ABBREVIATIONS AND ACRONYMS

µg/m ³	Micrograms per Cubic Meter
µg/L	Micrograms per Liter
AARCO	AARCO Environmental Services, Corp.
AGV	Air Guideline Value
Alpha	Alpha Analytical, Inc.
ASTM	ASTM International
BBOS	Below Bottom of Slab
BCP	Brownfield Cleanup Program
BGS	Below Ground Surface
BLDG	BLDG Orchard, LLC
BTEX	Benzene, toluene, ethylbenzene, and xylene
CAMP	Community Air Monitoring Plan
Class GA Values	New York State Class GA groundwater standards and guidance values
CP-51	Commissioner Policy-51
DER	Department of Environmental Remediation
DER-10	Department of Environmental Remediation Technical Guidance for Site Investigation and Remediation
DQO	Data Quality Objectives
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Approval Program
ESA	Environmental Site Assessment
ESI	Environmental Site Investigation
FT	Feet
HASP	Health and Safety Plan
IDW	Investigation Derived Waste
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
ng/L	Nanograms per Liter
NTU	Nephelometric Turbidity Unit
NYCDCP	New York City Department of City Planning
NYC MTA	New York City Metropolitan Transportation Authority
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethene

ABBREVIATIONS AND ACRONYMS (CONTINUED)

PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctanesulfonic acid
PFAS	Per- and Polyfluoroalkyl Substances
PID	Photoionization Detector
PGSCO	Protection of Groundwater Soil Cleanup Objective
PVC	Polyvinyl Chloride
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RI	Remedial Investigation
RRSCO	Restricted Residential Use Soil Cleanup Objective
SCG	Standards, Criteria, and Guidance
SCO	Soil Cleanup Objective
SF	Square Feet
SMP	Site Management Plan
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TestAmerica	TestAmerica Laboratories, Inc. Laboratories, Inc.
TOGS	Technical and Operational Guidance Series
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objective
VOC	Volatile Organic Compound

1.0 INTRODUCTION

This report presents the results of the Remedial Investigation (RI) completed at 42-24 to 42-24 Orchard Street and 43-01 to 43-43 Queens Street, Long Island City, Queens, New York 11101 (referred to as the “Site”). RI field activities were completed by TRC Engineers, Inc. (TRC) on behalf of BLDG Orchard, LLC (BLDG). BLDG, the current property owner, plans to demolish the existing buildings and construct a high-rise residential tower with accessory two-story parking garage and ground floor retail. The Site was accepted into the Brownfield Cleanup Program (BCP) and BLDG was designated a Participant in August 2021. The BCP Site name is “42-24 Orchard Street” and the BCP Site number is C241256.

The overall objectives of the project are to prepare the Site for construction of a high-rise residential tower with accessory two-story parking garage and ground floor retail, and to remediate the environmental conditions at the Site to the satisfaction of New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) for the intended purpose. The objective of this Remedial Investigation Report (RI Report) is to present to the NYSDEC, for review and approval, the findings and conclusions of the RI.

The RI was completed in accordance with NYSDEC Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10) and the NYSDEC-approved RI Work Plan dated November 8, 2021.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Location and Surrounding Land Use

The property is located at 42-24 to 42-24 Orchard Street and 43-01 to 43-43 Queens Street, Long Island City, Queens, New York 11101 (referred to as the “Site”). The legal description of the Site is Block 265, Lot 13. The Site formerly consisted of four lots (Lots 1, 6, 13, and 23) and were recently merged into one lot. The Site location is shown on *Figure 1*. The Site encompasses approximately 82,400 square feet (sf) (+/- 1.89 acres) and is improved with a total of five buildings, as follows:

- 42-24 Orchard Street is a five (5) story structure formerly used for manufacturing (textiles, clothing, and handbags), woodworking, and commercial purposes. Note that there are four sumps and four slab openings in the basement of the building;
- 43-27 to 43-43 Queens Street is a one story structure formerly used for contractor storage;
- 43-15 to 43-25 Queens Street is a three story structure formerly occupied by a food cart/truck storage facility, woodworking company, a textile/clothing manufacturer, and a party supplier;
- 43-01 Queens Street is a two-story building with a basement formerly occupied by a scrap metal recycling company; and,
- 42-22 Orchard Street is a two-story slab on grade building formerly occupied by a woodworking company.

The remaining areas of the Site are occupied by an asphalt-paved parking lot (partially underlain by a New York City Metropolitan Transportation Authority (MTA) subway tunnel). At the time of the Remedial Investigation (RI) field activities, the Site buildings were substantially vacant.

The Site is bordered to the north by Jackson Avenue (underlain by multiple MTA subway tunnels), followed by a hotel, a three-story vacant building, 42nd Road, and a commercial/office high-rise; to the east by Orchard Street, followed by a commercial/residential high-rise and a parking garage; to the south by Sunnyside Yard (a large passenger rail yard); and to the west by Queens Street, followed by a taxi stand/repair facility, automobile garages, and a commercial/residential high-rise. Beyond the properties immediately adjacent to the Site, property uses are commercial, residential, and manufacturing. A Site Plan showing the surrounding properties is presented as *Figure 2*.

According to the New York City Department of City Planning (NYCDCP) Zoning Map 9b, the Site is zoned M1-5/R9 for mixed-use (residential, light manufacturing, and commercial). No zoning changes are required for development of the Site. *Figure 3* presents the surrounding land use and potential sensitive environmental receptors.

2.2 Current Site Use

The Site consists of five buildings [one (1) one-story building used, two (2) two-story buildings, one (1) three-story building, and one (1) five-story building] and an asphalt parking lot (partially underlain by a MTA subway tunnel). At the time of the Remedial Investigation (RI) field activities, the Site buildings were substantially vacant. The current owner of the Site is BLDG Orchard, LLC.

2.3 Future Use of the Site and Site Development Schedule

The proposed future use of the Site is a high-rise residential tower with accessory two-story parking garage and ground floor retail. The contemplated project includes demolition of the existing buildings. Remedial actions under this Program are anticipated to begin in 2022. BLDG's objective is to complete the remedy and obtain the Certificate of Completion by 2026.

2.4 Historic Site Use

Historical records indicate that the Site was sparsely developed with stores, residential dwellings, stables, and a laundry facility in 1898. The laundry facility operated until at least 1915. By 1915, the Site was developed with a shoe manufacturer (Rosenwasser Bros) along Orchard Street; the "Long Island Bill Posting Co" along Queens Street; and stores along Jackson Avenue. By 1936, the Site was occupied by "Fada Radio" and "Shelton Co Inc." (a paper box manufacturer) along Orchard Street, "Bristol Co." (a furniture manufacturer) along Jackson Avenue. A loft, wood working facility, and warehouses were present along Queens Street. By 1947, the "Bristol Co." building was identified as a loft, a paper manufacturer is noted on the southwestern portion of the Site along Queens Street, and the buildings on the northern portion of the Site along Jackson Avenue were demolished and replaced with a parking lot. The underground MTA subway tunnel was constructed on the Site circa 1951.

The adjacent property east of the Site across Orchard Street was historically occupied by West Chemical Company between 1907 and 1978. West Chemical Company owned the property and manufactured commercial and disinfectant products such as disinfectants, insecticides, soaps, floor wax, and paper products dispensing machines. Manufacturing operations employed various chemical substances including creosote, coal and acids, cresylic acids, degreasing

solvents, iodine, and assorted oils and pesticides. Metal plating and gasoline filling operations were also conducted at the property. The property was purchased in 1978 by Outlet City, a flea market and various vendor operations. Subsurface investigations in the late 1980s and early 1990s resulted to the property being remediated under various state remedial programs. The primary contaminants in soil and groundwater included benzene, toluene, ethylbenzene, and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), naphthalene, and phenols. Petroleum-related compounds also impacted soil and groundwater as well as chlorinated volatile organic compounds (CVOCs) from historic operations. The property was redeveloped as a mixed-use residential property and the property is managed under a Site Management Plan.

2.5 Site Geology and Hydrogeology

Fill material consisting of brown sand, gravel, silt, and trace building materials (i.e., brick, concrete, aggregate, asphalt, wood, ash) was encountered in soil borings at the Site to maximum depths of approximately 7 feet bgs. The underlying material below the identified fill generally consists of tan to dark brown fine sand with silty clay to the terminal depths of the borings, up to 25 feet bgs. Weathered bedrock and bedrock were encountered at depths ranging from approximately 1.5 feet bgs to 17 feet bgs. Weathered bedrock is made up of metamorphic bedrock that has been softened by natural chemical weathering processes to the consistency of very compact soil, typically containing numerous embedded rock fragments (Mueser Rutledge, 2020). The layer of weathered bedrock consists of compact to very compact, gray and white fine to coarse sand, green gray clayey silt, some to trace silt, and gravel (Mueser Rutledge, 2020). Bedrock at the Site consists of hard to intermediate, unweathered to slightly weathered, gray gneiss with pink pegmatite and gray schistose gneiss zones, moderately jointed to closely jointed, with weathered and some healed joints (Mueser Rutledge, 2020). Depth to weathered bedrock and competent bedrock dips from approximately 0 feet bgs in the central portion of the Site to maximum depths of 50 feet bgs in the northern portion of the Site and 10 feet bgs in the southern portion of the Site. Geologic cross-sections are presented on *Figures 6 and 7*.

The Site is located approximately 0.85 miles southeast of the East River. Regional groundwater is anticipated to flow to the northwest based on topography in the area and the review of the USGS Hydraulic Conditions Map for Long Island, NY, 2013 (USGS *Groundwater Conditions on Long Island, New York in 2013*).

One round of synoptic water level measurements was collected from five (5) surveyed permanent monitoring wells (TRC-MW-23, TRC-MW-25, TRC-MW-28, TRC-MW-29, and RMW-3) as part of the RI. Groundwater surface elevations in the monitoring wells ranged from

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approximately El. 6.40 feet in monitoring well TRC-MW-25, located in the northeastern portion of the Site, to El. 4.76 feet in monitoring well TRC-MW-29, located in the northwestern portion of the Site. Depth to water measurements across the Site ranged from approximately 5.65 feet bgs in TRC-MW-25 to 11.0 feet bgs in TRC-MW-29, consistent with the variation in ground surface elevations between the northern and southern parts of the Site. Based on the one round of groundwater surface elevation measurements, the apparent predominant direction of groundwater flow is towards the northwest. *Figures 8* present the groundwater surface elevation measurements and inferred groundwater surface elevation contours.

3.0 PREVIOUS INVESTIGATIONS

Previous environmental reports associated with the Site include a Phase I Environmental Site Assessment (ESA) Report prepared by TRC in July 2019 and a Phase II Environmental Site Investigation (ESI) Report prepared by TRC in April 2021. Brief summaries of these reports are provided below. Additionally, figures showing the exceedances of applicable criteria in sub-slab vapor, soil, and groundwater are provided as *Figures 9 through 15*.

3.1 Phase I Environmental Site Assessment (ESA), July 2019

A Phase I ESA for the Site was completed by TRC in 2019 on behalf of BLDG. The Phase I ESA Report, dated July 31, 2019, identified on-Site recognized environmental conditions (RECs) associated with the potential presence of historic fill of unknown origin and suspect buried structures; current use of the Site as a manufacturer (including textile/clothing, woodworking, and hand bags); historic uses of the Site for laundry, wood working, and manufacturing (shoes, paper, and furniture); and regulatory database listings for hazardous waste generation and a registered dry cleaner. Off-Site RECs include the current presence of an active taxi stand/repair facility adjacent west of the Site (27-34 Jackson Avenue); the current presence of Sunnyside Yard, a passenger rail yard to the south of the Site; and the historical use of an adjacent facility east of the Site (28-02 to 28-30 Jackson Avenue) as a chemical manufacturer (West Chemical Company) with documented impacts to subsurface soil, groundwater, and soil vapor that was remediated under the BCP under Site Codes C241105, C241151, and C241169.

Based on the results of the Phase I ESA, TRC recommended performing a Phase II ESI. Environmental sampling was subsequently completed by TRC and is described below.

3.2 Phase II Environmental Site Investigation (ESI), April 2021

A Phase II ESI report for the Site was prepared by TRC in April 2021 on behalf of BLDG to assess the RECs identified in the Phase I ESA. Phase II ESI field activities consisted of geophysical surveys; advancement of soil borings; installation of temporary soil vapor probes and temporary groundwater monitoring wells; and the collection and laboratory analysis of sub-slab and soil vapor, soil, and groundwater samples. Soil samples were also collected from test pits advanced by others at the Site.

The results of the geophysical surveys revealed that the sample locations were established in areas that did not conflict with subsurface structures or utilities.

Acetone was detected in one (1) soil sample exceeding the Unrestricted Use SCOs and was attributed to laboratory contamination. Petroleum-related volatile organic compounds (VOCs) including (1,2,4-trimethylbenzene, benzene, ethylbenzene, m/p-xylenes, naphthalene, o-xylene, and total xylenes) were identified in one sample at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives (UUSCOs) and/or Restricted Residential Use SCOs (RRSCOs). Based on the presence of petroleum odors, staining, and elevated photoionization detector (PID) readings up to 339 ppm that were encountered in the soil sample during collection, the petroleum related compounds detected in soil were attributed to an unidentified underground storage tank (UST) or a potential historic release at the time of the issuance of the Phase II ESI report. Based on information provided since the issuance of the Phase II ESI report, as discussed below, the petroleum-related VOCs in soil are likely attributable to an off-Site source (i.e., contamination migrating on-Site from the adjacent BCP Site [West Chemical Company]).

SVOCs and metals were detected in soil at concentrations exceeding the UUSCOs and/or RRSCOs and were attributed to characteristics of fill material at the Site and/or the historic use of the Site as manufacturer (including shoes, furniture, and paper boxes). Mercury was detected in two samples at significantly elevated concentrations including the following: 40.1 milligrams per kilogram (mg/kg) in LOT-01-SB-02 and 14.3 mg/kg in TRC-SB-11. Lead was detected in one sample collected from the southern portion of the Site (TRC-SB-11) above the Toxicity Characteristic Leaching Procedure (TCLP) Regulatory Level. Polychlorinated biphenyls (PCBs) and pesticides were detected in soil samples at concentrations exceeding UUSCOs and/or RRSCOs and were attributed to characteristics of fill material at the Site.

Petroleum-related VOCs (including 1,2,4-trimethylbenzene, 1,2-dichlorobenzene, 1,3,5-trimethylbenzene, 1,4-dichlorobenzene, ethylbenzene, Isopropylbenzene, m-Xylene & p-Xylene, Naphthalene, N-Propylbenzene, o-Xylene, and total xylenes) and SVOCs (including 1,1'-Biphenyl, anthracene, fluoranthene, fluorene, naphthalene, phenanthrene, and phenol) were detected in one (1) groundwater sample at concentrations exceeding the Class GA Value. A sheen and odor were noted during purging and petroleum odors, staining, and elevated PID readings were encountered in the corresponding soil boring (TRC-SB-10). Petroleum related compounds detected in groundwater were potentially attributed to an unidentified UST or a potential historic release at the time of the issuance of the Phase II ESI report. However, based on information provided since the issuance of the Phase II ESI report, as further discussed below, the contaminants in groundwater are likely attributable to an off-Site source (i.e., contamination migrating on-Site from the adjacent BCP Site [West Chemical Company]). Metals (iron,

magnesium, manganese, selenium, and sodium) were detected in filtered groundwater samples and were attributed to the characteristics of Site soil/fill. No PCBs, pesticides, or herbicides were detected in groundwater at concentrations above the Class GA Value.

Several chlorinated and petroleum-related VOCs were detected at elevated concentrations in soil vapor samples. Specifically, total benzene, toluene, ethylbenzene, and xylene (BTEX) compounds were detected at concentrations ranging from 14.4 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in SV-06 to 65,110 $\mu\text{g}/\text{m}^3$ in LOT06-SV-03 (located in the 43-15 – 43-25 Queens Street building). Trichloroethene (TCE) was detected at concentrations ranging between 0.32 $\mu\text{g}/\text{m}^3$ to 32 $\mu\text{g}/\text{m}^3$ and tetrachloroethene (PCE) was detected at concentrations ranging between 9.7 to 240 $\mu\text{g}/\text{m}^3$. Comparison of the sub-slab vapor analytical results to the NYSDOH Vapor Intrusion Guidance Matrices indicates that the recommended action would be monitor or mitigate, depending on the indoor air sampling results.

3.3 Remedial Investigation Work Plan, November 2021

The Work Plan for the RI which is the subject of this Report was prepared by TRC on behalf of BLDG and submitted to NYSDEC with the BCP Application in April 2021. The RI Work Plan was prepared in accordance with the objective of completing the characterization of soil, groundwater, and soil vapor at the Site and confirm groundwater flow direction. The RI Work Plan scope included the advancement of soil borings, installation of monitoring wells, the performance of a survey to determine groundwater surface elevations and flow direction, and the collection and laboratory analysis of soil vapor, sub-slab vapor, indoor air, ambient air, soil, and groundwater samples.

The RI Work Plan was revised based on NYSDEC comments and was re-submitted to NYSDEC in November 2021. The BCP Agreement was executed on August 31, 2021 and the RI Work Plan was approved by the NYSDEC on November 9, 2021. A copy of the NYSDEC approval letter for the RI Work Plan is provided in *Appendix A*.

4.0 REMEDIAL INVESTIGATION OBJECTIVES AND METHODS

The RI field activities described in this section were completed by TRC between late November and December 2021. The RI was completed in accordance with DER-10 and the NYSDEC-approved November 2021 RI Work Plan. The project included adherence to a Health and Safety Plan (HASP) and a Community Air Monitoring Plan (CAMP). Additionally, data quality objectives met the requirements presented in the Quality Assurance Project Plan (QAPP). Photographs of the RI field activities are in *Appendix E*.

4.1 Remedial Investigation Scope of Work

The scope of work for the RI included the following:

- Implementation of a CAMP, which included real-time monitoring for VOCs and particulates at the downwind perimeter of each work area during intrusive work;
- Utility clearance consisting of required New York One Call notifications and the mark outs of locations of underground utility lines in public roads and rights-of-way;
- Advancement of two (2) soil vapor sampling points and collection of soil vapor samples for laboratory analysis;
- Advancement of three (3) sub-slab vapor sampling points and collection of co-located indoor air samples in the Site building located at 43-15 to 43-25 Orchard Street for laboratory analysis;
- Collection of four (4) indoor air samples in the Site building located at 42-24 Orchard Street for laboratory analysis;
- Collection of one (1) ambient air sample outside of the Site building for laboratory analysis;
- Advancement of 24 soil borings with continuous sampling to a maximum depth of 25 feet bgs and laboratory analysis of soil samples;
- Investigation of four (4) sumps and four (4) slab openings in the building at 42-24 Orchard Street and collection of groundwater samples from each of the sumps and slab openings; and
- Installation, development, and survey of four (4) permanent monitoring wells along Queens Street and collection and laboratory analysis of one (1) groundwater sample from each new permanent well and one existing permanent well located along Orchard Street.

Drilling services were performed by AARCO Environmental Services, Corp. (AARCO) of Lindenhurst, New York. Presented below are detailed descriptions of each phase of the RI.

4.2 Implementation of CAMP

TRC implemented a CAMP during ground-intrusive investigation activities. The CAMP was implemented in accordance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, Appendix 1A - Generic Community Air Monitoring Plan. A DustTRAK™ II aerosol monitor and a PID were positioned at the upwind and downwind locations of the work areas. The CAMP was implemented during advancement of exterior soil borings/monitoring well installation and installation of soil vapor implants, but not during interior soil borings/monitoring well installation, indoor air sampling, or monitoring well development or sampling. The purpose of the CAMP was to monitor air downwind of the work area for potential impacts associated with the investigation activities. There were no exceedances of the CAMP action levels related to intrusive work activity during the performance of the RI. The community air monitoring data is presented in *Appendix B*.

4.3 Task 4 – Soil Vapor, Sub-Slab Vapor, Indoor Air, and Ambient Air Sampling

The soil vapor, sub-slab vapor, indoor air, and ambient air sampling program was performed between November 22 and December 1, 2021. Two (2) 2-hour duration soil vapor samples (TRC-SV-09 and TRC-SV-10), three (3) co-located 8-hour duration sub-slab vapor/indoor air samples (TRC-SSV-01/IA-01, TRC-SSV-02/IA-02, and TRC-SSV-03/IA-03), four (4) 8-hour duration indoor air samples (TRC-IA-04, TRC-IA-05, TRC-IA-06, and TRC-IA-07), and one (1) 8-hour duration ambient air sample (TRC-AA) were collected to determine the concentrations of VOCs in soil vapor, sub-slab vapor, indoor air, and ambient air. Due to the presence of groundwater directly beneath the basement slab in the Site building located at 42-24 Orchard Street, co-located sub-slab vapor samples could not be collected with indoor air samples TRC-IA-04 through TRC-IA-07. The samples were collected at the locations shown on *Figure 5*. Note co-located sub-slab vapor/indoor air samples TRC-SSV-01/TRC-IA-01 and TRC-SSV-02/TRC-IA-02 were moved from their proposed locations due to access issues.

Soil vapor, sub-slab vapor, indoor air, and ambient air sampling was conducted in accordance with the NYSDOH “Guidance for Evaluating Soil Vapor Intrusion in the State of New York” and ASTM International (ASTM) Standard E 2600-10.

Soil vapor samples were collected from a depth of 5 feet below ground surface (bgs) using a direct-drive system (i.e., track-mounted Geoprobe rig that utilizes drive rods). At each soil vapor sampling location, dedicated Teflon™ lined tubing with an expendable stainless steel

screen was inserted into the borehole and the remaining annular space was backfilled with clean quartz sand to approximately 1 foot below grade. The remaining portion of the borehole was filled to the ground surface with hydrated bentonite.

Sub-slab vapor samples were collected from a depth of 0 to 2 inches below the bottom of the floor slab using a direct-drive system (i.e., remote rig that utilizes drive rods). At each sub-slab vapor sampling location, dedicated TeflonTM lined tubing with an expendable stainless steel screen was inserted into the borehole and the remaining portion of the borehole was filled to the ground surface with hydrated bentonite.

The adequacy of each soil vapor and sub-slab vapor sampling point was tested prior to sampling in accordance with the NYSDOH-recommended method. At each soil vapor and sub-slab vapor sampling location, a cardboard box was placed over the probe and helium tracer gas was pumped into the box. The above grade end of the tubing, which is the sample collection point, was then attached to a helium gas detector. The adequacy of the seal was verified by direct helium readings of less than 10 percent. Each of the temporary probes was then purged using a PID to evacuate three volumes of vapor. Sampling was initiated by connecting each probe to a laboratory-supplied batch certified-clean Summa canister with a 2-hour controller for soil vapor samples and an 8-hour flow controller for sub-slab vapor samples.

The indoor air and ambient air samples were collected utilizing batch certified-clean laboratory-supplied 6-liter Summa canisters with 8-hour flow controllers. Indoor air samples IA-01 through IA-03 were collected concurrently with the co-located sub-slab vapor samples. The indoor air and ambient air samples were collected at a height of approximately 3 to 5 feet to simulate a typical breathing zone.

Immediately after opening each Summa canister, the initial vacuum (measured in inches of mercury) and time were recorded. After the designated period of time, a final vacuum reading and the time were recorded and the Summa canister was closed. After completion, the sub-slab vapor and soil vapor points were removed, the holes were backfilled to grade with the drill cuttings and/or clean sand and the slab/ground surface was restored (i.e., patched with concrete).

The soil vapor, sub-slab vapor, indoor air, and ambient air samples were properly labeled and transported via courier to Alpha Analytical, Inc. (Alpha) of Mansfield, Massachusetts utilizing standard chain-of-custody procedures. The samples were analyzed by Alpha for VOCs by USEPA Method TO-15. Alpha is a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory.

4.4 Soil Boring and Subsurface Soil Sampling

The subsurface soil sampling program was performed between November 29 and December 3, 2021. Direct push drilling methods, utilizing a track-mounted drill rig or remote drill rig, were used to retrieve soil samples from 28 boring locations. Soil samples were collected and screened for field evidence of contamination continuously from the ground surface to a maximum depth of 25 feet bgs using 4- or 5-foot long, 2-inch diameter macrocore samplers.

Descriptions of the soil encountered were logged by the on-Site environmental scientist/engineer and soil samples were inspected in the field for evidence of contamination (e.g., odors, staining) and screened for the presence of VOCs with a PID. Soil boring logs, including field observations and PID responses for each sample, are provided in *Appendix C*.

During implementation of the RI, 54 grab soil samples were selected for laboratory analysis. Up to three (3) grab soil samples were collected for laboratory analysis from each boring location to provide vertical and horizontal delineation of identified impacts. In addition, 14 QA/QC samples (including three [3] duplicates, three [3] matrix spike/matrix spike duplicates [MS/MSD] samples, three [3] equipment blanks, and five [5] trip blanks) were collected. Generally, samples were collected from the upper two-foot interval, the native soil layer below the fill layer, and the two foot interval directly above groundwater; or if encountered, from the interval exhibiting the greatest degree of contamination (based on the presence of staining, odor, and/or PID readings), and from either the first underlying depth interval without evidence of impacts or the boring termination depth. Second and/or third samples could not be collected from the delineation borings (TRC-SB-02 series, TRC-SB-10 series, and TRC-SB-11 series), where shallow refusal due to bedrock was encountered.

During the RI, indications of contamination (i.e., staining, odor, and elevated PID readings) were identified in soil borings TRC-SB-02-N1, TRC-SB-02-N2, TRC-SB-02-E, TRC-SB-02-S1, TRC-SB-02-S2, and TRC-SB-02-W, which were advanced to delineate impacts previously identified in soil borings TRC-SB-02; and TRC-SB-10-N, TRC-SB-10-E1, TRC-SB-10-E2, TRC-SB-10-S1, TRC-SB-10-S2, TRC-SB-10-S3, and TRC-SB-10-W, which were advanced to delineate impacts previously identified in TRC-SB-10);. No indications of contamination were identified in soil borings TRC-SB-23 through TRC-SB-34, TRC-SB-11-N, TRC-SB-11-E, or TRC-SB-11-S, and TRC-SB-11-W.

The following soil samples collected to delineate the extent of impacts identified in TRC-SB-02:

- o TRC-SB-02-N1: A slight petroleum odor and dark grey staining were encountered in TRC-SB-02-N1. One (1) soil sample was selected for analysis from TRC-SB-02-N1. A second sample could not be collected due to shallow bedrock refusal.
- o TRC-SB-02-N2: To further delineate impacts identified in TRC-SB-02-N1, an additional boring, TRC-SB-02-N2, was advanced approximately 10 feet north of TRC-SB-02-N1. A slight petroleum odor and dark grey staining were encountered in TRC-SB-02-N2. One (1) soil sample was selected for analysis from TRC-SB-02-N2. A second sample could not be collected due to shallow bedrock refusal.
- o TRC-SB-02-E: A slight petroleum odor, dark grey staining, and elevated PID readings up to 2.4 ppm were encountered in TRC-SB-02-E. One (1) soil sample was selected for analysis from TRC-SB-02-E. A second sample could not be collected due to shallow bedrock refusal.
- o TRC-SB-02-S1: A slight petroleum odor, dark grey staining, and elevated PID readings up to 1.3 ppm were encountered in TRC-SB-02-S1. One (1) soil sample was selected for analysis from TRC-SB-02-S1. A second sample could not be collected due to shallow bedrock refusal.
- o TRC-SB-02-S2: To further delineate impacts identified in TRC-SB-02-S1, an additional boring, TRC-SB-02-S2, was advanced approximately 15 feet south of TRC-SB-02-S1. Dark grey staining was encountered in TRC-SB-02-S2. One soil (1) sample was selected for analysis from TRC-SB-02-S2. A second sample could not be collected due to shallow bedrock refusal.
- o TRC-SB-02-W: A slight petroleum odor, dark grey staining, and elevated PID readings up to 4.2 ppm were encountered in TRC-SB-02-W. One (1) soil sample was selected for analysis from TRC-SB-02-W. A second sample could not be collected due to shallow bedrock refusal.
- The following soil samples were collected to delineate the extent of impacts identified in TRC-SB-10:
 - o TRC-SB-10-N: A slight petroleum odor, dark grey staining, and elevated PID readings up to 26.8 ppm were encountered in TRC-SB-10-N. One (1) soil sample was selected for analysis from TRC-SB-10-N. A second sample could not be collected due to shallow bedrock refusal.

- o TRC-SB-10-E1: A slight petroleum odor, dark grey staining, and elevated PID readings up to 61.8 ppm were encountered in TRC-SB-10-E1. One soil sample was selected for analysis from TRC-SB-10-E1. A second sample could not be collected due to shallow bedrock refusal.
- o TRC-SB-10-E2: To further delineate impacts identified in TRC-SB-10-E1, an additional boring, TRC-SB-10-E2, was advanced approximately 17 feet northeast of TRC-SB-10-E1. A petroleum odor, dark grey staining, and elevated PID readings up to 40.5 were encountered in TRC-SB-10-E2. One soil sample was selected for analysis from TRC-SB-10-E2. A second sample could not be collected due to shallow bedrock refusal. An additional boring to delineate the impacts could not be advanced further east due to access.
- o TRC-SB-10-S1: A petroleum odor, dark grey staining, and elevated PID readings up to 51.8 ppm were encountered in TRC-SB-10-S1. One soil sample was selected for analysis from TRC-SB-10-S1. A second sample could not be collected due to shallow bedrock refusal.
- o TRC-SB-10-S2: To further delineate impacts identified in TRC-SB-02-S1, an additional boring, TRC-SB-10-S2, was advanced approximately 18 feet southeast of TRC-SB-10-S1. A petroleum odor, dark grey staining, and elevated PID readings up to 2.6 were encountered in TRC-SB-10-S2. One soil sample from was selected for analysis from TRC-SB-10-S2. A second sample could not be collected due to shallow bedrock refusal.
- o TRC-SB-10-S3: To further delineate impacts identified in TRC-SB-10-S2, an additional boring, TRC-SB-10-S3, was advanced at approximately 50 feet south of TRC-SB-10. A petroleum odor, dark grey staining, and elevated PID readings up to 2.6 were encountered in TRC-SB-10-S3. One soil sample was selected for analysis from TRC-SB-10-S3. A second sample could not be collected due to shallow bedrock refusal. An additional boring to delineate the impacts could not be advanced further south due to access.
- o TRC-SB-10-W: A petroleum odor, dark grey staining, and elevated PID readings up to 24.2 ppm were encountered in TRC-SB-10-W. One soil sample was selected for analysis from TRC-SB-10-W. A second sample could not be collected due to shallow bedrock refusal. An additional boring to delineate the impacts could not be advanced further west due to access.

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- The following soil samples were collected to delineate the extent of impacts identified in TRC-SB-11:
 - Since no apparent impacted soils were identified in soil borings TRC-SB-11-N, TRC-SB-11-E, TRC-SB-11-S, and TRC-SB-11-W, one soil sample from 0 to 2 feet bgs and one soil sample 4 to 6 feet bgs were selected from each boring. One soil sample from the native soil layer below the fill layer was also selected for analysis from TRC-SB-11-N and TRC-SB-11-E.
- Since no apparent impacted soils were identified in soil borings TRC-SB-23 through TRC-SB-34, one soil sample from 0 to 2 feet bgs, one soil sample from the native soil layer below the fill layer, and one sample from the two-foot interval directly above groundwater were selected from each boring for analysis.

The soil samples selected for laboratory analyses and the analyses performed are summarized in the following table.

Boring Depths and Soil Sample Analytical Plan

Soil Boring ID	Boring Depth (feet bgs)	Maximum PID Reading (parts per million)	Depth of Sample Intervals Selected for Analysis (feet bgs)	TCL/CP-51 VOCs and 1,4-dioxane	TCL/CP-51 SVOCs	TAL Metals + Cyanide	TCL PCBs	TCL Pesticides/Herbicides	PFAS	TCLP Lead	TCLP Mercury
TRC-SB-02-N1	2	0.8	0-2	X	X	X	X	X	X		
TRC-SB-02-N2	2	0.4	0-2	X	X	X	X	X			
TRC-SB-02-E	2	2.4	0-2	X	X	X	X	X	X		
TRC-SB-02-S1	2	1.3	0-2	X	X	X	X	X	X		
TRC-SB-02-S2	2	0.0	0-2	X	X	X	X	X			
TRC-SB-02-W	2	4.1	0-2	X	X	X	X	X	X		
TRC-SB-10-N	2	26.8	0-2	X	X	X	X	X	X		
TRC-SB-10-E1	2	61.8	0-2	X	X	X	X	X	X		
TRC-SB-10-E2	2	40.5	0-2	X	X	X	X	X			
TRC-SB-10-S1	2	51.8	0-2	X	X	X	X	X	X		
TRC-SB-10-S2	2	2.6	0-2	X	X	X	X	X			
TRC-SB-10-S3	2	2.6	0-2	X	X	X	X	X			
TRC-SB-10-W	2	24.2	0-2	X	X	X	X	X	X		
TRC-SB-11-N	20	9.1	0-2	X	X	X	X	X	X		
			4-6	X	X	X	X	X		X	
			8-10	X	X	X	X	X		X	
TRC-SB-11-E	20	0.3	0-2	X	X	X	X	X	X		
			4-6	X	X	X	X	X		X	
			8-10	X	X	X	X	X			

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Soil Boring ID	Boring Depth (feet bgs)	Maximum PID Reading (parts per million)	Depth of Sample Intervals Selected for Analysis (feet bgs)	TCL/CP-51 VOCs and 1,4-dioxane	TCL/CP-51 SVOCs	TAL Metals + Cyanide	TCL PCBs	TCL Pesticides/Herbicides	PFAS	TCLP Lead	TCLP Mercury
TRC-SB-11-S	6	2.7	0-2	X	X	X	X	X	X		
			4-6	X	X	X	X	X		X	X
TRC-SB-11-W	6	0.4	0-2	X	X	X	X	X	X		
			4-6	X	X	X	X	X		X	
TRC-SB-23	25	0.0	0-2	X	X	X	X	X	X		
			2-4	X	X	X	X	X			
			13-15	X	X	X	X	X			
TRC-SB-24	7	0.9	0-2	X	X	X	X	X	X		
			3-5	X	X	X	X	X			
TRC-SB-25	25	0.2	0-2	X	X	X	X	X	X		
			4-6	X	X	X	X	X			
			6-8	X	X	X	X	X			
TRC-SB-26	4	1.7	0-2	X	X	X	X	X	X		
			2-4	X	X	X	X	X			
TRC-SB-28	25	0.0	0-2	X	X	X	X	X	X		
			5-7	X	X	X	X	X			
			7-9	X	X	X	X	X			
TRC-SB-29	25	0.0	0-2	X	X	X	X	X	X		
			6-8	X	X	X	X	X			
			12-14	X	X	X	X	X			
TRC-SB-30	25	0.0	0-2	X	X	X	X	X	X		
			4-6	X	X	X	X	X			
			12-14	X	X	X	X	X			
TRC-SB-31	20	0.0	0-2	X	X	X	X	X	X		
			3.5-5.5	X	X	X	X	X			
			8.5-10.5	X	X	X	X	X			
TRC-SB-32	20	0.0	0-2	X	X	X	X	X	X		
			4-6	X	X	X	X	X			
			9-11	X	X	X	X	X			
TRC-SB-33	20	0.0	0-2	X	X	X	X	X	X		
			4-6	X	X	X	X	X			
			9-11	X	X	X	X	X			
TRC-SB-34	20	0.0	0-2	X	X	X	X	X	X		
			8-10	X	X	X	X	X			
			10-12	X	X	X	X	X			

Notes:

TAL: Target Analyte List

TCL: Target Compound List

TCLP: Toxicity Characteristic Leaching Procedure

X: Analysis performed

⁽¹⁾ One duplicate soil sample TRC-DUP-01 [duplicate of TRC-SB-30 (0-2)] was submitted for laboratory analysis.

- ⁽²⁾ One duplicate soil sample TRC-DUP-02 [duplicate of TRC-SB-28 (0-2)] was submitted for laboratory analysis.
- ⁽³⁾ One duplicate soil sample TRC-DUP-03 [duplicate of TRC-SB-32 (0-2)] was submitted for laboratory analysis.

The samples were collected and containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, and placed in a cooler for transport via courier to TestAmerica Laboratories, Inc. (Test America) of Edison, New Jersey utilizing standard chain-of-custody procedures. TestAmerica is a NYSDOH ELAP-certified analytical laboratory.

Following drilling activities, TRC-SB-23, TRC-SB-25, TRC-SB-28, and TRC-SB-29 were converted to permanent monitoring wells TRC-MW-23, TRC-MW-25, TRC-MW-28, and TRC-MW-29 respectively. Note due to refusal encountered at approximately 7 feet bgs in boring location TRC-SB-24, proposed permanent monitoring well TRC-MW-24 was not installed during the RI. Additionally, TRC-SB-27/MW-27 was removed from the scope of the RI because of its redundancy with the existing monitoring well RMW-3. Groundwater samples were collected as described in Section 4.5 below. At the remaining soil borings, drill cuttings were returned to the borehole, the borehole was filled with clean sand to grade, as necessary, and the ground surface was restored (i.e., patched with concrete or asphalt).

Excess drill cuttings generated during boring activities were containerized in 55-gallon drums and staged on-Site. Investigation derived waste (IDW) disposal is discussed in Section 4.7.

4.5 Groundwater Investigation

A groundwater sampling program was conducted as part of the RI. A total of eight (4) permanent monitoring wells TRC-MW-23, TRC-MW-25, TRC-MW-28, TRC-MW-29, TRC-MW-30S, TRC-MW-30D, TRC-MW-31D, and TRC-MW-32D were installed and one groundwater sample was collected from each permanent monitoring well. In addition, one groundwater sample was collected from existing permanent monitoring well RMW-3 in the sidewalk of Orchard Street.

Permanent Monitoring Wells

Permanent monitoring wells TRC-MW-23, TRC-MW-25, TRC-MW-28, and TRC-MW-29 were installed between November 29 through November 30, 2021, while TRC-MW-30S was installed on March 17, 2022, using a track-mounted Geoprobe drill rig. Each well was constructed with threaded 2-inch diameter Schedule 40 PVC riser and 10-slot well screen. Each PVC well screen was installed to span approximately 5 feet above and 10 feet below the water table. The annulus

of each well borehole was packed with Morie No. 1 sand, a two-foot bentonite seal above the sand pack and a grout collar, and completed with a flush-mounted manhole.

Permanent monitoring wells TRC-MW-30D was installed on March 17, 2022, using a track-mounted Geoprobe drill rig. The well was constructed with threaded 2-inch diameter Schedule 40 PVC riser and 10-slot well screen. A 10-foot PVC well screen was installed completely into bedrock at the well locations. The annulus of the well borehole was packed with Morie No. 2 sand, a two-foot bentonite seal above the sand pack and a grout collar, and completed with a flush-mounted manhole.

Permanent monitoring wells TRC-MW-31D and TRC-MW-32D were installed between January 25 through January 27, 2022, utilizing a limited access drill rig. Each well was constructed with threaded 2-inch diameter Schedule 40 PVC riser and 10-slot well screen. 10-foot PVC well screens were installed completely into bedrock at both well locations. The annulus of each well borehole was packed with Morie No. 2 sand, a two-foot bentonite seal above the sand pack and a grout collar, and completed with a flush-mounted manhole.

Well construction logs are provided in *Appendix C*.

Following installation, the permanent wells were developed using mechanical surging methods until five well volumes were removed. Field readings for conductivity, pH, temperature, dissolved oxygen, oxidation-reduction potential, and turbidity were recorded during development.

Groundwater samples were collected from the permanent wells on December 7, 2021, February 24, 2022 and March 25, 2022. One (1) duplicate groundwater sample, one (1) equipment blank sample, and one (1) matrix spike/matrix spike duplicate sample were also collected and submitted for laboratory analysis for each sampling event. Immediately after opening each permanent well, a “head space” vapor reading was measured using a PID. Additionally, water level measurements and the total depth of each well were recorded prior to purging. Groundwater sampling was performed in accordance with the USEPA “Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells.” Conductivity, pH, temperature, dissolved oxygen, oxidation-reduction potential, and turbidity were monitored using a Horiba™ U-52 water quality meter equipped with a flow-through chamber during the well purging. Data was recorded in the field logbook and on low-flow sampling forms. Once groundwater conditions stabilized and groundwater levels recovered, the water quality meter was disconnected and the samples were collected. There were no visual or olfactory indications of contamination (i.e., odor or sheen) observed during well

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purging and sampling, with the exception of a slight odor at TRC-MW-23. Groundwater sampling logs are provided in *Appendix D*.

The purge water generated during development and sampling was placed in 55-gallon drums and staged on the Site. IDW disposal is discussed in Section 4.7.

A summary of the groundwater sample analytical plan is presented on the following table.

Groundwater Sample Analytical Plan

Sample ID/ Well Number	Sample Date	Laboratory Sample ID	Depth to Water (feet bgs) ⁽¹⁾	Screened Interval (feet bgs)	TCL/CP-51 VOCs	TCL/CP-51 SVOCs	TAL Metals ⁽²⁾ + Cyanide	TCL PCBs	TCL Pesticides/ Herbicides	1,4-Dioxane	PFAS
TRC-MW-23 ⁽³⁾	12/7/2021	460-248765-1/ 460-248627-1	9.71	8 to 22	X	X	X	X	X	X	X
TRC-MW-25	12/7/2021	460-248765-2/ 460-248627-2	5.65	3 to 14	X	X	X	X	X	X	X
TRC-MW-28 ⁽³⁾	12/7/2021	460-248765-8	7.90	2 to 15	X						
TRC-MW-29 ⁽⁴⁾	12/7/2021	460-248765-3/ 460-248627-3	11.00	7 to 22	X	X	X	X	X	X	X
TRC-MW-30S	3/25/2022	460-255103-1	10.30	6.3 to 21.3	X	X					
TRC-MW-30D	3/25/2022	460-255103-2	12.21	32.5 to 42.5	X	X					
TRC-MW-31D	2/24/2022	460-253220-1	0.10	2.8 to 12.8	X	X					
TRC-MW-32D	2/24/2022	460-253220-2	0.10	3 to 13	X	X					
RMW-3	12/7/2021	460-248765-4/ 460-248627-4	9.80	40 to 50	X	X	X	X	X	X	X

Notes:

X - Sample analysis performed

TCL: Target Compound List

CP-51: Commissioner Policy-51

TAL: Target Analyte List

PFAS: Per- and polyfluoroalkyl substances

⁽¹⁾ Measured from the top of PVC casing

⁽²⁾ Filtered and unfiltered

⁽³⁾ Due to low recharge in TRC-MW-28, the groundwater sample collected from TRC-MW-28 was analyzed for TCL/CP-51 VOCs only.

⁽⁴⁾ One duplicate groundwater sample, TRC-GW-DUP-01, was collected on December 7, 2021 from TRC-MW-29.

During each sampling event, the samples were collected and containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, and placed in a cooler for transport via courier to TestAmerica. Standard chain-of-custody procedures were followed.

4.6 Slab Opening and Sump Sampling

A slab opening and sump sampling program was conducted as part of the RI. TRC investigated four (4) sumps (TRC-BS-01 through TRC-BS-04) and four (4) slab openings (TRC-WS-01 through TRC-WS-04) in the building at 42-24 Orchard Street on November 22, 2021. Water samples were collected from each of the sumps and slab openings. One (1) trip blank, one (1) duplicate groundwater sample, one (1) equipment blank sample, and one (1) matrix spike/matrix spike duplicate sample were also collected and submitted for laboratory analysis. The samples were collected at the locations shown on *Figure 5*.

Prior to water sample collection, a “head space” vapor reading was measured using a PID. The water samples were collected using a peristaltic pump and dedicated high density polyethylene tubing (HDPE) tubing. Water quality parameters were recorded using a Horiba™ U-52 water quality meter prior to sampling.

A summary of the sump and slab opening sample analytical plan is presented on the following table.

Sump and Slab Opening Sample Analytical Plan

Sample ID	Headspace PID Reading (parts per million)	Sample Date	Laboratory Sample IDs	TCL/CP-51 VOCs	TCL/CP-51 SVOCs	TAL Metals ⁽¹⁾ + Cyanide	TCL PCBs	TCL Pesticides/Herbicides	PFAS	1,4-Dioxane
TRC-BS-01 ⁽²⁾	0.1	11/22/2021	460-248001-1/ 460-24777-1	X	X	X	X	X	X	X
TRC-BS-02	0.1	11/22/2021	460-248001-2/ 460-24777-2	X	X	X	X	X	X	X
TRC-BS-03	0.1	11/22/2021	460-248001-3/ 460-24777-3	X	X	X	X	X	X	X

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Sample ID	Headspace PID Reading (parts per million)	Sample Date	Laboratory Sample IDs	TCL/CP-51 VOCs	TCL/CP-51 SVOCs	TAL Metals ⁽¹⁾ + Cyanide	TCL PCBs	TCL Pesticides/Herbicides	PFAS	1,4-Dioxane
TRC-BS-04	0.2	11/22/2021	460-248001-4/ 460-24777-4	X	X	X	X	X	X	X
TRC-WS-01	0.0	11/22/2021	460-248001-5/ 460-24777-5	X	X	X	X	X	X	X
TRC-WS-02	0.1	11/22/2021	460-248001-6/ 460-24777-6	X	X	X	X	X	X	X
TRC-WS-03	0.0	11/22/2021	460-248001-7/ 460-24777-7	X	X	X	X	X	X	X
TRC-WS-04	0.0	11/22/2021	460-248001-8/ 460-24777-8	X	X	X	X	X	X	X

Notes:

X - Sample analysis performed

TAL: Target Analyte List

TCL: Target Compound List

PFAS: Per- and polyfluoroalkyl substances

⁽¹⁾ Filtered and unfiltered

⁽²⁾ One duplicate water sample, DUP, was collected on November 11, 2021 from TRC-BS-01.

The samples were collected and containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, and placed in a cooler for transport via courier to TestAmerica. Standard chain-of-custody procedures were followed.

4.7 Sample Location Survey

Perfect Point Corporation of Brooklyn, New York surveyed the permanent monitoring wells on February 2, 2022. The location and elevation of the top of PVC casing of each permanent monitoring well and elevation of adjacent ground surface were surveyed. A copy of the survey is provided in *Appendix F*.

4.8 Investigation Derived Waste

Investigation derived waste (IDW) generated during the RI was temporarily stored in 55-gallon steel drums labeled with the date, location, and contents. A total of three (3) 55-gallon drums of IDW (one solid waste and two groundwater) were generated during RI activities. The drums were removed from the Site on February 2, 2022 by AARCO Environmental Services, Corp. and transported to Dale Transfer Corporation of West Babylon, New York. Copies of the waste manifests are in *Appendix G*.

5.0 REMEDIAL INVESTIGATION RESULTS AND FINDINGS

This section presents a discussion of the results and findings of the RI. Comprehensive summaries of the Site investigation laboratory results are provided in *Tables 1* through *14*. Validation of the laboratory analytical data was performed in accordance with NYSDEC requirements, including the requirements for development of Data Usability Summary Reports (DUSRs) in Appendix 2B of DER-10. The results of validation of the laboratory analytical data are summarized in the DUSRs. The complete Category B Analytical Services Protocol (ASP) Laboratory Analytical Data Reports and DUSRs are included in *Appendices H* and *I*, respectively.

5.1 Applicable Regulatory Standards

The established regulatory standards, criteria, and guidance (SCGs) used to evaluate the results of the soil vapor, soil, and groundwater sampling data are identified below.

5.1.1 Soil Vapor, Sub-Slab Vapor, Indoor Air and Ambient Air Guidelines

The results of the analyses of the soil vapor, sub-slab vapor, and indoor air samples were compared to NYSDOH Vapor Intrusion Matrices A, B, and C and Air Guideline Values (AGVs). There are no applicable New York State SCGs for soil vapor, and soil vapor sampling results may not be representative of potential sub-slab vapor conditions; however, due to the lack of applicable SCGs, soil vapor results were also compared to the NYSDOH Vapor Intrusion Matrices A, B, and C and AGVs. The results of the analyses of the indoor and ambient air samples were compared to NYSDOH AGVs.

5.1.2 Soil Cleanup Objectives (SCOs)

SCGs presented in 6 NYCRR Part 375-6 are typically used in evaluating soil at BCP Sites. In accordance with 6 NYCRR Part 375-6, the soil cleanup objectives include:

- **Restricted-Residential Use SCOs:** Restricted-Residential use for the protection of public health is the applicable SCO for the proposed use of the Site (i.e., residential building).
- **Protection of Groundwater SCOs:** In accordance with 6 NYCRR 375-6.5(a)(1), the Protection of Groundwater SCOs should be used to evaluate the concentrations of contaminants detected in soil that are found in groundwater at concentrations above the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, “Ambient Water Quality Standards and Guidance Values”.

Select soil samples were analyzed for per- and polyfluoroalkyl substances (PFAS) as requested by the NYSDEC. Restricted Residential and Protection of Groundwater Use SCOs are presented in the NYSDEC Guidance Document titled "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs" (June 2021) and are proposed in an upcoming revision to 6 NYCRR Part 375-6.

5.1.3 Groundwater Quality Standards and Guidance Values

Analytical results for groundwater were compared to New York State Class GA groundwater standards and guidance values (Class GA Values) published in the NYSDEC TOGS 1.1.1, "Ambient Water Quality Standards and Guidance Values." Ambient water quality standards are enforceable regulatory limits. Where ambient water quality standards do not exist, ambient water quality guidance values were used to evaluate the groundwater sampling results.

The groundwater samples were analyzed for 1,4-dioxane and PFAS as requested by the NYSDEC. Class GA Values for 1,4-dioxane and PFAS are presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.

5.1.4 Hazardous Waste Regulatory Limits

The results of analysis for lead, chromium, and mercury by the Toxicity Characteristic Leaching Procedure (TCLP) were compared to the regulatory limits in 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes.

5.2 Soil Vapor, Sub-Slab Vapor, Indoor Air, and Ambient Air Sampling Results and Findings

Summaries of the results of the analyses of the soil vapor, sub-slab vapor, indoor air, and ambient air samples are presented in *Table 1*. The complete laboratory analytical data reports are presented in *Appendix H*. *Figure 9* shows a comparison of soil vapor, sub-slab vapor, and indoor sampling results to the NYSDOH Vapor Intrusion Matrices and Air Guideline Values (AGVs).

Two (2) soil vapor samples, three (3) co-located sub-slab vapor/indoor air samples, four (4) indoor air samples, and one (1) ambient air sample were collected and analyzed for VOCs.

Total VOC concentrations in soil and sub-slab vapor samples ranged from 193.51 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in TRC-SSV-03 to 1,363.69 $\mu\text{g}/\text{m}^3$ in TRC-SV-09. Total VOC

concentrations in indoor air samples ranged from about 25.20 $\mu\text{g}/\text{m}^3$ in TRC-IA-03 to 768.79 $\mu\text{g}/\text{m}^3$ in TRC-IA-01. Total VOC concentrations in ambient air were 15.69 $\mu\text{g}/\text{m}^3$.

Petroleum-related compounds, including benzene, toluene, ethylbenzene, and xylenes (BTEX) were detected in soil vapor, sub-slab vapor, indoor air, and the ambient air samples. Total BTEX concentrations in soil vapor ranged from 35.50 $\mu\text{g}/\text{m}^3$ in TRC-SV-13 to 232.26 $\mu\text{g}/\text{m}^3$ in TRC-SSV-01. BTEX concentrations in indoor air samples ranged from 7.52 $\mu\text{g}/\text{m}^3$ in TRC-IA-03 to 373.98 $\mu\text{g}/\text{m}^3$ in TRC-IA-02. The BTEX concentration in the ambient air sample was 3.23 $\mu\text{g}/\text{m}^3$.

The results of the analyses of the soil vapor, sub-slab vapor, and indoor air samples were also compared to NYSDOH Vapor Intrusion Matrices A, B, and C. The results of the analyses of the indoor air and ambient air samples were compared to NYSDOH AGVs.

There are four recommendations within the NYSDOH Vapor Intrusion Matrices: no further action, identify sources(s) and resample or mitigate, monitor, and mitigate. A comparison of the concentrations of compounds detected in the air samples to the NYSDOH Vapor Intrusion Matrices indicates the following:

- Comparison of the concentrations of 1,1,1-Trichloroethane detected in soil vapor samples TRC-SV-09 to the NYSDOH Vapor Intrusion Matrices indicates no further action, monitor, or mitigate would be the recommended action, depending on the indoor air concentrations, if the results are representative of sub-slab vapor concentrations.
- Comparison of the concentration of TCE detected in sub-slab vapor sample TRC-SSV-01 and co-located indoor air sample TRC-IA-01 to the NYSDOH Vapor Intrusion Matrices indicates mitigation would be the recommended action.
- Comparison of the concentrations of VOCs detected in co-located sub-slab vapor samples TRC-SSV-02 and TRC-SSV-03 and indoor air samples TRC-IA-02 and TRC-IA-03 to the NYSDOH Vapor Intrusion Matrices indicates no further action would be the recommended action.

The NYSDOH has established AGVs for three (3) of the VOCs analyzed (methylene chloride, tetrachloroethene (PCE), and TCE). Methylene chloride, PCE, and TCE were not detected in any indoor air or ambient air samples at concentrations exceeding the corresponding AGVs.

5.3 Soil Sampling Results and Findings

Field observations recorded during soil sampling are discussed in Section 4.4 above. Summaries of the results of the analyses of the soil samples are presented in *Tables 2* through *8*. In the tables, analytical results are compared to the Restricted-Residential Use SCOs and Protection of Groundwater SCOs.

The complete laboratory analytical data reports are presented in *Appendix H*. A summary of the results of the analyses of the soil samples which exceed Restricted Residential Use SCOs and Protection of Groundwater SCOs is shown on *Figures 10* and *11*.

5.3.1 Volatile Organic Compounds (VOCs) in Soil

A total of 54 soil samples and three (3) duplicate soil samples were analyzed for TCL/CP-51 volatile organic compounds (VOCs) and 1,4-dioxane. No VOCs or 1,4-dioxane were detected at concentrations exceeding the corresponding RRSCOs. The analytical data is summarized in *Table 2*.

5.3.2 Semivolatile Organic Compounds (SVOCs) in Soil

A total of 54 soil samples and three (3) duplicate soil samples were analyzed for TCL/CP-51 semivolatile organic compounds (SVOCs). The analytical data is summarized in *Table 3*. Seven (7) SVOCs were detected at concentrations exceeding their corresponding RRSCO. Exceedances of RRSCO's were observed in a total of 11 samples in eight (8) borings. A summary of the SVOCs detected above the RRSCOs in the soil samples is presented in the following table.

SVOCs Detected in Soil at Concentrations Above Restricted-Residential Use SCOs

Sample ID Sample Depth (ft) Units	TRC-SB-11-N (4-6) 4'-6' (mg/kg)	TRC-SB-11-E (0-2) 0'-2' (mg/kg)	TRC-SB-11-E (4-6) 4'-6' (mg/kg)	TRC-SB-11-S (0-2) 0'-2' (mg/kg)	RRSCO (mg/kg)
Benzo(a)anthracene	2.5	26	20	1.4	1
Benzo(a)pyrene	2.2	23	16	1.4	1
Benzo(b)fluoranthene	3.2	30	21	1.9	1
Benzo(k)fluoranthene	1.1	11	7.1	0.71	3.9
Chrysene	2.6	23	19	1.4	3.9
Dibenz(a,h)anthracene	0.32	3.1	2.3	0.16	0.33
Indeno[1,2,3-cd]pyrene	1.2	16	9.0	1.0	0.5

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Sample ID Sample Depth (ft) Units	TRC-SB-25 (0-2) 0'-2' (mg/kg)	TRC-DUP-01 0'-2' (mg/kg)	TRC-SB-31 (3.5-5.5) 3.5'-5.5' (mg/kg)	RRSCO (mg/kg)
Benzo(a)anthracene	6.4	1.3 J	1.3	1
Benzo(a)pyrene	6.7	0.98 J	1.0	1
Benzo(b)fluoranthene	7.2	1.2 J	1.4	1
Benzo(k)fluoranthene	2.8	0.49 J	0.45	3.9
Chrysene	5.8	1.2	1.2	3.9
Dibenz(a,h)anthracene	0.93	0.18	0.14	0.33
Indeno[1,2,3-cd]pyrene	4.1	0.60 J	0.53	0.5

Sample ID Sample Depth (ft) Units	TRC-SB-33 (0-2) 0'-2' (mg/kg)	TRC-SB-33 (4-6) 4'-6' (mg/kg)	TRC-SB-34 (0-2) 0'-2' (mg/kg)	TRC-SB-34 (10-12) 10'-12' (mg/kg)	RRSCO (mg/kg)
Benzo(a)anthracene	5.9 J	5.2	3.1	0.80	1
Benzo(a)pyrene	5.9 J	5.0	2.9	0.80	1
Benzo(b)fluoranthene	7.6 J	6.1	3.7	1.2	1
Chrysene	5.8 J	5.0	3.2	0.74	3.9
Dibenz(a,h)anthracene	0.93 J	0.78	0.47	0.13	0.33
Indeno[1,2,3-cd]pyrene	3.9 J	3.7	1.9	0.55	0.5

Notes:

J – Estimated value

RRSCO: Restricted-Residential Use SCO

Bolded and shaded values exceed RRSCO

mg/kg: Milligrams per kilogram

TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).

5.3.3 Metals and Cyanide in Soil

A total of 54 soil samples and three (3) duplicate soil samples were analyzed for Target Analyte List (TAL) metals and cyanide. The analytical data is summarized in *Table 4*. Four (4) metals were detected at concentrations exceeding their corresponding RRSCO. Exceedances of RRSCO's were observed in a total of 16 samples in 11 borings. A summary of the metals detected above the RRSCOs in the soil samples is presented in the following table.

Metals Detected in Soil at Concentrations Above Restricted-Residential Use SCOs

Sample ID Sample Depth (ft) Units	TRC-SB-02-S1 (0-2) 0'-2' (mg/kg)	TRC-SB-02-W (0-2) 0'-2' (mg/kg)	TRC-SB-11-N (0-2) 0'-2' (mg/kg)	TRC-SB-11-N (4-6) 4'-6' (mg/kg)	RRSCO (mg/kg)
Arsenic	24.3	25.6	5.5 J	13.0 J	16
Barium	117	973	365	53.0	400
Lead	16.7	103	1,270 J	243 J	400
Mercury	0.016 J	0.90	0.38	0.85	0.81

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Sample ID Sample Depth (ft) Units	TRC-SB-11-E (0-2) 0'-2' (mg/kg)	TRC-SB-11-E (4-6) 4'-6' (mg/kg)	TRC-SB-11-E (8-10) 8'-10' (mg/kg)	TRC-SB-11-S (0-2) 0'-2' (mg/kg)	RRSCO (mg/kg)
Arsenic	6.0 J	3.2 J	1.4 J	26.7 J	16
Barium	735	151	69.5	223	400
Lead	3,830 J	407 J	5.2 J	655 J	400
Mercury	0.82	0.29	0.84	3.2	0.81

Sample ID Sample Depth (ft) Units	TRC-SB-11-S (4-6) 4'-6' (mg/kg)	TRC-SB-11-W (0-2) 0'-2' (mg/kg)	TRC-SB-25 (0-2) 0'-2' (mg/kg)	TRC-SB-26 (0-2) 0'-2' (mg/kg)	RRSCO (mg/kg)
Arsenic	2.4	5.9	20.6 J	3.4	16
Barium	87.0	73.5	434	58.5	400
Lead	348	272	1,270 J	88.2 J	400
Mercury	26.4	1.7	2.9	0.87	0.81

Sample ID Sample Depth (ft) Units	TRC-SB-29 (0-2) 0'-2' (mg/kg)	TRC-SB-31 (0-2) 0'-2' (mg/kg)	TRC-SB-32 (0-2) 0'-2' (mg/kg)	TRC-DUP-03 0'-2' (mg/kg)	RRUCO (mg/kg)
Arsenic	2.9	10.7	21.6	17.5	16
Lead	240	608	197	197	400
Mercury	1.5	0.86	0.20	0.21	0.81

Notes:

J – Estimated value

RRSCO: Restricted-Residential Use SCO

Bolded and shaded values exceed RRSCO mg/kg; Milligrams per kilogram

TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).

Soil samples which exhibited elevated concentrations of total lead and total mercury with the potential to exhibit the hazardous characteristic of toxicity were analyzed for TCLP lead and mercury as described below.

5.3.4 Hazardous Waste Characteristics in Soil

Five (5) soil samples were analyzed for TCLP lead and one (1) soil sample, TRC-SB-11-S (4-6), was analyzed for TCLP mercury. The leachable concentration of lead in one (1) sample, TRC-SB-11-N (4-6), exceeded the regulatory level of 5 mg/L. The leachable concentration of lead in the remaining soil samples did not exceed the corresponding regulatory limit. The leachable concentration of mercury in TRC-SB-11-S (4-6) did not exceed the regulatory limit of 0.20 mg/L. A summary of the analytical results for the TCLP testing is presented in *Table 5*. Lead detected at a concentration exceeding the TCLP Regulatory Level is shown in the table below.

Metals Detected in Soil at Concentrations Above the TCLP Regulatory Limit

Sample ID Sample Depth (ft) Units	TRC-SB-11-N (4-6) 4'-6' (mg/L)	TCLP Regulatory Level (mg/L)
Lead	7.14	5

Notes:

TCLP: Toxicity Characteristic Leaching Procedure

Bolded and shaded values exceed TCLP Regulatory Level

mg/L: Milligrams per Liter

5.3.5 Polychlorinated Biphenyls (PCBs) in Soil

A total of 54 soil samples and three (3) duplicate soil samples were analyzed for PCBs. There were no PCBs detected at concentrations greater than the RRSCOs. The analytical data is summarized in Table 6.

5.3.6 Pesticides and Herbicides in Soil

A total of 54 soil samples and three (3) duplicate soil samples were analyzed for TCL pesticides and herbicides. There were no pesticides or herbicides detected at concentrations greater than the RRSCOs. The analytical data is summarized in Table 7.

5.3.7 Per- and Polyfluoroalkyl Substances in Soil

A total of 26 soil samples and three (3) duplicate soil samples were analyzed for PFAS. There were no PFAS compounds detected at concentrations greater than the proposed RRSCOs. The analytical data is summarized in Table 8.

5.4 Groundwater Sampling Results and Findings

Field observations recorded during groundwater sampling are discussed in Section 4.5. Summaries of the results of the analyses of the groundwater samples are presented in Tables 9 through 14. The complete laboratory analytical data reports are presented in Appendix H. Figure 5 shows the groundwater sampling locations. Figures 12 through 14 show the groundwater sampling results greater than Class GA Values. A review of the results of the analyses of the groundwater samples is presented below.

5.4.1 VOCs in Groundwater

A total of 17 groundwater samples and two (2) duplicate groundwater samples collected from the permanent monitoring wells, sumps, and slab openings were analyzed for TCL/CP-51 VOCs. Groundwater samples, with the exception of TRC-MW-28, were additionally analyzed for 1,4-

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dioxane via USEPA Method 8270 plus selective ion monitoring at the request of the NYSDEC. 22 VOCs were detected at concentrations exceeding their corresponding RRSCO. Exceedances of RRSCO's were observed in 15 groundwater samples collected at 14 locations. The analytical data is summarized in *Table 9*.

Please see below for a summary of screened intervals for groundwater samples collected.

- Building sump (BS) and slab opening (WS) samples were collected from open groundwater at the building slab in the basement of 42-24 Orchard Street. These samples were all collected at the building slab elevation of approximately El. 4'.
- See the table below for screen intervals for all monitoring wells.

Monitoring Well	Screen Interval (Top/Bottom El.)	
MW-23	5.05	-9.95
MW-25	12.12	-2.88
MW-28	11.01	-3.99
MW-29	6.76	-8.24
MW-30S	10.32	-4.68
MW-30D	-16.26	-26.26
MW-31D	1.43	-8.57
MW-32D	1.43	-8.57
RMW-3	-23.8	-33.8

A summary of the VOCs detected above Class GA Values in the groundwater samples is presented in the following table.

VOCs Detected in Groundwater at Concentrations Greater than Class GA Values

Sample ID	TRC-BS-01	DUP ⁽³⁾	TRC-BS-03	TRC-WS-02	TRC-WS-04	Class GA Value
Units	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
1,2,4-Trimethylbenzene	26	36	18	< 1.0	< 1.0	5
1,3,5-Trimethylbenzene	7.0	10	3.8	< 1.0	< 1.0	3
1,4-Dichlorobenzene	2.8	4.2	0.81 J	< 1.0	< 1.0	3
1,4-Dioxane	0.45	< 0.20	< 0.20	0.50	0.48	0.35 ⁽¹⁾
Benzene	13	14	1.2	< 1.0	< 1.0	1
Chlorobenzene	6.3	7.6	< 1.0	< 1.0	< 1.0	5
Ethylbenzene	42	59	12	< 1.0	< 1.0	5
Isopropylbenzene	11	14	8.6	< 1.0	< 1.0	5
m-Xylene & p-Xylene	39	61	7.3	< 1.0	< 1.0	5 ⁽²⁾
Naphthalene	770	920	140	1.3	< 1.0	10

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Sample ID	TRC-BS-01	DUP ⁽³⁾	TRC-BS-03	TRC-WS-02	TRC-WS-04	Class GA Value
Units	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
N-Propylbenzene	5.7	6.2	4.0	< 1.0	< 1.0	5
o-Xylene	24	34	8.9	< 1.0	< 1.0	5 ⁽²⁾
Toluene	16	24	1.4	< 1.0	< 1.0	5
Xylenes, Total	63	96	16	< 2.0	< 2.0	5 ⁽²⁾

Sample ID	TRC-MW-23	TRC-MW-30D	TRC-MW-30S	TRC-MW-31D	RMW-3	Class GA Value
Units	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
1,1-Dichloroethane	<1.0	12	<1.0	<2.0	<2.0	5
1,2,4-Trimethylbenzene	6.6	380	13	0.94 J	29	5
1,2 Dichloroethane	<1.0	7.6	0.56 J	<2.0	<2.0	2
1,3,5-Trimethylbenzene	2.2	130	4.5	1.4 J	8.3	3
1,3-Dichlorobenzene	<1.0	4.7	<1.0	<2.0	0.73 J	3
1,4-Dichlorobenzene	8.6	25	0.99	1.9 J	3.4	3
1,4-Dioxane	0.23	3.3	<0.20	NA	5.0	0.35 ⁽¹⁾
2-Butanone (MEK)	<5.0	97	<5.0	<10	<10	50
Acetone	<5.0	520	<5.0	<10	<10	50
Benzene	21	1100	5.5	3.2	260	1
Chlorobenzene	120	190	3.1	<2.0	57	5
Cis-1,2-Dichloroethene	<1.0	14	<1.0	0.46 J	<2.0	5
Ethylbenzene	1.8	480	9.6	<2.0	63	5
Isopropylbenzene	2.6	40	1.1	<2.0	6.5	5
Methylene Chloride	<1.0	300	0.62 J	<2.0	<2.0	5
m-Xylene & p-Xylene	11	1100	24	0.93 J	66	5 ⁽²⁾
Naphthalene	110 J	1000	240	650	580	10
N-Propylbenzene	0.79 J	14	0.49 J	<2.0	2.2	5
o-Xylene	2.3	490	9.2	2.9 J	39	5 ⁽²⁾
Styrene	<1.0	190	<1.0	<2.0	<2.0	5
Toluene	0.65 J	NA	19	<2.0	7.7	5
Vinyl Chloride	0.46 J	11	<1.0	<2.0	<2.0	2
Xylenes, Total	13	1600	33	3.8 J	110	5 ⁽²⁾

Notes:

Bold and shaded values exceed Class GA Values

µg/L: Micrograms per liter

<: The compound was not detected above the reporting limit.

⁽¹⁾ GA Value for 1,4-dioxane is presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.

⁽²⁾ There is no GA Value for total xylenes. The standards for o-xylene, m-xylene, and p-xylene is 5 µg/L.

⁽³⁾ DUP is a duplicate of TRC-BS-01.

5.4.2 SVOCs in Groundwater

A total of 16 groundwater samples and two (2) duplicate groundwater samples collected from the permanent monitoring wells, sumps, and slab openings were analyzed for TCL/CP-51 SVOCs. 5 SVOCs were detected at concentrations exceeding their corresponding RRSCO. Exceedances of RRSCO's were observed in six (6) groundwater samples collected at five (5) locations. The analytical data is summarized in *Table 10*. A summary of the SVOCs detected above Class GA Values in the groundwater samples is presented in the following table.

SVOCs Detected in Groundwater at Concentrations Greater than Class GA Values

Sample ID	TRC-BS-01	DUP	TRC-WS-02	TRC-MW-23	TRC-MW-30D	TRC-MW-31D	Class GA Value
Units	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
1,1-Biphenyl	<10	<10	3.6 J	<10	160	18	5
Acenaphthene	110	140	6.6 J	16 J	160	35	20
Benzo(a)pyrene	< 1.0	< 1.0	0.83 J	<1.0	<1.0	<1.0	NC ⁽¹⁾
Bis(2-ethylhexyl) phthalate	< 2.0	< 2.0	5.1	< 2.0	< 2.0	< 2.0	5
Naphthalene	0.76 J	< 2.0	7.1	69	NA	< 2.0	10

Notes:

Bold and shaded values exceed Class GA Values

µg/L: Micrograms per liter

<: The compound was not detected above the reporting limit.

DUP is a duplicate of TRC-BS-01.

⁽¹⁾ - Benzo(a)pyrene exceedance is any concentration above the detection limit

5.4.3 Metals in Groundwater

A total of 12 groundwater samples and two (2) duplicate groundwater samples collected from the permanent monitoring wells, sumps, and slab openings were analyzed for metals (unfiltered and filtered). The analytical data is summarized in *Table 11*. Antimony, iron, manganese, magnesium, selenium, and sodium were detected at concentrations greater than Class GA Values in filtered groundwater samples and are attributed to naturally occurring compounds.

5.4.4 PCBs in Groundwater

A total of 12 groundwater samples and two (2) duplicate groundwater samples collected from the permanent monitoring wells, sumps, and slab openings were analyzed for PCBs. There were no PCBs detected in the groundwater samples. The analytical data is summarized in *Table 12*.

5.4.5 Pesticides and Herbicides in Groundwater

Twelve groundwater samples and two duplicate groundwater samples collected from the permanent monitoring wells, sumps, and slab openings were analyzed for were analyzed for TCL pesticides and TCL herbicides. There were no pesticides or herbicides detected at concentrations greater than the Class GA Values in the groundwater samples. The analytical data is summarized in *Table 13*.

5.4.6 Per- and Polyfluoroalkyl Substances in Groundwater

Twelve groundwater samples and two duplicate groundwater samples collected from the permanent monitoring wells, sumps, and slab openings were analyzed for per- and polyfluoroalkyl substances (PFAS) as required by the NYSDEC. The analytical data is summarized in *Table 14*. A summary of PFAS detected at concentrations greater than the proposed Class GA Values in the groundwater samples is provided in the following table.

PFAS Detected in Groundwater at Concentrations above Class GA Values

Sample ID	PFOS	PFOA
Units	ng/L	
Class GA Value	2.7 ⁽¹⁾	6.7 ⁽¹⁾
TRC-BS-01	47.2	27.2
DUP ⁽²⁾	46	27.1
TRC-BS-02	3.18	5.35
TRC-BS-03	38.5	44.9
TRC-BS-04	18.9	36.8
TRC-WS-01	27.9	14.8
TRC-WS-02	89.8	45.4
TRC-WS-03	151	180
TRC-WS-04	55	56.1
TRC-MW-23	25.5 J	31.5 J
TRC-MW-25	18.8	17.3
TRC-MW-29	<11.2	60.5
TRC-GW-DUP-01 ⁽³⁾	<11.2	59.5
RMW-3	16.2	36.4

Notes:

Bold and shaded values exceed proposed Class GA Values

<: The compound was not detected above the reporting limit.

ng/L: Nanograms per liter

PFOS: Perfluorooctanesulfonic acid

PFOA: Perfluorooctanoic acid

(1) - GA Value for PFOS and PFOA is presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.

(2) DUP is a duplicate of TRC-BS-01.

(3) TRC-GW-DUP-01 is a duplicate of TRC-MW-29.

5.5 Summary of Results and Findings

This section discusses the results of the RI and previous investigations.

5.5.1 Site Geology and Hydrology

During the RI, fill material consisting of brown sand, gravel, silt, and trace building materials (i.e., brick, concrete, aggregate, asphalt, wood) was encountered at the Site from the ground surface to approximately 7 feet bgs. The underlying material below the identified fill generally consists of tan to dark brown fine sand with silty clay to the terminal depths of the borings, up to 25 feet bgs. Bedrock is present at the Site at depths ranging from approximately 1.5 feet bgs to 17 feet bgs. As noted in Section 2.5, depth to weathered bedrock and competent bedrock dips from approximately 0 feet bgs in the central portion of the Site to maximum depths of 50 feet bgs in the northern portion of the Site and 10 feet bgs in the southern portion of the Site. Indications of contamination (i.e., slight to moderate odors, staining, and/or elevated photoionization detector PID readings up to 61.8 ppm) were observed at and above the water table in soil borings TRC-SB-02-N1, TRC-SB-02-N2, TRC-SB-02-E, TRC-SB-02-S1, TRC-SB-02-S2, TRC-SB-02-W, TRC-SB-10-N, TRC-SB-10-E1, TRC-SB-10-E2, TRC-SB-10-S1, TRC-SB-10-S2, TRC-SB-10-S3, TRC-SB-10-W, TRC-SB-11-N, and TRC-SB-11-S. With the exception of a slight odor observed during purging at TRC-MW-23, there were no visual or olfactory indications of contamination (i.e., odor or sheen) observed during well purging and sampling. No other indications of contamination were identified at the Site during field investigation activities.

One round of synoptic water level measurements was collected from five surveyed permanent monitoring wells (TRC-MW-23, TRC-MW-25, TRC-MW-28, TRC-MW-29, and RMW-3) as part of the RI. Groundwater surface elevations¹ in the monitoring wells ranged from approximately 5.65 feet in monitoring well TRC-MW-25 (located in the southwestern portion of the Site) to 11.0 feet in monitoring well TRC-MW-29 located in the northwestern portion of the Site. Based on the one round of groundwater surface elevation measurements, the apparent predominant direction of groundwater flow is towards the northwest. *Figure 8* presents the groundwater surface elevation measurements, and inferred groundwater surface elevation contours and groundwater flow direction.

5.5.2 Soil Vapor, Sub-Slab Vapor, Indoor Air, and Ambient Air

Soil vapor samples collected during the RI and Phase II ESI identified the presence of several petroleum- and chlorinated solvent-related VOCs at elevated concentrations.

CVOCs (1,1,1-trichloroethane, carbon tetrachloride, PCE, TCE, and vinyl chloride) were detected in soil vapor and sub-slab vapor samples collected during the 2021 subsurface investigation and RI across the Site. A comparison of concentrations of TCE in one sub-slab vapor sample (TRC-SSV-01) and co-located indoor air sample (TRC-IA-01) to the NYSDOH Vapor Intrusion Matrices indicates the recommended action would be mitigation. Chlorinated solvents were detected in soil and groundwater samples at trace concentrations; there were no CVOC exceedances of RRSCOs or Class GA Values. In addition, no CVOCs were detected in the indoor air samples at concentrations exceeding the corresponding AGVs. The Phase I ESA identified an on-site laundry facility at the Site in 1898 and a registered dry cleaner at 43-43 Queens Street as well as an adjacent historic chemical manufacturer with known contamination and a taxi repair facility as potential sources to on-site contamination. The source of CVOCs in soil vapor and sub-slab vapor may be from historical Site operations or from historical operations on surrounding properties.

BTEX were detected in soil vapor and sub-slab vapor during the previous investigation and the RI at concentrations ranging from 14.4 $\mu\text{g}/\text{m}^3$ to 65,110 $\mu\text{g}/\text{m}^3$. BTEX concentrations in indoor air samples ranged from 7.523 $\mu\text{g}/\text{m}^3$ to 373.98 $\mu\text{g}/\text{m}^3$. BTEX were detected in groundwater in

¹ Groundwater surface elevation datum is NAVD88.

the eastern portion of the Site at concentrations exceeding the RRSCOs and Class GA Values, respectively. Evidence of petroleum contamination was also identified in several soil and groundwater samples in the 42-24 Orchard Street building. The source of BTEX in soil vapor, sub-slab vapor, and indoor air is attributable to an off-Site source (i.e., contamination migrating on-Site from the adjacent BCP Site [West Chemical Company]).

5.5.3 Soil

The results of the soil sampling are summarized as follows:

- During the previous investigation, naphthalene was detected in one sample (TRC-SB-10) collected from the 42-24 Orchard Street building, at concentrations exceeding the corresponding RRSCOs. No other VOCs were detected at concentrations exceeding the corresponding RRSCOs during the previous investigation and the RI. However, petroleum odors, staining, and elevated PID readings up to 51.8 ppm were observed in the 0-2 foot interval around soil borings TRC-SB-02, TRC-SB-10, and the associated delineation borings. Petroleum related VOCs and petroleum contamination detected in soil may be attributable to an off-Site source (i.e., contamination migrating on-Site from the adjacent BCP Site [West Chemical Company]).
- Several SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene, were detected in one or more soil samples at concentrations exceeding RRSCOs. A portion of the PAHs exceeding the RRSCOs in soil may be attributable to characteristics of fill material at the Site. A portion of the PAHs and naphthalene exceeding the RRSCOs in saturated soil may be attributable to an off-Site source (i.e., groundwater contamination migrating on-Site from the adjacent BCP Site [West Chemical Company]).
- Several metals including arsenic, barium, cadmium, chromium, copper, lead, mercury, and selenium were detected in one or more soil samples at concentrations exceeding RRSCOs. Metals exceeding the RRSCOs in soil are attributable to characteristics of fill material at the Site.
- The leachable concentration of lead exceeded the TCLP regulatory level in one (1) sample collected from the southern portion of the Site (TRC-SB-11-N). Lead was also detected above the TCLP Regulatory Level in one (1) sample collected during the Phase

II ESI (TRC-SB-11). Lead exceeding the TCLP Regulatory Level in the southern portion of the Site may be attributable to characteristic of fill material at the Site.

- PCBs were detected in one soil sample collected during the previous investigation at a concentration marginally greater than the RRSCOs. Total PCBs were not detected in other samples at concentrations exceeding the RRSCOs. PCBs exceeding the RRSCOs in soil may be attributable to characteristics of fill material at the Site.
- No pesticides or herbicides were detected in soil samples at concentrations greater than the RRSCOs.
- No PFAS compounds were detected in soil samples at concentrations greater than the proposed RRSCOs.

5.5.4 Groundwater

The results of the groundwater sampling are summarized as follows:

- Sixteen VOCs were detected in groundwater during the previous investigation and the RI at concentrations above Class GA Values. The findings regarding the VOCs are summarized below.
 - 1,4-dioxane was detected in groundwater in one (1) building sump (TRC-BS-01), two (2) slab openings (TRC-WS-02 and TRC-WS-04) and one (1) monitoring well (RMW-3) in the western portion of the Site at concentrations above the Class GA Value. No chlorinated VOCs were detected in groundwater at concentrations above Class GA Values; therefore, 1,4-dioxane in groundwater at the Site is likely attributable to an off-Site source.
 - Petroleum-related VOCs (1,2,4-trimethylbenzene, 1,2-dichlorobenzene, 1,3,5-trimethylbenzene, 1,4-dichlorobenzene, benzene, chlorobenzene, ethylbenzene, isopropyltoluene, m-xylene & p-xylene, naphthalene, n-propylbenzene, o-xylene, toluene, and total xylenes) were detected in groundwater in two (2) building sumps (TRC-BS-01/DUP and TRC-BS-03) and three (3) on-Site monitoring wells (TRC-GW-10, TRC-MW-23 and RMW-3) at concentrations exceeding the corresponding Class GA Values. Petroleum related compounds detected in groundwater may be attributable to an off-Site source (i.e., contaminated groundwater migrating on-Site from the adjacent BCP Site [West Chemical Company]).

- Several SVOCs including 1,1'-biphenyl, acenaphthene, anthracene, benzo(a)pyrene, bis(2-ethylhexyl)phthalate, fluoranthene, fluorene, naphthalene, and phenanthrene were detected in groundwater at concentrations above Class GA Values. Based on the presence of fill material at the Site, the polycyclic aromatic hydrocarbons (PAHs) in groundwater may be attributable to the characteristics of fill material at the Site and other SVOCs may be attributable to an off-Site source (i.e., contaminated groundwater migrating on-Site from the adjacent BCP Site [West Chemical Company]).
- Antimony, iron, magnesium, manganese, selenium, and sodium were detected in filtered groundwater samples at concentrations exceeding Class GA Values. The metals detected in groundwater primarily naturally occurring and are likely attributable to local groundwater characteristics and/or the characteristics of the fill material at the Site. In addition, lead was detected in one filtered groundwater sample at concentrations exceeding the Class GA Value. The source of lead in groundwater is attributed to of the presence of historic fill in groundwater.
- No PCBs were detected in the groundwater samples.
- No pesticides or herbicides were detected in the groundwater samples at concentrations greater than the Class GA Values.
- PFAS were detected in groundwater at concentrations exceeding proposed Class GA Values, including PFOS at concentrations ranging between 3.18 ng/L and 151 ng/L, and PFOA at concentrations ranging between 5.35 ng/L and 180 ng/L. The low concentrations of PFAS in groundwater are ubiquitous in groundwater throughout New York City.

5.6 Quality Assurance/Quality Control Data Evaluation

A QA/QC program for the RI was instituted to verify that the project analytical data objectives were met. The QA/QC program was implemented consistent with the Quality Assurance Project Plan (QAPP), which specifies the data quality objectives (DQOs) for each analytical parameter for the entire investigation. During the program, the collection of QC samples was monitored to verify that the field QC samples were collected at the proper frequency. Finally, the QA/QC program included validation of the analytical data, as specified in the QAPP.

The results of the data validation are summarized in Data Usability Summary Reports (DUSRs). The DUSRs include a discussion on each qualified result, the potential bias and the effect on the data usability.

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In general, the data were found to be valid and usable for decision-making purposes, with the exception of the following:

- 2,3,4,5-tetrachlorophenol, 2,4,6-trichlorophenol, 2,4-dinitrophenol, 4,6,-dinitro-2-methylphenol, 4-nitrophenol, and pentachlorophenol in soil samples TRC-SB-30 (4-6);
- 2,4- dinitrophenol and 4,6,-dinitro-2-methylphenol in soil sample TRC-SB-33(0-2); and
- 3,3'-dichlorobenzidine and in groundwater sample TRC-MW-23.

2,3,4,5-tetrachlorophenol, 2,4,6-trichlorophenol, 2,4-dinitrophenol, 4,6,-dinitro-2-methylphenol, 4-nitrophenol, pentachlorophenol, and 3,3'-dichlorobenzidine were not detected in the soil or groundwater samples collected at the Site.

A summary of the DUSRs, including cautions and/or limitations of data usability, is included in *Appendix I*.

6.0 SITE CONCEPTUAL MODEL

The following conceptual site model explains the nature and extent of the contaminants known to be present at the Site, the dominant fate and transport characteristics, potential exposure pathways, and potential impacts to receptors.

The primary contaminants of concern in soil (i.e., those constituents that exceed the RRSCOs) include petroleum-related VOCs, SVOCs, metals including hazardous concentrations of leachable lead, and PCBs; in groundwater the primary contaminants of concern are VOCs (petroleum-related VOCs), SVOCs, and metals (in filtered samples); and in soil vapor and sub-slab vapor the primary contaminants of concern are petroleum-related VOCs (BTEX) and chlorinated VOCs (PCE and TCE).

Potential Sources of Contamination

Potential sources of contamination have been identified and include historic fill and historical uses of the site and surrounding properties.

Historic Fill

Historic fill was encountered site-wide from immediately below ground surface to maximum depths of 8 feet bgs. The historic fill originated from unidentified sources and was placed as backfill at an unknown time, prior to site development. SVOCs (with the exception of naphthalene), metals, hazardous lead, and PCBs concentrations in soil and groundwater above RRUSCO and Class GA Values, respectively, are related to the nature of the historic fill. Note that lead was detected in one filtered groundwater sample collected during the 2020 Phase II ESI at a concentration above the Class GA Value; however, in the southeastern-most well (most downgradient location), the concentration of lead is below the Class GA Value. Therefore, there is no evidence that lead impacted groundwater above the Class GA Value is migrating off Site.

Impacts in Saturated Soil related to the adjacent former West Chemical Company

SVOCs (including naphthalene) were detected in saturated soil at concentrations exceeding RRSCOs in the northwestern corner of the 42-24 Orchard Street building. Evidence of petroleum-impacted saturated soil identified during field activities in the northwestern corner of the building was also identified. Due to the similarity of contaminants to those at the adjacent former West Chemical Company in soil and their downgradient location these impacts are likely

related to the adjacent former West Chemical Company (Queens Plaza Residential Development).

Impacts in Groundwater related to the adjacent former West Chemical Company

Petroleum-related VOCs were detected in groundwater at concentrations above Class GA Values in the eastern and northeastern portions of the Site. Concentrations of VOCs in groundwater are lower on the southern and northwestern portion of the Site. Due to the similarity of contaminants to those at the adjacent former West Chemical Company in ground water and their downgradient location these impacts are likely related to the adjacent former West Chemical Company (Queens Plaza Residential Development).

Emerging Contaminants in Groundwater

1,4-dioxane was detected in groundwater in the western portion of the Site at concentrations above the Class GA Value. 1,4-dioxane was not detected in on-Site soil. No chlorinated VOCs (typically identified at sites with 1,4-dioxane) were detected in groundwater at concentrations above Class GA Values. Therefore, 1,4-dioxane in groundwater at the Site is likely attributable to an off-Site source.

Additionally, PFAS were detected in all groundwater samples collected and analyzed for the compounds. Significant concentrations of PFAS were not detected in on-Site soil. The low concentrations of PFAS in groundwater are likely due to the ubiquitous presence of PFAS in groundwater throughout New York City.

Soil Vapor and Sub-Slab Vapor

Petroleum-related and chlorinated VOCs were detected in on-Site soil vapor and sub-slab vapor. The source of CVOCs in soil vapor and sub-slab vapor may be from historical Site operations or from historical operations on surrounding properties.

Petroleum-related impacts were identified in soil, groundwater, soil vapor, and sub-slab vapor at the Site. The adjacent former West Chemical Company (Queens Plaza Residential Development) located upgradient of the Site is managed under a Site Management Plan (SMP) associated with the permanent Engineering Controls and Institutional Controls. The West Chemical Company operated as a chemical manufacturer from the early 1900s until 1977 and

has documented impacts to soil and groundwater. Primary contaminants at the West Chemical Company include BTEX, PAHs, naphthalene, and phenols² in soil and groundwater. Due to the close proximity of the former West Chemical Company and the direction of groundwater flow, from the east-adjacent property towards the Site, the petroleum-related impacts in soil, groundwater, soil vapor, and sub-slab vapor at the Site are likely from the former West Chemical Company.

Potential Exposure Pathways – On-Site and Off-Site

The Site is fenced and covered with asphalt, concrete, and buildings; therefore, under current conditions exposure to VOCs, SVOCs, and metals in subsurface soil is not likely. Potential exposure could occur during soil disturbing activities (e.g., utility maintenance, or future redevelopment); however, the frequency and duration of exposure is expected to be low, and would be mitigated by implementation of a CAMP and appropriate health and safety procedures.

Groundwater was encountered at depths ranging from approximately 5.65 feet to 11.0 feet below ground surface, minimizing the potential for exposure to groundwater at the Site. Additionally, groundwater was observed in slab openings and sumps in the 42-24 Orchard Street Building. Groundwater at the Site is not utilized for potable or non-potable purposes and the 42-24 Orchard Street Building is not currently occupied. Therefore, under current conditions, ingestion and absorption of contaminated groundwater do not represent significant potential exposure pathways, and for this reason, the potential for exposure to contaminated groundwater by potential receptors is currently expected to be low. There is a potential for exposure to contaminated groundwater during redevelopment and associated dewatering activities; however, the frequency and duration of potential exposure to contaminated groundwater is expected to be low, and would be mitigated by appropriate health and safety procedures.

The petroleum-related and chlorinated VOCs detected in on-Site soil vapor and sub-slab vapor could potentially result in vapor intrusion and impact the proposed future use of the Site as a residential building; therefore, the proposed building will be constructed with a vapor mitigation system (i.e., a gas vapor barrier) and a basement parking garage.

² For ease reference throughout this report the impacts from the adjacent former West Chemical Company are referred to collectively as “petroleum-related” It should be noted that the following contaminants have been documented at the adjacent former West Chemical Company: Naphthalene, 1,2,4-Trimethylbenzene and Acenaphthene

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The potential off-site migration of soil, groundwater, and/or soil vapor contaminants is not expected to result in a complete exposure pathway for current, construction and remediation, or future conditions for the following reasons:

- The Site is located in an urban area and covered with continuous impervious surface covering.
- During site remediation and construction, exposure will be mitigated by implementation of a CAMP and appropriate health and safety procedures, washing of vehicle tires and undercarriage prior to leaving the site, and implementation of a soil erosion/sediment control plan.
- The site will be redeveloped with a residential structure encompassing the entire site footprint.
- There is no pathway for ingesting groundwater COCs, since the site and surrounding areas obtain their drinking water supply from surface water reservoirs located upstate and not from groundwater.

7.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

An exposure pathway consists of five elements: (1) a contaminant source, (2) a contaminant release and transport mechanism, (3) a point of exposure, (4) a route of exposure, and (5) a receptor population. An exposure pathway is complete when all five elements of an exposure pathway are complete.

The primary contaminants of concern in soil include petroleum-related VOCs, SVOCs, metals including hazardous concentrations of leachable lead, and PCBs; in groundwater the primary contaminants of concern are VOCs (petroleum-related VOCs and 1,4-dioxane), SVOCs, metals (in filtered samples), and PFAS; and in soil vapor and sub-slab vapor the primary contaminants of concern are petroleum-related VOCs (BTEX) and chlorinated VOCs (PCE and TCE).

A qualitative exposure assessment was prepared to evaluate the potential for exposure to these parameters. The evaluation addresses both potential on-Site and off-Site health impacts associated with the Site.

Dermal contact, ingestion of soil or groundwater, or inhalation of vapors or dust represent the potential routes of exposure. Potential receptors include construction workers during demolition and redevelopment, future on-Site occupants and visitors, future on-Site maintenance workers, and off-Site residents.

Considering the future remediation and redevelopment activities and institutional and engineering controls that will restrict future use, the following exposure pathways are considered incomplete:

- **Groundwater ingestion:** Use of groundwater in this area of Queens is prohibited as a source of potable water; therefore, this exposure pathway is not complete for on-Site and off-Site residents. Also, an environmental easement will apply to groundwater, prohibiting its use.
- **Soil dermal contact by future on-Site occupants:** After completion of redevelopment activities, the remaining soil/fill material at the Site will be covered by new building(s), pavement, or clean cover material and landscaping, thereby preventing future exposure of occupants to the soil. The cover system is considered an engineering control and future inspections and maintenance activities will be performed in accordance with the Site Management Plan.

- **Inhalation of vapors by on-Site occupants:** It is anticipated that future redevelopment of the Site will include the construction of a vapor barrier below the proposed building and a basement parking garage that will minimize the potential for intrusion of VOCs into future building spaces and mitigate this exposure pathway.

The following exposure pathways are considered potentially complete:

- **Groundwater dermal contact by construction workers and future maintenance workers:** During the RI, groundwater was encountered between approximately 5.65 feet and 11.0 feet below ground surface. There is a potential for exposure to contaminated groundwater during redevelopment if a basement is incorporated into the new building design and dewatering is required; however, the frequency and duration of exposure is expected to be low.
- **Soil dermal contact by construction workers and future maintenance workers:** Potential future construction and maintenance activities (e.g., utility repairs) could result in contact with on-Site contaminated soil.
- **Inhalation of vapors and dust by construction workers and future maintenance workers:** Potential future construction and maintenance activities (e.g., utility repairs) could result in the generation of and exposure to on-Site contaminated vapors and dust.
- **Inhalation of vapors and dust by off-site residents:** Remedial alternatives and future construction activities (e.g., utility repairs) could result in the generation of contaminated vapors and dust that have the potential to migrate off-Site during construction.

For future actions associated with remedial activity, redevelopment, and maintenance, a site-specific Health and Safety Plan (HASP) and CAMP will be in place for construction/maintenance workers to minimize the potential for exposures to soil, soil vapor, or groundwater. The HASP and CAMP will establish procedures for the protection of on-Site construction/maintenance workers and off-Site residents and will address community air monitoring and dust suppression measures. Under the Brownfield Cleanup Program, a Site Management Plan (SMP) will be implemented after the completion of the remedial action to govern post-remediation soil and groundwater disturbances. As part of the implementation of the SMP, inspections and maintenance of the cover system (i.e., new building(s), pavement, clean cover material and landscaping, as applicable) will be performed.

8.0 FISH AND WILDLIFE RESOURCES IMPACT ANALYSIS

A fish and wildlife resources impact analysis was completed in general conformance with the framework of Appendix 3C of the Draft DER-10 technical guidance. Significant findings of the analysis are presented below.

The Site has been developed since the late-1800s, with little or no vegetated areas. Thus, no terrestrial wildlife resources exist on the Site itself. Further, PCBs and pesticides, bioaccumulable substances, were not found in on-site soil during the RI at concentrations that exceed the Protection of Ecological Resources SCOs.

The urban Site is not located in close proximity to a surface water body, wetland, or other ecologically significant area. Redevelopment plans for the Site include construction of a high-rise residential tower with accessory two-story parking garage and ground floor retail, and there will be no ecological resources on the Site following the redevelopment. Therefore, in accordance with DER-10 Section 3.10.1(b), further evaluation related to the Fish and Wildlife Resources Impact Analysis is not warranted.

9.0 SUMMARY AND RECOMMENDATIONS

The RI Report describes the results of remedial investigation activities that were performed at the Site and are summarized below:

- The geological and hydrogeological conditions at the Site were characterized as part of the RI. Geological data was also obtained from historic reports. The geological data from the RI indicates the principal geological units, from top to bottom, are: 1) fill material consisting of brown sand, gravel, silt, and trace building materials (i.e., brick, concrete, aggregate, asphalt, wood) from the ground surface to approximately 7 feet bgs and 2) tan to dark brown fine sand with silty clay to the terminal depths of the borings, which ranged up to 25 feet bgs. Depth to weathered bedrock and competent bedrock dips from approximately 0 feet bgs in the central portion of the Site to maximum depths of 50 feet bgs in the northern portion of the Site and 10 feet bgs in the southern portion of the Site.
- Based on the groundwater surface elevation measurements, groundwater surface elevations in the monitoring wells ranged from approximately 5.97 feet in monitoring well TRC-MW-25, located in the southwestern portion of the Site, to 4.76 feet in monitoring well TRC-MW-29, located in the northwestern portion of the Site, corresponding to approximately 5.56 feet and 11.0 feet below ground surface, respectively. Based on groundwater surface elevation measurements, groundwater at the Site flows towards the northwestern part of the Site.
- Contaminants related to historic fill include SVOCs (with the exception of naphthalene), metals, hazardous lead, and PCBs at concentrations in soil and groundwater above the RRUSCOs and Class GA Values, respectively, are related to the nature of the historic fill.
- Petroleum impacts, as evidence by odor and staining in soil and elevated naphthalene concentrations, were detected in the northwestern portion of the 42-24 Orchard Street building. Petroleum-related VOCs were detected in groundwater at concentrations above the Class GA Values. Petroleum-related VOCs were detected in soil vapor and sub-slab vapor samples across the Site. These impacts are related to the adjacent former West Chemical Company (Queens Plaza Residential Development).
- Chlorinated VOCs in soil vapor and sub-slab vapor may be from historical Site operations or from historical operations on surrounding properties.

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Based on the results of the RI, contamination at the Site has been fully characterized. A Draft Remedial Action Work Plan (RAWP), including an alternatives analysis, will be prepared and submitted to NYSDEC for review and approval. It is anticipated that the primary remedial actions to be described in the RAWP include 1) preparation and implementation of a site-specific HASP and CAMP for the remedial activities; 2) removal and off-Site disposal of soil excavated as part of the proposed redevelopment, including shallow soil which exhibits elevated concentrations of lead; 3) construction and installation of a gas vapor barrier; and, 4) implementation of a Site Management Plan (SMP) and establishment of an environmental easement. By implementing a NYSDEC approved-RAWP and SMP the proposed future redevelopment and use will be protective of human health and the environment and will render the Site suitable for use as a high-rise residential building.

10.0 REFERENCES

1. 6 NYCRR 375: New York State Department of Environmental Conservation Rules and Regulations, Remedial Program Requirements.
2. ASTM E 2600-10 “Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.”
3. Mueser Rutledge Consulting Engineers PLLC, *Geotechnical Report, 42-02 Orchard Street, Queens, NY*, February 12, 2020.
4. New York State Department of Health, “Guidance for Evaluating Soil Vapor Intrusion in the State of New York”, October 2006, as amended.
5. TRC Engineers, Inc. *Phase I Environmental Site Assessment, Orchard Street Site, 43-01 to 43-43 Queens Street and 42-2 to 42-24 Orchard Street, Block 265, Lots 1, 6, 13 and 23; Queens, New York 11101*, July 31, 2019.
6. TRC Engineers, Inc. *Limited Phase II Environmental Site Investigation Report, 43-01 to 43-43 Queens Street and 42-22 to 42-24 Orchard Street, Block 265, Lot 11, Block 265, Lots 1, 6, 13 and 23, Queens, New York 11101*, April 16, 2021.
7. TRC Engineers, Inc., *Remedial Investigation Work Plan for 42-24 Orchard Street, 43-01 to 43-43 Queens Street and 42-22 to 42-24 Orchard Street, Long Island City, Queens, NY 11101, Block 265, Lot 13*, November 2021.
8. USGS Hydraulic Conditions Maps for Long Island, NY 2016 (*Long Island Depth to Water Viewer and Groundwater Conditions on Long Island, New York in 2016*).

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TABLES

Table 1
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Air Sampling Analytical Results for
Volatile Organic Compounds

SAMPLE ID:		LOT06-SV-03		LOT06-SV-04		TRC-SV-05		TRC-SV-06		TRC-SV-08		TRC-SV-09		TRC-SV-10	
LABORATORY SAMPLE ID:		200-54811-1		200-54811-2		200-56916-1		200-56916-2		200-56916-3		L2165519-01		L2165304-01	
DATE SAMPLE COLLECTED:		8/18/2020		8/18/2020		1/14/2021		1/15/2021		1/14/2021		11/30/2021		11/29/2021	
MATRIX:		SUB SLAB VAPOR		SUB SLAB VAPOR		SOIL VAPOR		SOIL VAPOR		SUB SLAB VAPOR		SOIL VAPOR		SOIL VAPOR	
VOLATILE ORGANIC COMPOUND (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)	
NYSDOH AGVs															
1,1,1-Trichloroethane	--	5.1		65		1.1	U	1.1	U	1.1	U	134		0.109	U
1,1,2,2-Tetrachloroethane	--	2.7	U	4.1	U	1.4	U	1.4	U	1.4	U	1.37	U	0.137	U
1,1,2-Trichloroethane	--	2.2	U	3.3	U	1.1	U	1.1	U	1.1	U	1.09	U	0.109	U
1,1,2-Trichlorotrifluoroethane	--	1.3	J	28		1.5	U	1.5	U	1.5	U	NA		NA	
1,1-Dichloroethane	--	1.6	U	2.4	U	0.81	U	0.81	U	0.81	U	1.82		0.081	U
1,1-Dichloroethene	--	0.40	U	0.60	U	0.20	U	0.20	U	0.20	U	0.793	U	0.079	U
1,2,4-Trichlorobenzene	--	7.4	U	11	U	3.7	U	3.7	U	3.7	U	3.71	U	0.371	U
1,2,4-Trimethylbenzene	--	30,000		520		1.4		1.0		5.1		5.41		7.42	
1,2-Dibromoethane	--	3.1	U	4.6	U	1.5	U	1.5	U	1.5	U	1.54	U	0.154	U
1,2-Dichlorobenzene	--	2.4	U	3.6	U	1.2	U	1.2	U	1.2	U	1.20	U	0.120	U
1,2-Dichloroethane	--	1.6	U	2.4	U	0.81	U	0.81	U	0.81	U	0.809	U	0.081	U
1,2-Dichloropropane	--	1.8	U	2.8	U	0.92	U	0.92	U	0.92	U	0.924	U	0.092	U
1,2-Dichlorotetrafluoroethane	--	2.8	U	4.2	U	1.4	U	1.4	U	1.4	U	NA		NA	
1,3,5-Trimethylbenzene	--	8,200		240		0.41	J	0.25	J	1.5		1.82		2.46	
1,3-Butadiene	--	0.88	U	3.8		1.5		0.83		0.93		16.6		3.30	
1,3-Dichlorobenzene	--	2.4	U	3.6	U	1.2	U	1.2	U	1.2	U	1.20	U	0.120	U
1,4-Dichlorobenzene	--	2.4	U	3.6	U	1.2	U	1.2	U	1.2	U	1.20	U	0.120	U
1,4-Dioxane	--	36	U	54	U	18	U	18	U	18	U	3.60	U	0.360	U
2,2,4-Trimethylpentane	--	22,000		520		0.65	J	3.3		2.8		9.34	U	1.82	
2-Chlorotoluene	--	2.1	U	3.1	U	1.0	U	1.0	U	1.0	U	NA		NA	
3-Chloropropene	--	3.1	U	4.7	U	1.6	U	1.6	U	1.6	U	6.26	U	0.626	U
4-Ethyltoluene	--	6,500		170		0.64	J	0.40	J	1.5		0.983	U	2.59	
4-Isopropyltoluene	--	560		23		1.1	U	1.1	U	1.2		NA		NA	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	--	4.1	U	12		2.0	U	2.0	U	2.0	U	20.5	U	2.05	U
Acetone	--	300	J	84		18		15		110		139		94.1	
Benzene	--	510		57		1.3		0.97		2.8		4.09		3.45	
Benzyl chloride	--	2.1	U	3.1	U	1.0	U	1.0	U	1.0	U	10.4	U J	1.04	U
Bromodichloromethane	--	2.7	U	4.0	U	1.3	U	1.3	U	1.3	U	1.34	U	0.134	U
Bromoethene(Vinyl Bromide)	--	1.8	U	2.6	U	0.87	U	0.87	U	0.87	U	8.74	U	0.874	U
Bromoform	--	4.1	U	6.2	U	2.1	U	2.1	U	2.1	U	2.07	U J	0.207	U
Bromomethane	--	1.6	U	2.3	U	0.78	U	0.78	U	0.78	U	0.777	U	0.078	U
Carbon disulfide	--	2.2	J	1.7	J	3.0		1.9		2.2		10.3		35.2	
Carbon tetrachloride	--	0.40	U	0.60	U	0.40		0.38		1.7		1.26	U	0.176	
Chlorobenzene	--	1.8	U	2.8	U	0.92	U	0.92	U	0.92	U	4.61	U	0.461	U
Chlorodifluoromethane	--	2.0	J	6.9		66		1.9		1.4	J	NA		NA	
Chloroethane	--	2.6	U	3.9	U	1.3	U	1.3	U	1.3	U	2.64	U	0.264	U

Table 1
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Air Sampling Analytical Results for
 Volatile Organic Compounds

SAMPLE ID:		LOT06-SV-03		LOT06-SV-04		TRC-SV-05		TRC-SV-06		TRC-SV-08		TRC-SV-09		TRC-SV-10	
LABORATORY SAMPLE ID:		200-54811-1		200-54811-2		200-56916-1		200-56916-2		200-56916-3		L2165519-01		L2165304-01	
DATE SAMPLE COLLECTED:		8/18/2020		8/18/2020		1/14/2021		1/15/2021		1/14/2021		11/30/2021		11/29/2021	
MATRIX:		SUB SLAB VAPOR		SUB SLAB VAPOR		SOIL VAPOR		SOIL VAPOR		SUB SLAB VAPOR		SOIL VAPOR		SOIL VAPOR	
VOLATILE ORGANIC COMPOUND (µg/m³)	NYSDOH AGVs	Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)	
Chloroform	--	280		46		0.53	J	0.24	J	0.94	J	2.25		0.542	
Chloromethane	--	2.1	U	1.4	J	0.56	J	0.47	J	1.5		4.13	U	0.580	
cis-1,2-Dichloroethene	--	0.40	U	0.60	U	0.20	U	0.20	U	0.20	U	0.793	U	0.079	U
cis-1,3-Dichloropropene	--	1.8	U	2.7	U	0.91	U	0.91	U	0.91	U	0.908	U	0.091	U
Cumene	--	1,300		53		0.98	U	0.98	U	0.21	J	NA		NA	
Cyclohexane	--	1,800		73		1.3		1.8		26		20.9		6.13	
Dibromochloromethane	--	3.4	U	5.1	U	1.7	U	1.7	U	1.7	U	1.70	U	0.170	U
Dichlorodifluoromethane	--	2.0	J	2.5	J	3.4		2.8		2.8		9.89	U	2.00	
Ethanol	--	NA		NA		NA		NA		NA		94.2	U	25.1	
Ethyl Acetate	--	NA		NA		NA		NA		NA		18	U	1.80	U
Ethylbenzene	--	7,600		270		1.7		1.4		3.0		5.52		17.9	
Freon-113	--	NA		NA		NA		NA		NA		37.0		0.483	
Freon-114	--	NA		NA		NA		NA		NA		3.49	U	0.349	U
Heptane	--	NA		NA		NA		NA		NA		236		4.18	
Hexachlorobutadiene	--	4.3	U	6.4	U	2.1	U	2.1	U	2.1	U	5.33	U	0.533	U
Isopropyl alcohol	--	25	U	6.4	J	3.4	J	3.6	J	7.4	J	12.3	U	6.98	
m,p-Xylene	--	31,000		950		5.3		4.1		9.2		20.7		50.8	
Methyl Butyl Ketone (2-Hexanone)	--	4.1	U	6.1	U	2.0	U	2.0	U	2.0	U	19.7		0.820	U
Methyl Ethyl Ketone (2-Butanone)	--	30		25		1.3	J	1.2	J	5.1		8.20	U	10.6	
Methyl methacrylate	--	4.1	U	6.1	U	2.0	U	2.0	U	0.96	J	NA		NA	
Methyl tert-butyl ether	--	1.4	U	3.6		0.72	U	0.72	U	0.72	U	7.21	U	0.721	U
Methylene Chloride	60	3.1	J	5.1		4.6		14		2.2		17.4	U	1.74	U
Naphthalene	--	1,000		230		2.6	U	1.4	J	2.6	U	2.62	U	0.262	U
n-Butane	--	58	J	17		21		5.8		20		NA		NA	
n-Butylbenzene	--	2,200		65		1.1	U	1.1	U	1.1	U	NA		NA	
n-Heptane	--	7,600		220		1.4		2.1		3.8		NA		NA	
n-Hexane	--	2,600		110		5.4		13		50		670		7.37	
n-Propylbenzene	--	4,600		120		0.38	J	0.32	J	0.86	J	NA		NA	
o-Xylene	--	14,000		440		1.6		1.5		2.5		12.8		16.6	
sec-Butylbenzene	--	750		28		1.1	U	1.1	U	1.1	U	NA		NA	
Styrene	--	1.7	U	2.5	U	0.85	U	0.85	U	0.25	J	0.852	U	0.677	
tert-Butyl alcohol	--	30	U	23	J	2.2	J	1.1	J	0.82	J	15.2	U	1.52	
tert-Butylbenzene	--	2.2	U	3.3	U	1.1	U	1.1	U	1.1	U	NA		NA	
Tetrachloroethene	30	46		240		46		28		9.7		11.1		0.610	
Tetrahydrofuran	--	29	U	44	U	15	U	15	U	15	U	14.7	U	5.16	
Toluene	--	12,000		450		4.5		5.7		59		14.1		13.3	
trans-1,2-Dichloroethene	--	1.6	U	2.4	U	0.79	U	0.79	U	0.79	U	0.793	U	0.079	U

Table 1
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Air Sampling Analytical Results for
Volatile Organic Compounds

SAMPLE ID:		LOT06-SV-03		LOT06-SV-04		TRC-SV-05		TRC-SV-06		TRC-SV-08		TRC-SV-09		TRC-SV-10		
LABORATORY SAMPLE ID:		200-54811-1		200-54811-2		200-56916-1		200-56916-2		200-56916-3		L2165519-01		L2165304-01		
DATE SAMPLE COLLECTED:		8/18/2020		8/18/2020		1/14/2021		1/15/2021		1/14/2021		11/30/2021		11/29/2021		
MATRIX:		SUB SLAB VAPOR		SUB SLAB VAPOR		SOIL VAPOR		SOIL VAPOR		SUB SLAB VAPOR		SOIL VAPOR		SOIL VAPOR		
VOLATILE ORGANIC COMPOUND (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		
NYSDOH AGVs																
trans-1,3-Dichloropropene		--	1.8	U	2.7	U	0.91	U	0.91	U	0.91	U	0.908	U	0.091	U
Trichloroethene		2	0.40	U	0.60	U	1.2		0.32		3.2		1.07	U	0.107	U
Trichlorofluoromethane		--	5.3		33		1.4		1.2		1.4		2.81	U	1.10	
Vinyl chloride		--	0.40	U	0.60	U	0.20	U	0.20	U	0.20	U	0.588		0.130	

Notes:
µg/m³ - Micrograms per cubic meter
NA - Not Analyzed
NYSDOH Soil Vapor Intrusion (SVI) Matrices apply to compounds on shaded rows (Matrix A - Blue, Matrix B - Orange, Matrix C - Green) - only applies to samples TRC-SSV/IA-01, TRC-SSV/IA-02, and TRC-SSV/IA-03.
J - Estimated value
U - Non-detect

Table 1
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Air Sampling Analytical Results for
 Volatile Organic Compounds

SAMPLE ID:		TRC-SV-13		TRC-SSV-01		TRC-IA-01		TRC-SSV-02		TRC-IA-02		TRC-SSV-03		TRC-IA-03	
LABORATORY SAMPLE ID:		200-57033-1		L2165944-01		L2165944-02		L2165944-03		L2165944-04		L2165944-05		L2165944-06	
DATE SAMPLE COLLECTED:		1/28/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021	
MATRIX:		SUB SLAB VAPOR		SUB SLAB VAPOR		INDOOR AIR		SUB SLAB VAPOR		INDOOR AIR		SUB SLAB VAPOR		INDOOR AIR	
VOLATILE ORGANIC COMPOUND (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)	
NYSDOH AGVs															
1,1,1-Trichloroethane	--	1.1	U	0.960		0.109	U	1.74		0.109	U	0.218		0.109	U
1,1,2,2-Tetrachloroethane	--	1.4	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
1,1,2-Trichloroethane	--	1.1	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
1,1,2-Trichlorotrifluoroethane	--	1.5	U	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	--	0.81	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U
1,1-Dichloroethene	--	0.20	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
1,2,4-Trichlorobenzene	--	3.7	U	0.371	U	0.371	U	0.371	U	0.371	U	0.371	U	0.371	U
1,2,4-Trimethylbenzene	--	2.3		6.78		1.34		7.77		2.06		7.47		0.787	
1,2-Dibromoethane	--	1.5	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U
1,2-Dichlorobenzene	--	1.2	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
1,2-Dichloroethane	--	0.81	U	0.081	U	0.081	U	0.081	U	0.081	U	0.271		0.081	U
1,2-Dichloropropane	--	0.92	U	0.092	U	0.092	U	0.092	U	0.092	U	0.217		0.092	U
1,2-Dichlorotetrafluoroethane	--	1.4	U	NA		NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene	--	1.4		1.87		0.320		2.10		0.575		2.03		0.216	
1,3-Butadiene	--	0.69		1.67		0.044		0.195		0.064		0.697		0.044	U
1,3-Dichlorobenzene	--	1.2	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
1,4-Dichlorobenzene	--	1.2	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
1,4-Dioxane	--	18	U	0.360	U	0.360	U	0.360	U	0.360	U	0.360	U	0.360	U
2,2,4-Trimethylpentane	--	5.8		0.934	U	4.16		3.81		4.11		0.934	U	3.08	
2-Chlorotoluene	--	1.0	U	NA		NA		NA		NA		NA		NA	
3-Chloropropene	--	1.6	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
4-Ethyltoluene	--	0.71	J	1.54		0.413		1.76		0.526		1.51		0.216	
4-Isopropyltoluene	--	350		NA		NA		NA		NA		NA		NA	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	--	4.4		2.05	U J	5.86	J	2.05	U J	2.05	U J	2.05	U J	2.05	U J
Acetone	--	75		39.7		30.6		58.9		17.4		93.1		4.99	
Benzene	--	4.5		2.26		0.607		1.12		0.585		1.20		0.502	
Benzyl chloride	--	1.0	U	1.04	U J	1.04	U J	1.04	U J	1.04	U J	1.04	U J	1.04	U J
Bromodichloromethane	--	1.3	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
Bromoethene(Vinyl Bromide)	--	0.87	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
Bromoform	--	2.1	U	0.207	U J	0.207	U J	0.207	U J	0.207	U J	0.207	U J	0.207	U J
Bromomethane	--	0.78	U	0.078	U	0.078	U	0.078	U	0.078	U	0.078	U	0.078	U
Carbon disulfide	--	170		1.83		0.623	U	0.953		0.623	U	3.43		0.623	U
Carbon tetrachloride	--	0.22	U	0.315		0.541		0.629		0.560		0.403		0.547	
Chlorobenzene	--	1.3		0.461	U	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U
Chlorodifluoromethane	--	2.3		NA		NA		NA		NA		NA		NA	
Chloroethane	--	1.3	U	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U

Table 1
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Air Sampling Analytical Results for
 Volatile Organic Compounds

SAMPLE ID:		TRC-SV-13		TRC-SSV-01		TRC-IA-01		TRC-SSV-02		TRC-IA-02		TRC-SSV-03		TRC-IA-03	
LABORATORY SAMPLE ID:		200-57033-1		L2165944-01		L2165944-02		L2165944-03		L2165944-04		L2165944-05		L2165944-06	
DATE SAMPLE COLLECTED:		1/28/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021	
MATRIX:		SUB SLAB VAPOR		SUB SLAB VAPOR		INDOOR AIR		SUB SLAB VAPOR		INDOOR AIR		SUB SLAB VAPOR		INDOOR AIR	
VOLATILE ORGANIC COMPOUND (µg/m³)	NYSDOH AGVs	Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)	
Chloroform	--	1.3		13.6		0.132		4.31		0.132		0.566		0.098	U
Chloromethane	--	1.5		0.413	U	1.08		0.415		1.06		0.679		1.08	
cis-1,2-Dichloroethene	--	0.20	U	0.436		0.079	U	0.079	U	0.079	U	0.079		0.079	U
cis-1,3-Dichloropropene	--	0.91	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
Cumene	--	0.98	U	NA		NA		NA		NA		NA		NA	
Cyclohexane	--	11		2.82		0.757		1.08		0.881		0.688	U	0.688	U
Dibromochloromethane	--	1.7	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U
Dichlorodifluoromethane	--	2.8		2.29		2.20		2.46		2.17		2.06		2.22	
Ethanol	--	NA		9.42	U	322		9.42	U	23.6		17.3		9.42	U
Ethyl Acetate	--	NA		1.80	U	107		15.9		145		1.80	U	1.80	U
Ethylbenzene	--	3.2		37.1		31		27.2		51.3		3.73		0.908	
Freon-113	--	NA		2.57		0.475		2.42		0.491		0.483		0.475	
Freon-114	--	NA		0.349	U	0.349	U	0.349	U	0.349	U	0.349	U	0.349	U
Heptane	--	NA		14.3		19.3		10.1		23.8		2.00		1.28	
Hexachlorobutadiene	--	2.1	U	0.533	U	0.533	U	0.533	U	0.533	U	0.533	U	0.533	U
Isopropyl alcohol	--	11	J	1.23	U	7.89		1.66		7.79		2.48		1.49	
m,p-Xylene	--	10		133		100		84.3		175		17.2		3.13	
Methyl Butyl Ketone (2-Hexanone)	--	4.2		0.820	U J	0.820	U J	0.820	U J	0.820	U J	1.02	U J	0.820	U J
Methyl Ethyl Ketone (2-Butanone)	--	44		4.31		36.6		10.9		52.5		13.0		1.47	U
Methyl methacrylate	--	2.0	U	NA		NA		NA		NA		NA		NA	
Methyl tert-butyl ether	--	0.72	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
Methylene Chloride	60	2.6		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U
Naphthalene	--	2.6	U	0.461		0.262	U	0.477		0.262	U	0.398		0.262	U
n-Butane	--	22		NA		NA		NA		NA		NA		NA	
n-Butylbenzene	--	1.1	U	NA		NA		NA		NA		NA		NA	
n-Heptane	--	9.6		NA		NA		NA		NA		NA		NA	
n-Hexane	--	12		3.03		0.705	U	3.22		0.705	U	1.53		1.44	
n-Propylbenzene	--	0.60	J	NA		NA		NA		NA		NA		NA	
o-Xylene	--	4.8		48.2		19.2		28.7		35.1		7.21		0.873	
sec-Butylbenzene	--	1.1	U	NA		NA		NA		NA		NA		NA	
Styrene	--	1.1		0.396		0.115		0.600		0.251		0.417		0.085	U
tert-Butyl alcohol	--	12	J	1.52	U	1.52	U	1.52	U	1.52	U	1.52	U	1.52	U
tert-Butylbenzene	--	1.1	U	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	30	33.0		49.0		0.136	U	66.3		0.149		3.19		0.136	U
Tetrahydrofuran	--	1.3	J	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U
Toluene	--	13		11.7		75.7		47.9		112		11.5		2.11	
trans-1,2-Dichloroethene	--	2.4		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U

Table 1
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Air Sampling Analytical Results for
Volatile Organic Compounds

SAMPLE ID:		TRC-SV-13		TRC-SSV-01		TRC-IA-01		TRC-SSV-02		TRC-IA-02		TRC-SSV-03		TRC-IA-03		
LABORATORY SAMPLE ID:		200-57033-1		L2165944-01		L2165944-02		L2165944-03		L2165944-04		L2165944-05		L2165944-06		
DATE SAMPLE COLLECTED:		1/28/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		
MATRIX:		SUB SLAB VAPOR		SUB SLAB VAPOR		INDOOR AIR		SUB SLAB VAPOR		INDOOR AIR		SUB SLAB VAPOR		INDOOR AIR		
VOLATILE ORGANIC COMPOUND (µg/m³)		NYSDOH AGVs		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		
trans-1,3-Dichloropropene		--	0.91	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
Trichloroethene		2	1.2		139		0.107	U	2.29		0.107	U	0.946		0.107	U
Trichlorofluoromethane		--	1.4		3.52		1.46		3.77		1.53		1.19		1.30	
Vinyl chloride		--	0.20	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U

Notes:
µg/m³ - Micrograms per cubic meter
NA - Not Analyzed
NYSDOH Soil Vapor Intrusion (SVI) Matrices apply to compounds on shaded rows (Matrix A - Blue, Matrix B - Orange, Matrix C - Green) - only applies to samples TRC-SSV/IA-01, TRC-SSV/IA-02, and TRC-SSV/IA-03.
J - Estimated value
U - Non-detect

Table 1
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Air Sampling Analytical Results for
 Volatile Organic Compounds

SAMPLE ID:		TRC-IA-04		TRC-IA-05		TRC-IA-06		TRC-IA-07		TRC-AA	
LABORATORY SAMPLE ID:		L2164635-01		L2164635-02		L2164635-03		L2164635-04		L2165304-02	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/29/2021	
MATRIX:		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		AMBIENT AIR	
VOLATILE ORGANIC COMPOUND (µg/m³)	NYSDOH AGVs	Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)	
1,1,1-Trichloroethane	--	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
1,1,2,2-Tetrachloroethane	--	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
1,1,2-Trichloroethane	--	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
1,1,2-Trichlorotrifluoroethane	--	NA		NA		NA		NA		NA	
1,1-Dichloroethane	--	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U
1,1-Dichloroethene	--	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
1,2,4-Trichlorobenzene	--	0.371	U	0.371	U	0.371	U	0.371	U	0.371	U
1,2,4-Trimethylbenzene	--	0.939		0.708		0.959		1.49		0.216	
1,2-Dibromoethane	--	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U
1,2-Dichlorobenzene	--	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
1,2-Dichloroethane	--	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U
1,2-Dichloropropane	--	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
1,2-Dichlorotetrafluoroethane	--	NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene	--	0.383		0.256		0.285		0.580		0.098	U
1,3-Butadiene	--	0.091		0.066		0.082		0.071		0.077	
1,3-Dichlorobenzene	--	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
1,4-Dichlorobenzene	--	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
1,4-Dioxane	--	0.360	U	0.360	U	0.360	U	0.360	U	0.360	U
2,2,4-Trimethylpentane	--	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U
2-Chlorotoluene	--	NA		NA		NA		NA		NA	
3-Chloropropene	--	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
4-Ethyltoluene	--	0.241		0.177		0.270		0.408		0.098	U
4-Isopropyltoluene	--	NA		NA		NA		NA		NA	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	--	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
Acetone	--	16.1		24.0		17.6		35.4		3.21	
Benzene	--	0.773		0.572		0.578		0.604		0.597	
Benzyl chloride	--	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
Bromodichloromethane	--	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
Bromoethene(Vinyl Bromide)	--	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
Bromoform	--	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U
Bromomethane	--	0.078	U	0.078	U	0.078	U	0.078	U	0.078	U
Carbon disulfide	--	0.623	U	0.623	U	0.623	U	0.623	U	0.623	U
Carbon tetrachloride	--	0.415		0.421		0.396		0.434		0.415	
Chlorobenzene	--	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U
Chlorodifluoromethane	--	NA		NA		NA		NA		NA	
Chloroethane	--	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U

Table 1
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Air Sampling Analytical Results for
Volatile Organic Compounds

SAMPLE ID:		TRC-IA-04		TRC-IA-05		TRC-IA-06		TRC-IA-07		TRC-AA	
LABORATORY SAMPLE ID:		L2164635-01		L2164635-02		L2164635-03		L2164635-04		L2165304-02	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/29/2021	
MATRIX:		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		AMBIENT AIR	
VOLATILE ORGANIC COMPOUND (µg/m³)	NYSDOH AGVs	Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)	
Chloroform	--	0.635		0.366		0.327		0.259		0.112	
Chloromethane	--	1.08		1.04		1.11		1.09		1.00	
cis-1,2-Dichloroethene	--	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
cis-1,3-Dichloropropene	--	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
Cumene	--	NA		NA		NA		NA		NA	
Cyclohexane	--	0.943		1.23		0.936		0.895		0.688	U
Dibromochloromethane	--	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U
Dichlorodifluoromethane	--	2.00		1.98		2.20		2.08		1.93	
Ethanol	--	9.42		15.0		14.4		12.7		9.42	U
Ethyl Acetate	--	1.80	U	2.17		1.80	U	2.91		1.80	U
Ethylbenzene	--	12.3		13.6		14.5		24.3		0.226	
Freon-113	--	0.498		0.491		0.560		0.491		0.552	
Freon-114	--	0.349	U	0.349	U	0.349	U	0.349	U	0.349	U
Heptane	--	1.19		1.86		1.62		2.90		0.820	U
Hexachlorobutadiene	--	0.533	U	0.533	U	0.533	U	0.533	U	0.533	U
Isopropyl alcohol	--	2.18		2.37		2.68		2.43		1.56	
m,p-Xylene	--	48.6		54.7		59.1		96.9		0.660	
Methyl Butyl Ketone (2-Hexanone)	--	0.82	U	0.820	U	0.82	U	0.820	U	0.820	U
Methyl Ethyl Ketone (2-Butanone)	--	2.09		3.80		2.98		5.72		1.47	U
Methyl methacrylate	--	NA		NA		NA		NA		NA	
Methyl tert-butyl ether	--	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
Methylene Chloride	60	1.74	U	1.74	U	1.74	U	1.74	U	2.95	
Naphthalene	--	2.25		0.498		0.603		0.388		0.262	U
n-Butane	--	NA		NA		NA		NA		NA	
n-Butylbenzene	--	NA		NA		NA		NA		NA	
n-Heptane	--	NA		NA		NA		NA		NA	
n-Hexane	--	0.765		1.33		1.02		1.09		0.705	U
n-Propylbenzene	--	NA		NA		NA		NA		NA	
o-Xylene	--	13.5		15.0		0.087	U	26.4		0.248	
sec-Butylbenzene	--	NA		NA		NA		NA		NA	
Styrene	--	0.153		0.204		0.175		0.349		0.085	U
tert-Butyl alcohol	--	1.52	U	1.52	U	1.52	U	1.52	U	1.52	U
tert-Butylbenzene	--	NA		NA		NA		NA		NA	
Tetrachloroethene	30	0.441		0.407		0.434		1.57		0.136	
Tetrahydrofuran	--	1.47	U	1.47	U	1.47	U	1.69		1.47	U
Toluene	--	3.53		5.09		4.15		5.20		1.50	
trans-1,2-Dichloroethene	--	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U

Table 1
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Air Sampling Analytical Results for
Volatile Organic Compounds

SAMPLE ID:		TRC-IA-04		TRC-IA-05		TRC-IA-06		TRC-IA-07		TRC-AA	
LABORATORY SAMPLE ID:		L2164635-01		L2164635-02		L2164635-03		L2164635-04		L2165304-02	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/29/2021	
MATRIX:		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		AMBIENT AIR	
VOLATILE ORGANIC COMPOUND (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)		Result (µg/m³)	
	NYSDOH AGVs										
trans-1,3-Dichloropropene	--	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
Trichloroethene	2	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U
Trichlorofluoromethane	--	1.03		1.01		1.07		1.09		0.967	
Vinyl chloride	--	0.051		0.051	U	0.051	U	0.051	U	0.051	U

Notes:
µg/m³ - Micrograms per cubic meter
NA - Not Analyzed
NYSDOH Soil Vapor Intrusion (SVI) Matrices apply to compounds on shaded rows (Matrix A - Blue, Matrix B - Orange, Matrix C - Green) - only applies to samples TRC-SSV/IA-01, TRC-SSV/IA-02, and TRC-SSV/IA-03.
J - Estimated value
U - Non-detect

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-05 (0-2)		TRC-SB-05 (6-8)		TRC-SB-06 (0-2)		TRC-SB-06 (4-6)		TRC-SB-07 (0-2)		TRC-SB-07 (9-11)		TRC-SB-08 (0-2)		TRC-SB-08 (7-9)	
LABORATORY SAMPLE ID:			460-226524-1		460-226524-2		460-226524-3		460-226524-4		460-226524-7		460-226524-8		460-226591-4		460-226591-5	
DATE SAMPLE COLLECTED:			1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/15/2021		1/15/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,1,2-Trichloroethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,1-Dichloroethane	26	0.27	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,1-Dichloroethene	100	0.33	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,2,3-Trichlorobenzene	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,2,4-Trichlorobenzene	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,2,4-Trimethylbenzene	52	3.6	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,2-Dibromo-3-Chloropropane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,2-Dichlorobenzene	100	1.1	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,2-Dichloroethane	3.1	0.02	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,2-Dichloropropane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,3,5-Trimethylbenzene	52	8.4	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,3-Dichlorobenzene	49	2.4	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,4-Dichlorobenzene	13	1.8	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
1,4-Dioxane	13	0.1	0.025	U	0.021	U	0.023	U	0.023	U	0.025	U	0.020	U	0.021	U	0.056	U
2-Butanone (MEK)	100	0.12	0.0063	U	0.0053	U	0.0057	U	0.0058	U	0.0062	U	0.0050	U	0.0053	U	0.014	U
2-Hexanone	NC	NC	0.0063	U	0.0053	U	0.0057	U	0.0058	U	0.0062	U	0.0050	U	0.0053	U	0.014	U
4-Isopropyltoluene	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0063	U	0.0053	U	0.0057	U	0.0058	U	0.0062	U	0.0050	U	0.0053	U	0.014	U
Acetone	100	0.05	0.0075	U	0.0064	U	0.0068		0.0069	U	0.0075	U	0.0061	U	0.015		0.017	U
Benzene	4.8	0.06	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Bromoform	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Bromomethane	NC	NC	0.0025	U	0.0021	U	0.0023	U	0.0023	U	0.0025	U	0.0020	U	0.0021	U	0.0056	U
Carbon disulfide	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Carbon tetrachloride	2.4	0.76	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Chlorobenzene	100	1.1	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Chlorobromomethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Chlorodibromomethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Chloroethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Chloroform	49	0.37	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Chloromethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
cis-1,2-Dichloroethene	100	0.25	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
cis-1,3-Dichloropropene	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Cyclohexane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Dichlorobromomethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Dichlorodifluoromethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Ethylbenzene	41	1	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Ethylene Dibromide	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
Isopropylbenzene	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-05 (0-2)		TRC-SB-05 (6-8)		TRC-SB-06 (0-2)		TRC-SB-06 (4-6)		TRC-SB-07 (0-2)		TRC-SB-07 (9-11)		TRC-SB-08 (0-2)		TRC-SB-08 (7-9)		
LABORATORY SAMPLE ID:			460-226524-1		460-226524-2		460-226524-3		460-226524-4		460-226524-7		460-226524-8		460-226591-4		460-226591-5		
DATE SAMPLE COLLECTED:			1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/15/2021		1/15/2021		
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		
	Methyl acetate	NC	NC	0.0063	U	0.0053	U	0.0057	U	0.0058	U	0.0062	U	0.0050	U	0.0053	U	0.014	U
	Methyl tert-butyl ether	100	0.93	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	Methylcyclohexane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	Methylene Chloride	100	0.05	0.0025	U	0.0021	U	0.0023	U	0.0023	U	0.0025	U	0.0020	U	0.0021	U	0.0056	U
	m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	Naphthalene	100	12	0.0019	U	0.0016	U	0.0017	U	0.0017	U	0.0019	U	0.0015	U	0.0016	U	0.0042	U
	N-Butylbenzene	100	12	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	N-Propylbenzene	100	3.9	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	o-Xylene ⁽¹⁾	100	1.6	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	sec-Butylbenzene	100	11	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	Styrene	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	tert-Butylbenzene	100	5.9	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	Tetrachloroethene	19	1.3	0.00051	J	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	Toluene	100	0.7	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	trans-1,2-Dichloroethene	100	0.19	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	trans-1,3-Dichloropropene	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	Trichloroethene	21	0.47	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.00035	J	0.0028	U
	Trichlorofluoromethane	NC	NC	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	Vinyl Chloride	0.9	0.02	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0010	U	0.0011	U	0.0028	U
	Xylenes, Total	100	1.6	0.0025	U	0.0021	U	0.0023	U	0.0023	U	0.0025	U	0.0020	U	0.0021	U	0.0056	U

Notes

⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.

mg/kg - milligrams per kilogram

NA - Not analyzed

NC - No criterion

SCO - Soil Cleanup Objective

Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.

TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).

TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).

TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).

U - Non-detect

J - Estimated value

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-09 (0-2)		TRC-SB-10 (0-2)		TRC-SB-11 (0-2)		TRC-SB-11 (4-6)		TRC-SB-12 (3-5)		TRC-SB-12 (10-12)		TRC-SB-13 (0-2)		TRC-SB-13 (6-8)	
LABORATORY SAMPLE ID:			460-226591-9		460-226591-6		460-227322-7		460-227322-8		460-227322-5		460-227322-6		460-227322-1		460-227322-2	
DATE SAMPLE COLLECTED:			1/15/2021		1/15/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.0013	U	0.68	U J	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,1,2-Trichloroethane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,1-Dichloroethane	26	0.27	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,1-Dichloroethene	100	0.33	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,2,3-Trichlorobenzene	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,2,4-Trichlorobenzene	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,2,4-Trimethylbenzene	52	3.6	0.0013	U	17		0.0017	U	0.0012	U	0.0018	J	0.0011	U	0.0013	U	0.0012	U
1,2-Dibromo-3-Chloropropane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,2-Dichlorobenzene	100	1.1	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,2-Dichloroethane	3.1	0.02	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,2-Dichloropropane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,3,5-Trimethylbenzene	52	8.4	0.0013	U	6.2		0.0017	U	0.0012	U	0.00094	J	0.0011	U	0.0013	U	0.0012	U
1,3-Dichlorobenzene	49	2.4	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,4-Dichlorobenzene	13	1.8	0.0013	U	0.58	J	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
1,4-Dioxane	13	0.1	0.025	U	34	U	0.033	U	0.023	U	0.051	U	0.021	U	0.027	U	0.024	U
2-Butanone (MEK)	100	0.12	0.0063	U	3.4	U	0.0084	U	0.0058	U	0.013	U	0.0054	U	0.0067	U	0.0059	U
2-Hexanone	NC	NC	0.0063	U	3.4	U	0.0084	U	0.0058	U	0.013	U	0.0054	U	0.0067	U	0.0059	U
4-Isopropyltoluene	NC	NC	0.0013	U	31		0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0063	U	3.4	U	0.0084	U	0.0058	U	0.013	U	0.0054	U	0.0067	U	0.0059	U
Acetone	100	0.05	0.0075	U	3.4	U	0.010	U	0.012		0.020		0.0064	U	0.0081	U	0.036	
Benzene	4.8	0.06	0.0013	U	0.30	J	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Bromoform	NC	NC	0.0013	U	0.68	U	0.0017	U J	0.0012	U J	0.0026	U J	0.0011	U J	0.0013	U J	0.0012	U
Bromomethane	NC	NC	0.0025	U	0.68	U J	0.0033	U	0.0023	U	0.0051	U	0.0021	U	0.0027	U	0.0024	U
Carbon disulfide	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Carbon tetrachloride	2.4	0.76	0.0013	U	0.68	U	0.0017	U J	0.0012	U J	0.0026	U J	0.0011	U J	0.0013	U J	0.0012	U J
Chlorobenzene	100	1.1	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Chlorobromomethane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Chlorodibromomethane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Chloroethane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Chloroform	49	0.37	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Chloromethane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
cis-1,2-Dichloroethene	100	0.25	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
cis-1,3-Dichloropropene	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Cyclohexane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Dichlorobromomethane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Dichlorodifluoromethane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Ethylbenzene	41	1	0.0013	U	2.0		0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Ethylene Dibromide	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
Isopropylbenzene	NC	NC	0.0013	U	2.2		0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-09 (0-2)		TRC-SB-10 (0-2)		TRC-SB-11 (0-2)		TRC-SB-11 (4-6)		TRC-SB-12 (3-5)		TRC-SB-12 (10-12)		TRC-SB-13 (0-2)		TRC-SB-13 (6-8)		
LABORATORY SAMPLE ID:			460-226591-9		460-226591-6		460-227322-7		460-227322-8		460-227322-5		460-227322-6		460-227322-1		460-227322-2		
DATE SAMPLE COLLECTED:			1/15/2021		1/15/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		
	Methyl acetate	NC	NC	0.0063	U	1.1	J	0.0084	U	0.0058	U	0.013	U	0.0054	U	0.0067	U	0.0059	U
	Methyl tert-butyl ether	100	0.93	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	Methylcyclohexane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	Methylene Chloride	100	0.05	0.0025	U	0.68	U	0.0033	U	0.0023	U	0.0051	U	0.0021	U	0.0027	U	0.0024	U
	m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.0013	U	3.4		0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	Naphthalene	100	12	0.0019	U	250		0.0025	U	0.0017	U	0.41		0.0016	U	0.0045		0.0018	U
	N-Butylbenzene	100	12	0.0013	U	1.0		0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	N-Propylbenzene	100	3.9	0.0013	U	1.2		0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	o-Xylene ⁽¹⁾	100	1.6	0.0013	U	1.4		0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	sec-Butylbenzene	100	11	0.0013	U	0.36		0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	Styrene	NC	NC	0.0013	U	0.68	J	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	tert-Butylbenzene	100	5.9	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	Tetrachloroethene	19	1.3	0.0014		0.68	U	0.00064	J	0.0012	U	0.0014	J	0.0011	U	0.0013	U	0.0012	U
	Toluene	100	0.7	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	trans-1,2-Dichloroethene	100	0.19	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	trans-1,3-Dichloropropene	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	Trichloroethene	21	0.47	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	Trichlorofluoromethane	NC	NC	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	Vinyl Chloride	0.9	0.02	0.0013	U	0.68	U	0.0017	U	0.0012	U	0.0026	U	0.0011	U	0.0013	U	0.0012	U
	Xylenes, Total	100	1.6	0.0025	U	4.8		0.0033	U	0.0023	U	0.0051	U	0.0021	U	0.0027	U	0.0024	U

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-14 (0-2)		TRC-SB-14 (8-10)		TRC-SB-15 (0-2)		TRC-SB-15 (9-11)		TRC-SB-16 (0-2)		TRC-SB-17 (0-2)		TRC-SB-17 (6-8)		TRC-SB-18 (0-2)	
LABORATORY SAMPLE ID:			460-227322-3		460-227322-4		460-226524-5		460-226524-6		460-226591-8		460-228242-1		460-228242-2		460-226591-7	
DATE SAMPLE COLLECTED:			1/27/2021		1/27/2021		1/14/2021		1/14/2021		1/15/2021		2/15/2021		2/15/2021		1/15/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.00058	J	0.00099	U	0.00098	U	0.0022	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,1,2-Trichloroethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,1-Dichloroethane	26	0.27	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,1-Dichloroethene	100	0.33	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,2,3-Trichlorobenzene	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.00045	J	0.00099	U	0.00098	U	0.0022	U
1,2,4-Trichlorobenzene	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,2,4-Trimethylbenzene	52	3.6	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.00049	J	0.00099	U	0.00098	U	0.075	
1,2-Dibromo-3-Chloropropane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,2-Dichlorobenzene	100	1.1	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0014	J
1,2-Dichloroethane	3.1	0.02	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,2-Dichloropropane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,3,5-Trimethylbenzene	52	8.4	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.024	
1,3-Dichlorobenzene	49	2.4	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
1,4-Dichlorobenzene	13	1.8	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0014	J
1,4-Dioxane	13	0.1	0.044	U	0.019	U	0.021	U	0.023	U	0.026	U	0.020	U	0.020	U	0.043	U
2-Butanone (MEK)	100	0.12	0.011	U	0.0049	U	0.0053	U	0.0058	U	0.0065	U	0.0050	U	0.0049	U	0.011	U
2-Hexanone	NC	NC	0.011	U	0.0049	U	0.0053	U	0.0058	U	0.0065	U	0.0050	U	0.0049	U	0.011	U
4-Isopropyltoluene	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.00053	J	0.00099	U	0.00098	U	0.14	
4-Methyl-2-pentanone (MIBK)	NC	NC	0.011	U	0.0049	U	0.0053	U	0.0058	U	0.0065	U	0.0050	U	0.0049	U	0.011	U
Acetone	100	0.05	0.013	U	0.0058	U	0.010		0.0075		0.017		0.0059	U	0.0059	U	0.026	
Benzene	4.8	0.06	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.00042	J	0.00099	U	0.00098	U	0.0022	U
Bromoform	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U J	0.00098	U J	0.0022	U
Bromomethane	NC	NC	0.0044	U	0.0019	U	0.0021	U	0.0023	U	0.0026	U	0.0020	U	0.0020	U	0.0043	U
Carbon disulfide	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0025		0.00099	U	0.00098	U	0.0014	J
Carbon tetrachloride	2.4	0.76	0.0022	U J	0.00097	U J	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Chlorobenzene	100	1.1	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Chlorobromomethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Chlorodibromomethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Chloroethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Chloroform	49	0.37	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Chloromethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
cis-1,2-Dichloroethene	100	0.25	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
cis-1,3-Dichloropropene	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Cyclohexane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Dichlorobromomethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Dichlorodifluoromethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Ethylbenzene	41	1	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0010	J
Ethylene Dibromide	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Isopropylbenzene	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.00052	J	0.00099	U	0.00098	U	0.0035	

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-14 (0-2)		TRC-SB-14 (8-10)		TRC-SB-15 (0-2)		TRC-SB-15 (9-11)		TRC-SB-16 (0-2)		TRC-SB-17 (0-2)		TRC-SB-17 (6-8)		TRC-SB-18 (0-2)	
LABORATORY SAMPLE ID:			460-227322-3		460-227322-4		460-226524-5		460-226524-6		460-226591-8		460-228242-1		460-228242-2		460-226591-7	
DATE SAMPLE COLLECTED:			1/27/2021		1/27/2021		1/14/2021		1/14/2021		1/15/2021		2/15/2021		2/15/2021		1/15/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Methyl acetate	NC	NC	0.011	U	0.0049	U	0.0053	U	0.0058	U	0.0065	U	0.0050	U	0.0049	U	0.011	U
Methyl tert-butyl ether	100	0.93	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Methylcyclohexane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Methylene Chloride	100	0.05	0.0044	U	0.0019	U	0.0021	U	0.0023	U	0.0026	U	0.0020	U	0.0020	U	0.0043	U
m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0023	
Naphthalene	100	12	0.0033	U	0.0015	U	0.0016	U	0.0017	U	0.013		0.0015	U	0.0015	U	3.7	
N-Butylbenzene	100	12	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
N-Propylbenzene	100	3.9	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0023	
o-Xylene ⁽¹⁾	100	1.6	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0018	J
sec-Butylbenzene	100	11	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0013	J
Styrene	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
tert-Butylbenzene	100	5.9	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Tetrachloroethene	19	1.3	0.0088		0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.0027		0.00059	J	0.0022	U
Toluene	100	0.7	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.00036	J	0.00099	U	0.00098	U	0.00053	J
trans-1,2-Dichloroethene	100	0.19	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
trans-1,3-Dichloropropene	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Trichloroethene	21	0.47	0.0013	J	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Trichlorofluoromethane	NC	NC	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Vinyl Chloride	0.9	0.02	0.0022	U	0.00097	U	0.0011	U	0.0012	U	0.0013	U	0.00099	U	0.00098	U	0.0022	U
Xylenes, Total	100	1.6	0.0044	U	0.0019	U	0.0021	U	0.0023	U	0.0026	U	0.0020	U	0.0020	U	0.0041	J

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-19 (0-2)		TRC-SB-19 (5.5-7.5)		TRC-SB-20 (0-2)		TRC-SB-20 (2.5-4.5)		TRC-SB-22 (3-5)		TRC-SB-22 (6.5-8.5)		TRC-TP-1 (15-16)		TRC-TP-2 (18.5-19)	
LABORATORY SAMPLE ID:			460-228242-3		460-228242-4		460-228242-5		460-228242-6		460-228242-7		460-228242-8		460-230142-1		460-230480-1	
DATE SAMPLE COLLECTED:			2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		3/17/2021		3/22/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,1,2-Trichloroethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,1-Dichloroethane	26	0.27	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,1-Dichloroethene	100	0.33	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,2,3-Trichlorobenzene	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,2,4-Trichlorobenzene	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,2,4-Trimethylbenzene	52	3.6	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.00056	J
1,2-Dibromo-3-Chloropropane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,2-Dichlorobenzene	100	1.1	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0018	J	0.0014	U
1,2-Dichloroethane	3.1	0.02	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,2-Dichloropropane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,3,5-Trimethylbenzene	52	8.4	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
1,3-Dichlorobenzene	49	2.4	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0014	J	0.0014	U
1,4-Dichlorobenzene	13	1.8	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0052		0.0014	U
1,4-Dioxane	13	0.1	0.020	U	0.021	U	0.019	U	0.019	U	0.040	U	0.051	U	0.040	U	0.027	U
2-Butanone (MEK)	100	0.12	0.0050	U	0.0053	U	0.0048	U	0.0048	U	0.010	U	0.013	U	0.010	U	0.0042	J
2-Hexanone	NC	NC	0.0050	U	0.0053	U	0.0048	U	0.0048	U	0.010	U	0.013	U	0.010	U	0.0068	U
4-Isopropyltoluene	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0050	U	0.0053	U	0.0048	U	0.0048	U	0.010	U	0.013	U	0.010	U	0.0068	U
Acetone	100	0.05	0.0060	U	0.0064	U	0.0058	U	0.0057	U	0.012	U	0.015	U	0.011	J	0.024	
Benzene	4.8	0.06	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Bromoform	NC	NC	0.0010	U J	0.0011	U J	0.00096	U J	0.00096	U J	0.0020	U J	0.0026	U J	0.0020	U	0.0014	U
Bromomethane	NC	NC	0.0020	U	0.0021	U	0.0019	U	0.0019	U	0.0040	U	0.0051	U	0.0040	U	0.0027	U
Carbon disulfide	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Carbon tetrachloride	2.4	0.76	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Chlorobenzene	100	1.1	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0054		0.0014	U
Chlorobromomethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Chlorodibromomethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Chloroethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Chloroform	49	0.37	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Chloromethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
cis-1,2-Dichloroethene	100	0.25	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0014	J	0.0014	U
cis-1,3-Dichloropropene	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Cyclohexane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Dichlorobromomethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Dichlorodifluoromethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Ethylbenzene	41	1	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Ethylene Dibromide	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
Isopropylbenzene	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-19 (0-2)		TRC-SB-19 (5.5-7.5)		TRC-SB-20 (0-2)		TRC-SB-20 (2.5-4.5)		TRC-SB-22 (3-5)		TRC-SB-22 (6.5-8.5)		TRC-TP-1 (15-16)		TRC-TP-2 (18.5-19)		
LABORATORY SAMPLE ID:			460-228242-3		460-228242-4		460-228242-5		460-228242-6		460-228242-7		460-228242-8		460-230142-1		460-230480-1		
DATE SAMPLE COLLECTED:			2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		3/17/2021		3/22/2021		
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		
	Methyl acetate	NC	NC	0.0050	U	0.0053	U	0.0048	U	0.0048	U	0.010	U	0.013	U	0.010	U	0.0068	U
	Methyl tert-butyl ether	100	0.93	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	Methylcyclohexane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	Methylene Chloride	100	0.05	0.0020	U	0.0021	U	0.0019	U	0.0019	U	0.0040	U	0.0051	U	0.0040	U	0.0027	U
	m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	Naphthalene	100	12	0.0015	U	0.0016	U	0.0014	U	0.0014	U	0.0030	U	0.0039	U	0.0030	U	0.0020	U
	N-Butylbenzene	100	12	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	N-Propylbenzene	100	3.9	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	o-Xylene ⁽¹⁾	100	1.6	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	sec-Butylbenzene	100	11	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	Styrene	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	tert-Butylbenzene	100	5.9	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	Tetrachloroethene	19	1.3	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.00079	J	0.0020	U	0.0014	U
	Toluene	100	0.7	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	trans-1,2-Dichloroethene	100	0.19	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	trans-1,3-Dichloropropene	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	Trichloroethene	21	0.47	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	Trichlorofluoromethane	NC	NC	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	Vinyl Chloride	0.9	0.02	0.0010	U	0.0011	U	0.00096	U	0.00096	U	0.0020	U	0.0026	U	0.0020	U	0.0014	U
	Xylenes, Total	100	1.6	0.0020	U	0.0021	U	0.0019	U	0.0019	U	0.0040	U	0.0051	U	0.0040	U	0.0027	U

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-TP-3 (15-16)		TRC-TP-4 (21-22)		LOT01-SB-01		LOT01-SB-02		LOT06-SB-03		LOT06-SB-04		TRC-SB-02-N1 (0-2)		TRC-SB-02-N2 (0-2)	
LABORATORY SAMPLE ID:			460-229498-1		460-229734-1		460-216437-1		460-216437-2		460-216341-1		460-216341-2		460-248403-1		460-248403-2	
DATE SAMPLE COLLECTED:			3/8/2021		3/11/2021		8/19/2020		8/19/2020		8/18/2020		8/18/2020		12/2/2021		12/3/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,1,2,2-Tetrachloroethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,1,2-Trichloroethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,1-Dichloroethane	26	0.27	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,1-Dichloroethene	100	0.33	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,2,3-Trichlorobenzene	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,2,4-Trichlorobenzene	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,2,4-Trimethylbenzene	52	3.6	0.00094	U	0.00091	U	0.0013	U	0.0089		0.00089	U	0.00091	U	0.00073	J	0.0020	U
1,2-Dibromo-3-Chloropropane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,2-Dichlorobenzene	100	1.1	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,2-Dichloroethane	3.1	0.02	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,2-Dichloropropane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,3,5-Trimethylbenzene	52	8.4	0.00094	U	0.00091	U	0.0013	U	0.0027		0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,3-Dichlorobenzene	49	2.4	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,4-Dichlorobenzene	13	1.8	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
1,4-Dioxane	13	0.1	0.019	U	0.018	U	0.026	U	0.025	U	0.018	U	0.018	U	0.035	U	0.045	U
2-Butanone (MEK)	100	0.12	0.0029	J	0.0046	U	0.0066	U	0.0062	U	0.0044	U	0.0046	U	0.0084	U	0.0099	U
2-Hexanone	NC	NC	0.0047	U	0.0046	U	0.0066	U	0.0062	U	0.0044	U	0.0046	U	0.0084	U	0.0099	U
4-Isopropyltoluene	NC	NC	0.00094	U	0.00091	U	NA		NA		NA		NA		0.00067	J	0.0020	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0047	U	0.0046	U	0.0066	U	0.0062	U	0.0044	U	0.0046	U	0.0084	U	0.0099	U
Acetone	100	0.05	0.016		0.0055	U	0.081		0.025		0.0053	U	0.0055	U	0.043		0.029	
Benzene	4.8	0.06	0.00094	U	0.00091	U	0.0013	U	0.00093	J	0.00089	U	0.00091	U	0.00057	J	0.0020	U
Bromoform	NC	NC	0.00094	U	0.00091	U	0.0013	U J	0.0012	U J	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Bromomethane	NC	NC	0.0019	U	0.0018	U J	0.0013	U J	0.0012	U J	0.00089	U	0.00091	U	0.0034	U	0.0040	U J
Carbon disulfide	NC	NC	0.00094	U	0.00091	U	0.0054		0.0039		0.00089	U	0.00091	U	0.0036		0.0013	J
Carbon tetrachloride	2.4	0.76	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Chlorobenzene	100	1.1	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Chlorobromomethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Chlorodibromomethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Chloroethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U J
Chloroform	49	0.37	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Chloromethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
cis-1,2-Dichloroethene	100	0.25	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
cis-1,3-Dichloropropene	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Cyclohexane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Dichlorobromomethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Dichlorodifluoromethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Ethylbenzene	41	1	0.00094	U	0.00091	U	0.0013	U	0.00046	J	0.00089	U	0.00091	U	0.00060	J	0.0015	J
Ethylene Dibromide	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Isopropylbenzene	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.00038	J	0.00089	U	0.00091	U	0.0017	U	0.00093	J

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-TP-3 (15-16)		TRC-TP-4 (21-22)		LOT01-SB-01		LOT01-SB-02		LOT06-SB-03		LOT06-SB-04		TRC-SB-02-N1 (0-2)		TRC-SB-02-N2 (0-2)	
LABORATORY SAMPLE ID:			460-229498-1		460-229734-1		460-216437-1		460-216437-2		460-216341-1		460-216341-2		460-248403-1		460-248403-2	
DATE SAMPLE COLLECTED:			3/8/2021		3/11/2021		8/19/2020		8/19/2020		8/18/2020		8/18/2020		12/2/2021		12/3/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Methyl acetate	NC	NC	0.0047	U	0.0046	U	0.0066	U	0.0062	U	0.0044	U	0.0046	U	0.0084	U	0.0099	U
Methyl tert-butyl ether	100	0.93	0.0012		0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Methylcyclohexane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Methylene Chloride	100	0.05	0.0019	U	0.0018	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0034	U	0.0040	U
m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.00094	U	0.00091	U	0.0013	U	0.0013		0.00089	U	0.00091	U	0.00075	J	0.00085	J
Naphthalene	100	12	0.0014	U	0.0014	U	0.0019	U	0.0016	U	0.0017	U	0.0017	U	0.021		0.0063	
N-Butylbenzene	100	12	0.00094	U	0.00091	U	0.0013	U	0.00076	J	0.00089	U	0.00091	U	0.0017	U	0.0020	U
N-Propylbenzene	100	3.9	0.00094	U	0.00091	U	0.0013	U	0.00065	J	0.00089	U	0.00091	U	0.0017	U	0.0020	U
o-Xylene ⁽¹⁾	100	1.6	0.00094	U	0.00091	U	0.0013	U	0.00084	J	0.00089	U	0.00091	U	0.0017	U	0.00043	J
sec-Butylbenzene	100	11	0.00094	U	0.00091	U	0.0013	U	0.00045	J	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Styrene	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
tert-Butylbenzene	100	5.9	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Tetrachloroethene	19	1.3	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Toluene	100	0.7	0.00084	J	0.00091	U	0.00074	J	0.00071	J	0.00089	U	0.00091	U	0.00050	J	0.00059	J
trans-1,2-Dichloroethene	100	0.19	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
trans-1,3-Dichloropropene	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Trichloroethene	21	0.47	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Trichlorofluoromethane	NC	NC	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Vinyl Chloride	0.9	0.02	0.00094	U	0.00091	U	0.0013	U	0.0012	U	0.00089	U	0.00091	U	0.0017	U	0.0020	U
Xylenes, Total	100	1.6	0.0019	U	0.0018	U	0.0026	U	0.0021	J	0.0018	U	0.0018	U	0.0034	U	0.0013	J

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-02-E (0-2)		TRC-SB-02-S1 (0-2)		TRC-SB-02-S2 (0-2)		TRC-SB-02-W (0-2)		TRC-SB-10-N (0-2)		TRC-SB-10-E1 (0-2)		TRC-SB-10-E2 (0-2)		TRC-SB-10-S1 (0-2)	
LABORATORY SAMPLE ID:			460-248310-3		460-248310-1		460-248310-2		460-248310-5		460-248310-12		460-248310-10		460-248310-11		460-248310-7	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,1,2-Trichloroethane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,1-Dichloroethane	26	0.27	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,1-Dichloroethene	100	0.33	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U J	0.14	U	0.0015	U	0.14	U
1,2,3-Trichlorobenzene	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,2,4-Trichlorobenzene	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,2,4-Trimethylbenzene	52	3.6	0.0084		0.0032		0.0015	U	0.00075	J	3.0		0.23		0.0041		0.12	J
1,2-Dibromo-3-Chloropropane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,2-Dichlorobenzene	100	1.1	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.20		0.14	U	0.0018		0.14	U
1,2-Dichloroethane	3.1	0.02	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,2-Dichloropropane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,3,5-Trimethylbenzene	52	8.4	0.0023		0.00084	J	0.0015	U	0.0019	U	0.82		0.14	U	0.0013	J	0.039	J
1,3-Dichlorobenzene	49	2.4	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
1,4-Dichlorobenzene	13	1.8	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.36		0.14	U	0.0030		0.14	U
1,4-Dioxane	13	0.1	0.041	U	0.39	U	0.049	U	0.062	U	0.041	U	0.085	U	0.042	U	0.037	U
2-Butanone (MEK)	100	0.12	0.0054	U	0.0085	U	0.0076	U	0.0093	U	0.84	U	0.69	U	0.0076	U	0.69	U
2-Hexanone	NC	NC	0.0054	U	0.0085	U	0.0076	U	0.0093	U	0.84	U	0.69	U	0.0076	U	0.69	U
4-Isopropyltoluene	NC	NC	0.0010	J	0.00074	J	0.0015	U	0.0010	J	3.6		0.20		0.0016		0.16	
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0054	U	0.0085	U	0.0076	U	0.0093	U	0.84	U	0.69	U	0.0076	U	0.69	U
Acetone	100	0.05	0.033		0.038		0.016		0.044		0.84	U	0.69	U	0.070		0.69	U
Benzene	4.8	0.06	0.00083	J	0.0015	J	0.0015	U	0.0025		1.1		0.11	J	0.0028		0.16	
Bromoform	NC	NC	0.0011	U J	0.0017	U J	0.0015	U	0.0019	U J	0.17	U	0.14	U	0.0015	U J	0.14	U
Bromomethane	NC	NC	0.0022	U	0.0034	U	0.0031	U	0.0037	U	0.17	U	0.14	U	0.0030	U	0.14	U
Carbon disulfide	NC	NC	0.0013	J	0.0022	J	0.0017		0.0064	J	0.17	U	0.14	U	0.0021	J	0.14	U
Carbon tetrachloride	2.4	0.76	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Chlorobenzene	100	1.1	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.086	J	0.14	U	0.0015	U	0.14	U
Chlorobromomethane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Chlorodibromomethane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Chloroethane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Chloroform	49	0.37	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Chloromethane	NC	NC	0.0011	U J	0.0017	U J	0.0015	U	0.0019	U J	0.17	U	0.14	U	0.0015	U J	0.14	U
cis-1,2-Dichloroethene	100	0.25	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
cis-1,3-Dichloropropene	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Cyclohexane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0047		0.17	U	0.14	U	0.0015	U	0.14	U
Dichlorobromomethane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Dichlorodifluoromethane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Ethylbenzene	41	1	0.0019		0.0021		0.0015	U	0.00052	J	1.1		0.15		0.0015		0.15	
Ethylene Dibromide	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Isopropylbenzene	NC	NC	0.0026		0.00076	J	0.0015	U	0.0041		0.80		0.14	U	0.014		0.14	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-02-E (0-2)		TRC-SB-02-S1 (0-2)		TRC-SB-02-S2 (0-2)		TRC-SB-02-W (0-2)		TRC-SB-10-N (0-2)		TRC-SB-10-E1 (0-2)		TRC-SB-10-E2 (0-2)		TRC-SB-10-S1 (0-2)	
LABORATORY SAMPLE ID:			460-248310-3		460-248310-1		460-248310-2		460-248310-5		460-248310-12		460-248310-10		460-248310-11		460-248310-7	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Methyl acetate	NC	NC	0.0054	U	0.0085	U	0.0076	U	0.0093	U	0.50	J	0.69	U	0.0076	U	0.69	U
Methyl tert-butyl ether	100	0.93	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Methylcyclohexane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.010		0.17	U	0.14	U	0.0019		0.14	U
Methylene Chloride	100	0.05	0.0022	U	0.0034	U	0.0031	U	0.0037	U	0.17	U	0.14	U	0.0030	U	0.14	U
m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.0021		0.00095	J	0.00035	J	0.00064	J	0.60		0.12	J	0.0029		0.14	
Naphthalene	100	12	0.10		0.13		0.0023	U	0.0069		58		9.3		0.16		4.6	
N-Butylbenzene	100	12	0.0014		0.0017	U	0.0015	U	0.0019	U	1.3		0.049	J	0.0091		0.12	J
N-Propylbenzene	100	3.9	0.0014		0.00050	J	0.0015	U	0.0016	J	0.66		0.14	U	0.011		0.14	U
o-Xylene ⁽¹⁾	100	1.6	0.0011		0.00075	J	0.0015	U	0.00037	J	0.14	J	0.14	U	0.0015		0.14	U
sec-Butylbenzene	100	11	0.00096	J	0.0017	U	0.0015	U	0.0097		0.40		0.14	U	0.0058		0.14	U
Styrene	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.00051	J	0.14	U
tert-Butylbenzene	100	5.9	0.0011	U	0.0017	U	0.0015	U	0.0010	J	0.17	U	0.14	U	0.00044	J	0.14	U
Tetrachloroethene	19	1.3	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Toluene	100	0.7	0.0012		0.0011	J	0.0015	U	0.0019	U	0.30		0.11	J	0.0025		0.10	J
trans-1,2-Dichloroethene	100	0.19	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
trans-1,3-Dichloropropene	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Trichloroethene	21	0.47	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Trichlorofluoromethane	NC	NC	0.0011	U	0.0017	U	0.0015	U	0.0019	U	0.17	U	0.14	U	0.0015	U	0.14	U
Vinyl Chloride	0.9	0.02	0.0011	U J	0.0017	U J	0.0015	U	0.0019	U J	0.17	U	0.14	U	0.0015	U J	0.14	U
Xylenes, Total	100	1.6	0.0032		0.0017	J	0.0031	U	0.0037	U	0.74		0.12	J	0.0044		0.17	J

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-10-S2 (0-2)		TRC-SB-10-S3 (0-2)		TRC-SB-10-W (0-2)		TRC-SB-11-N (0-2)		TRC-SB-11-N (4-6)		TRC-SB-11-N (8-10)		TRC-SB-11-E (0-2)		TRC-SB-11-E (4-6)	
LABORATORY SAMPLE ID:			460-248310-8		460-248310-9		460-248310-6		460-248242-8		460-248242-9		460-248242-10		460-248242-5		460-248242-6	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,1,2-Trichloroethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,1-Dichloroethane	26	0.27	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,1-Dichloroethene	100	0.33	0.0013	U	0.0010	U	0.16	U J	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,2,3-Trichlorobenzene	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,2,4-Trichlorobenzene	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,2,4-Trimethylbenzene	52	3.6	0.00068	J	0.0010	U	3.2		0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,2-Dibromo-3-Chloropropane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,2-Dichlorobenzene	100	1.1	0.0013	U	0.0010	U	0.059	J	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,2-Dichloroethane	3.1	0.02	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,2-Dichloropropane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,3,5-Trimethylbenzene	52	8.4	0.0013	U	0.0010	U	1.2		0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,3-Dichlorobenzene	49	2.4	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,4-Dichlorobenzene	13	1.8	0.0013	U	0.0010	U	0.14	J	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
1,4-Dioxane	13	0.1	0.049	U	0.041	U	0.039	U	0.037	U	0.037	U	0.037	U	0.038	U	0.039	U
2-Butanone (MEK)	100	0.12	0.0036	J	0.0057		0.81	U	0.0072	U	0.0055	U	0.0047	U	0.0071	U	0.0055	U
2-Hexanone	NC	NC	0.0065	U	0.0051	U	0.81	U	0.0072	U	0.0055	U	0.0047	U	0.0071	U	0.0055	U
4-Isopropyltoluene	NC	NC	0.00095	J	0.0010	U	8.2		0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0065	U	0.0051	U	0.81	U	0.0072	U	0.0055	U	0.0047	U	0.0071	U	0.0055	U
Acetone	100	0.05	0.021		0.029		0.81	U	0.024		0.0096		0.020		0.016		0.0065	U
Benzene	4.8	0.06	0.0013	U	0.0010	U	0.11	J	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Bromoform	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U J	0.0011	U J	0.00094	U J	0.0014	U	0.0011	U
Bromomethane	NC	NC	0.0026	U	0.0021	U	0.16	U	0.0029	U	0.0022	U	0.0019	U	0.0028	U	0.0022	U
Carbon disulfide	NC	NC	0.00091	J	0.00094	J	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Carbon tetrachloride	2.4	0.76	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Chlorobenzene	100	1.1	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Chlorobromomethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Chlorodibromomethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Chloroethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Chloroform	49	0.37	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Chloromethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U J	0.0011	U J	0.00094	U J	0.0014	U	0.0011	U
cis-1,2-Dichloroethene	100	0.25	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
cis-1,3-Dichloropropene	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Cyclohexane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Dichlorobromomethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Dichlorodifluoromethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Ethylbenzene	41	1	0.0027	J	0.0010	U	0.13	J	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Ethylene Dibromide	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Isopropylbenzene	NC	NC	0.0013	U	0.0010	U	0.34		0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-10-S2 (0-2)		TRC-SB-10-S3 (0-2)		TRC-SB-10-W (0-2)		TRC-SB-11-N (0-2)		TRC-SB-11-N (4-6)		TRC-SB-11-N (8-10)		TRC-SB-11-E (0-2)		TRC-SB-11-E (4-6)	
LABORATORY SAMPLE ID:			460-248310-8		460-248310-9		460-248310-6		460-248242-8		460-248242-9		460-248242-10		460-248242-5		460-248242-6	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Methyl acetate	NC	NC	0.0065	U	0.0051	U	0.81	U	0.0072	U	0.0055	U	0.0047	U	0.0071	U	0.0055	U
Methyl tert-butyl ether	100	0.93	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Methylcyclohexane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Methylene Chloride	100	0.05	0.0026	U	0.0021	U	0.16	U	0.0029	U	0.0022	U	0.0019	U	0.0028	U	0.0022	U
m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.00032	J	0.00031	J	0.24		0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Naphthalene	100	12	0.013		0.0034		45		0.0022	U	0.0017	U	0.0014	U	0.0028		0.0073	
N-Butylbenzene	100	12	0.0013	U	0.0010	U	0.44		0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
N-Propylbenzene	100	3.9	0.0013	U	0.00019	J	0.25		0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
o-Xylene ⁽¹⁾	100	1.6	0.0013	U	0.0010	U	0.087	J	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
sec-Butylbenzene	100	11	0.0013	U	0.0010	U	0.14	J	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Styrene	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
tert-Butylbenzene	100	5.9	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Tetrachloroethene	19	1.3	0.0013	U	0.0010	U	0.16	U	0.00058	J	0.00054	J	0.00094	U	0.0014	U	0.0011	U
Toluene	100	0.7	0.0013	U	0.0010	U	0.074	J	0.0014	U	0.00028	J	0.00094	U	0.0014	U	0.0011	U
trans-1,2-Dichloroethene	100	0.19	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
trans-1,3-Dichloropropene	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Trichloroethene	21	0.47	0.0013	U	0.0010	U	0.16	U	0.0014	U	0.0011	U	0.00094	U	0.0014	U	0.0011	U
Trichlorofluoromethane	NC	NC	0.0013	U	0.0010	U	0.16	U	0.0014	U J	0.0011	U J	0.00094	U J	0.0014	U	0.0011	U
Vinyl Chloride	0.9	0.02	0.0013	U	0.0010	U	0.16	U	0.0014	U J	0.0011	U J	0.00094	U J	0.0014	U	0.0011	U
Xylenes, Total	100	1.6	0.0026	U	0.0021	U	0.33		0.0029	U	0.0022	U	0.0019	U	0.0028	U	0.0022	U

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-11-E (8-10)		TRC-SB-11-S (0-2)		TRC-SB-11-S (4-6)		TRC-SB-11-W (0-2)		TRC-SB-11-W (4-6)		TRC-SB-23 (0-2)		TRC-SB-23 (2-4)		TRC-SB-23 (13-15)	
LABORATORY SAMPLE ID:			460-248242-7		460-248242-11		460-248242-12		460-248242-13		460-248242-14		460-248094-1		460-248094-2		460-248094-3	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		11/29/2021		11/29/2021		11/29/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,1,2-Trichloroethane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,1-Dichloroethane	26	0.27	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,1-Dichloroethene	100	0.33	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,2,3-Trichlorobenzene	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,2,4-Trichlorobenzene	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,2,4-Trimethylbenzene	52	3.6	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,2-Dibromo-3-Chloropropane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,2-Dichlorobenzene	100	1.1	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,2-Dichloroethane	3.1	0.02	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,2-Dichloropropane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,3,5-Trimethylbenzene	52	8.4	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,3-Dichlorobenzene	49	2.4	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,4-Dichlorobenzene	13	1.8	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
1,4-Dioxane	13	0.1	0.038	U	0.039	U	0.039	U	0.037	U	0.038	U	0.037	U	0.038	U	0.036	U
2-Butanone (MEK)	100	0.12	0.0062	U	0.0076	U	0.0055	U	0.0051	U	0.0057	U	0.0052	U	0.0046	U	0.0045	U
2-Hexanone	NC	NC	0.0062	U	0.0076	U	0.0055	U	0.0051	U	0.0057	U	0.0052	U	0.0046	U	0.0045	U
4-Isopropyltoluene	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0062	U	0.0076	U	0.0055	U	0.0051	U	0.0057	U	0.0052	U	0.0046	U	0.0045	U
Acetone	100	0.05	0.043		0.040		0.013		0.0061	U	0.017		0.0061	J	0.0078		0.021	
Benzene	4.8	0.06	0.0012	U	0.00054	J	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Bromoform	NC	NC	0.0012	U J	0.0015	U J	0.0011	U J	0.0010	U J	0.0011	U J	0.0010	U J	0.00093	U J	0.00090	U J
Bromomethane	NC	NC	0.0025	U	0.0030	U	0.0022	U	0.0020	U	0.0023	U	0.0021	U	0.0019	U	0.0018	U
Carbon disulfide	NC	NC	0.00070	J	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Carbon tetrachloride	2.4	0.76	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Chlorobenzene	100	1.1	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Chlorobromomethane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Chlorodibromomethane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Chloroethane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Chloroform	49	0.37	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Chloromethane	NC	NC	0.0012	U J	0.0015	U J	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
cis-1,2-Dichloroethene	100	0.25	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
cis-1,3-Dichloropropene	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Cyclohexane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Dichlorobromomethane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Dichlorodifluoromethane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Ethylbenzene	41	1	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Ethylene Dibromide	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Isopropylbenzene	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-11-E (8-10)		TRC-SB-11-S (0-2)		TRC-SB-11-S (4-6)		TRC-SB-11-W (0-2)		TRC-SB-11-W (4-6)		TRC-SB-23 (0-2)		TRC-SB-23 (2-4)		TRC-SB-23 (13-15)	
LABORATORY SAMPLE ID:			460-248242-7		460-248242-11		460-248242-12		460-248242-13		460-248242-14		460-248094-1		460-248094-2		460-248094-3	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		11/29/2021		11/29/2021		11/29/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Methyl acetate	NC	NC	0.0062	U	0.0076	U	0.0055	U	0.0051	U	0.0057	U	0.0052	U	0.0046	U	0.0045	U
Methyl tert-butyl ether	100	0.93	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Methylcyclohexane	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Methylene Chloride	100	0.05	0.0025	U	0.0024	J	0.0022	U	0.0020	U	0.0023	U	0.0021	U	0.0019	U	0.0018	U
m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Naphthalene	100	12	0.0029		0.17		0.0017	U	0.0015	U	0.0017	U	0.0016	U	0.0014	U	0.0014	U
N-Butylbenzene	100	12	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
N-Propylbenzene	100	3.9	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
o-Xylene ⁽¹⁾	100	1.6	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
sec-Butylbenzene	100	11	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Styrene	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
tert-Butylbenzene	100	5.9	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Tetrachloroethene	19	1.3	0.0012	U	0.0014	J	0.0011	U	0.0010	U	0.0011	U	0.00040	J	0.00032	J	0.00090	U
Toluene	100	0.7	0.0012	U	0.00049	J	0.00075	J	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
trans-1,2-Dichloroethene	100	0.19	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
trans-1,3-Dichloropropene	NC	NC	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Trichloroethene	21	0.47	0.0012	U	0.0015	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Trichlorofluoromethane	NC	NC	0.0012	U J	0.0015	U J	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Vinyl Chloride	0.9	0.02	0.0012	U J	0.0015	U J	0.0011	U	0.0010	U	0.0011	U	0.0010	U	0.00093	U	0.00090	U
Xylenes, Total	100	1.6	0.0025	U	0.0030	U	0.0022	U	0.0020	U	0.0023	U	0.0021	U	0.0019	U	0.0018	U

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-24 (0-2)		TRC-SB-24 (3-5)		TRC-SB-25 (0-2)		TRC-SB-25 (4-6)		TRC-SB-25 (6-8)		TRC-SB-26 (0-2)		TRC-SB-26 (2-4)		TRC-SB-28 (0-2)	
LABORATORY SAMPLE ID:			460-248242-1		460-248242-2		460-248135-2		460-248135-3		460-248135-4		460-248242-3		460-248242-4		460-248135-6	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		11/30/2021		11/30/2021		11/30/2021		12/1/2021		12/1/2021		11/30/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,1,2-Trichloroethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,1-Dichloroethane	26	0.27	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,1-Dichloroethene	100	0.33	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,2,3-Trichlorobenzene	NC	NC	0.0011	U	0.0011	U	0.0014	U J	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,2,4-Trichlorobenzene	NC	NC	0.0011	U	0.0011	U	0.0014	U J	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,2,4-Trimethylbenzene	52	3.6	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,2-Dibromo-3-Chloropropane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,2-Dichlorobenzene	100	1.1	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,2-Dichloroethane	3.1	0.02	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,2-Dichloropropane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,3,5-Trimethylbenzene	52	8.4	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,3-Dichlorobenzene	49	2.4	0.0011	U	0.0011	U	0.0014	U J	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,4-Dichlorobenzene	13	1.8	0.0011	U	0.0011	U	0.0014	U J	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
1,4-Dioxane	13	0.1	0.035	U	0.036	U	0.084	U	0.041	U	0.040	U	0.038	U	0.037	U	0.037	U *
2-Butanone (MEK)	100	0.12	0.0055	U	0.0053	U	0.0070	U	0.0064	U	0.0048	U	0.0054	U	0.0053	U	0.0055	U
2-Hexanone	NC	NC	0.0055	U	0.0053	U	0.0070	U	0.0064	U	0.0048	U	0.0054	U	0.0053	U	0.0055	U
4-Isopropyltoluene	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0055	U	0.0053	U	0.0070	U	0.0064	U	0.0048	U	0.0054	U	0.0053	U	0.0055	U
Acetone	100	0.05	0.12		0.095		0.0084	U	0.0076	U	0.0065		0.016		0.032		0.022	
Benzene	4.8	0.06	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Bromoform	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Bromomethane	NC	NC	0.0022	U	0.0021	U	0.0028	U	0.0025	U	0.0019	U	0.0022	U	0.0021	U	0.0022	U
Carbon disulfide	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00026	J	0.0011	U	0.0011	U	0.0011	U
Carbon tetrachloride	2.4	0.76	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Chlorobenzene	100	1.1	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Chlorobromomethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Chlorodibromomethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Chloroethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Chloroform	49	0.37	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Chloromethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
cis-1,2-Dichloroethene	100	0.25	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
cis-1,3-Dichloropropene	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Cyclohexane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Dichlorobromomethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Dichlorodifluoromethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Ethylbenzene	41	1	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Ethylene Dibromide	NC	NC	0.0011	U	0.0011	U	0.0014	U J	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Isopropylbenzene	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-24 (0-2)		TRC-SB-24 (3-5)		TRC-SB-25 (0-2)		TRC-SB-25 (4-6)		TRC-SB-25 (6-8)		TRC-SB-26 (0-2)		TRC-SB-26 (2-4)		TRC-SB-28 (0-2)	
LABORATORY SAMPLE ID:			460-248242-1		460-248242-2		460-248135-2		460-248135-3		460-248135-4		460-248242-3		460-248242-4		460-248135-6	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		11/30/2021		11/30/2021		11/30/2021		12/1/2021		12/1/2021		11/30/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Methyl acetate	NC	NC	0.0055	U	0.0053	U	0.0070	U	0.0064	U	0.0048	U	0.0054	U	0.0053	U	0.0055	U
Methyl tert-butyl ether	100	0.93	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Methylcyclohexane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Methylene Chloride	100	0.05	0.0022	U	0.0021	U	0.0017	J	0.0025	U	0.0019	U	0.0022	U	0.0021	U	0.0022	U
m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.00034	J
Naphthalene	100	12	0.0016	U	0.0016	U	0.0021	U J	0.0019	U	0.0014	U	0.0016	U	0.0016	U	0.0017	U
N-Butylbenzene	100	12	0.0011	U	0.0011	U	0.0014	U J	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
N-Propylbenzene	100	3.9	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
o-Xylene ⁽¹⁾	100	1.6	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
sec-Butylbenzene	100	11	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Styrene	NC	NC	0.0011	U	0.0011	U	0.0014	U J	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
tert-Butylbenzene	100	5.9	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Tetrachloroethene	19	1.3	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Toluene	100	0.7	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
trans-1,2-Dichloroethene	100	0.19	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
trans-1,3-Dichloropropene	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Trichloroethene	21	0.47	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Trichlorofluoromethane	NC	NC	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Vinyl Chloride	0.9	0.02	0.0011	U	0.0011	U	0.0014	U	0.0013	U	0.00096	U	0.0011	U	0.0011	U	0.0011	U
Xylenes, Total	100	1.6	0.0022	U	0.0021	U	0.0028	U	0.0025	U	0.0019	U	0.0022	U	0.0021	U	0.0022	U

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-DUP-02		TRC-SB-28 (5-7)		TRC-SB-28 (7-9)		TRC-SB-29 (0-2)		TRC-SB-29 (6-8)		TRC-SB-29 (12-14)		TRC-SB-30 (0-2)		TRC-DUP-01	
LABORATORY SAMPLE ID:			460-248135-7		460-248135-8		460-248135-9		460-248094-4		460-248094-5		460-248094-6		460-248094-7		460-248094-10	
DATE SAMPLE COLLECTED:			11/30/2021		11/30/2021		11/30/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,1,2-Trichloroethane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,1-Dichloroethane	26	0.27	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,1-Dichloroethene	100	0.33	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,2,3-Trichlorobenzene	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,2,4-Trichlorobenzene	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,2,4-Trimethylbenzene	52	3.6	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,2-Dibromo-3-Chloropropane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,2-Dichlorobenzene	100	1.1	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,2-Dichloroethane	3.1	0.02	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,2-Dichloropropane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,3,5-Trimethylbenzene	52	8.4	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,3-Dichlorobenzene	49	2.4	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,4-Dichlorobenzene	13	1.8	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
1,4-Dioxane	13	0.1	0.037	U	0.036	U	0.037	U	0.036	U J	0.037	U	0.043	U	0.037	U	0.037	U
2-Butanone (MEK)	100	0.12	0.0053	U	0.0055	U	0.0052	U	0.0052	U J	0.0054	U	0.0054	U	0.0053	U	0.0064	U
2-Hexanone	NC	NC	0.0053	U	0.0055	U	0.0052	U	0.0052	U J	0.0054	U	0.0054	U	0.0053	U	0.0064	U
4-Isopropyltoluene	NC	NC	0.042		0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0053	U	0.0055	U	0.0052	U	0.0052	U J	0.0054	U	0.0054	U	0.0053	U	0.0064	U
Acetone	100	0.05	0.012		0.032		0.010		0.031	J	0.026		0.036		0.0067		0.014	
Benzene	4.8	0.06	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Bromoform	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U J	0.0011	U J	0.0011	U J	0.0013	U J
Bromomethane	NC	NC	0.0021	U J	0.0022	U	0.0021	U J	0.0021	U J	0.0021	U	0.0022	U	0.0021	U	0.0026	U
Carbon disulfide	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Carbon tetrachloride	2.4	0.76	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Chlorobenzene	100	1.1	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Chlorobromomethane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Chlorodibromomethane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Chloroethane	NC	NC	0.0011	U J	0.0011	U	0.0010	U J	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Chloroform	49	0.37	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Chloromethane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
cis-1,2-Dichloroethene	100	0.25	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
cis-1,3-Dichloropropene	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Cyclohexane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Dichlorobromomethane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Dichlorodifluoromethane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Ethylbenzene	41	1	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Ethylene Dibromide	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Isopropylbenzene	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-DUP-02		TRC-SB-28 (5-7)		TRC-SB-28 (7-9)		TRC-SB-29 (0-2)		TRC-SB-29 (6-8)		TRC-SB-29 (12-14)		TRC-SB-30 (0-2)		TRC-DUP-01	
LABORATORY SAMPLE ID:			460-248135-7		460-248135-8		460-248135-9		460-248094-4		460-248094-5		460-248094-6		460-248094-7		460-248094-10	
DATE SAMPLE COLLECTED:			11/30/2021		11/30/2021		11/30/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Methyl acetate	NC	NC	0.0053	U	0.0055	U	0.0052	U	0.0052	U J	0.0054	U	0.0054	U	0.0053	U	0.0064	U
Methyl tert-butyl ether	100	0.93	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Methylcyclohexane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Methylene Chloride	100	0.05	0.0021	U	0.0022	U	0.0021	U	0.0021	U J	0.0021	U	0.0022	U	0.0021	U	0.0019	J
m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Naphthalene	100	12	0.0016	U	0.0016	U	0.0015	U	0.0016	U J	0.0016	U	0.0016	U	0.0016	U	0.0019	U
N-Butylbenzene	100	12	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
N-Propylbenzene	100	3.9	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
o-Xylene ⁽¹⁾	100	1.6	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
sec-Butylbenzene	100	11	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Styrene	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
tert-Butylbenzene	100	5.9	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Tetrachloroethene	19	1.3	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Toluene	100	0.7	0.00026	J	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
trans-1,2-Dichloroethene	100	0.19	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
trans-1,3-Dichloropropene	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Trichloroethene	21	0.47	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Trichlorofluoromethane	NC	NC	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Vinyl Chloride	0.9	0.02	0.0011	U	0.0011	U	0.0010	U	0.0010	U J	0.0011	U	0.0011	U	0.0011	U	0.0013	U
Xylenes, Total	100	1.6	0.0021	U	0.0022	U	0.0021	U	0.0021	U J	0.0021	U	0.0022	U	0.0021	U	0.0026	U

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-30 (4-6)		TRC-SB-30 (12-14)		TRC-SB-31 (0-2)		TRC-SB-31 (3.5-5.5)		TRC-SB-31 (8.5-10.5)		TRC-SB-32 (0-2)		TRC-DUP-03		TRC-SB-32 (4-6)	
LABORATORY SAMPLE ID:			460-248094-8		460-248094-9		460-248403-2		460-248403-3		460-248403-4		460-248403-5		460-248403-14		460-248403-6	
DATE SAMPLE COLLECTED:			11/29/2021		11/29/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,1,2,2-Tetrachloroethane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,1,2-Trichloroethane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,1-Dichloroethane	26	0.27	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,1-Dichloroethene	100	0.33	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,2,3-Trichlorobenzene	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,2,4-Trichlorobenzene	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,2,4-Trimethylbenzene	52	3.6	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,2-Dibromo-3-Chloropropane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,2-Dichlorobenzene	100	1.1	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,2-Dichloroethane	3.1	0.02	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,2-Dichloropropane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,3,5-Trimethylbenzene	52	8.4	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,3-Dichlorobenzene	49	2.4	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,4-Dichlorobenzene	13	1.8	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
1,4-Dioxane	13	0.1	0.036	U	0.042	U	0.038	U	0.038	U	0.038	U	0.036	U	0.036	U	0.039	U
2-Butanone (MEK)	100	0.12	0.0047	U	0.0059	U	0.0070	U	0.0054	U	0.0053	U	0.0062	U	0.0056	U	0.0061	U
2-Hexanone	NC	NC	0.0047	U	0.0059	U	0.0070	U	0.0054	U	0.0053	U	0.0062	U	0.0056	U	0.0061	U
4-Isopropyltoluene	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0047	U	0.0059	U	0.0070	U	0.0054	U	0.0053	U	0.0062	U	0.0056	U	0.0061	U
Acetone	100	0.05	0.012		0.016		0.012		0.0065	U	0.0064	U	0.030		0.010		0.011	
Benzene	4.8	0.06	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Bromoform	NC	NC	0.00094	U J	0.0012	U J	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Bromomethane	NC	NC	0.0019	U	0.0024	U	0.0028	U J	0.0022	U J	0.0021	U J	0.0025	U J	0.0022	U J	0.0025	U J
Carbon disulfide	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Carbon tetrachloride	2.4	0.76	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Chlorobenzene	100	1.1	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Chlorobromomethane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Chlorodibromomethane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Chloroethane	NC	NC	0.00094	U	0.0012	U	0.0014	U J	0.0011	U J	0.0011	U J	0.0012	U J	0.0011	U	0.0012	U J
Chloroform	49	0.37	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Chloromethane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U J	0.0012	U
cis-1,2-Dichloroethene	100	0.25	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
cis-1,3-Dichloropropene	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Cyclohexane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Dichlorobromomethane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Dichlorodifluoromethane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U J	0.0012	U
Ethylbenzene	41	1	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Ethylene Dibromide	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
Isopropylbenzene	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-30 (4-6)		TRC-SB-30 (12-14)		TRC-SB-31 (0-2)		TRC-SB-31 (3.5-5.5)		TRC-SB-31 (8.5-10.5)		TRC-SB-32 (0-2)		TRC-DUP-03		TRC-SB-32 (4-6)		
LABORATORY SAMPLE ID:			460-248094-8		460-248094-9		460-248403-2		460-248403-3		460-248403-4		460-248403-5		460-248403-14		460-248403-6		
DATE SAMPLE COLLECTED:			11/29/2021		11/29/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		
	Methyl acetate	NC	NC	0.0047	U	0.0059	U	0.0070	U	0.0054	U	0.0053	U	0.0062	U	0.0056	U	0.0061	U
	Methyl tert-butyl ether	100	0.93	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Methylcyclohexane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Methylene Chloride	100	0.05	0.0019	U	0.0024	U	0.0028	U	0.0022	U	0.0021	U	0.0025	U	0.0022	U	0.0025	U
	m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Naphthalene	100	12	0.0014	U	0.0018	U	0.0021	U	0.0016	U	0.0016	U	0.0018	U	0.0017	U	0.0018	U
	N-Butylbenzene	100	12	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	N-Propylbenzene	100	3.9	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	o-Xylene ⁽¹⁾	100	1.6	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	sec-Butylbenzene	100	11	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Styrene	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	tert-Butylbenzene	100	5.9	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Tetrachloroethene	19	1.3	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Toluene	100	0.7	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	trans-1,2-Dichloroethene	100	0.19	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	trans-1,3-Dichloropropene	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Trichloroethene	21	0.47	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Trichlorofluoromethane	NC	NC	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Vinyl Chloride	0.9	0.02	0.00094	U	0.0012	U	0.0014	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U
	Xylenes, Total	100	1.6	0.0019	U	0.0024	U	0.0028	U	0.0022	U	0.0021	U	0.0025	U	0.0022	U	0.0025	U

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-32 (9-11)		TRC-SB-33 (0-2)		TRC-SB-33 (4-6)		TRC-SB-33 (9-11)		TRC-SB-34 (0-2)		TRC-SB-34 (8-10)		TRC-SB-34 (10-12)	
LABORATORY SAMPLE ID:			460-248403-7		460-248403-8		460-248403-9		460-248403-10		460-248403-11		460-248403-12		460-248403-13	
DATE SAMPLE COLLECTED:			12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1,1-Trichloroethane	100	0.68	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,1,2,2-Tetrachloroethane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,1,2-Trichloroethane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,1-Dichloroethane	26	0.27	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,1-Dichloroethene	100	0.33	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,2,3-Trichlorobenzene	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,2,4-Trichlorobenzene	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,2,4-Trimethylbenzene	52	3.6	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,2-Dibromo-3-Chloropropane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,2-Dichlorobenzene	100	1.1	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,2-Dichloroethane	3.1	0.02	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,2-Dichloropropane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,3,5-Trimethylbenzene	52	8.4	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,3-Dichlorobenzene	49	2.4	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,4-Dichlorobenzene	13	1.8	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
1,4-Dioxane	13	0.1	0.037	U	0.18	U J	0.038	U	0.039	U	0.037	U	0.039	U	0.039	U
2-Butanone (MEK)	100	0.12	0.0046	U	0.0060	U J	0.0059	U	0.0068	U	0.0055	U	0.0050	U	0.0053	U
2-Hexanone	NC	NC	0.0046	U	0.0060	U J	0.0059	U	0.0068	U	0.0055	U	0.0050	U	0.0053	U
4-Isopropyltoluene	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
4-Methyl-2-pentanone (MIBK)	NC	NC	0.0046	U	0.0060	U J	0.0059	U	0.0068	U	0.0055	U	0.0050	U	0.0053	U
Acetone	100	0.05	0.0063		0.0072	U J	0.017		0.0082		0.0066	U	0.0060	U	0.0064	U
Benzene	4.8	0.06	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Bromoform	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Bromomethane	NC	NC	0.0018	U J	0.0024	U J	0.0024	U J	0.0027	U J	0.0022	U J	0.0020	U J	0.0021	U J
Carbon disulfide	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Carbon tetrachloride	2.4	0.76	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Chlorobenzene	100	1.1	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Chlorobromomethane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Chlorodibromomethane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Chloroethane	NC	NC	0.00092	U J	0.0012	U J	0.0012	U J	0.0014	U J	0.0011	U	0.0010	U	0.0011	U
Chloroform	49	0.37	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Chloromethane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U J	0.0010	U J	0.0011	U J
cis-1,2-Dichloroethene	100	0.25	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
cis-1,3-Dichloropropene	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Cyclohexane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Dichlorobromomethane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Dichlorodifluoromethane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U J	0.0010	U J	0.0011	U J
Ethylbenzene	41	1	0.00047	J	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Ethylene Dibromide	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Isopropylbenzene	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U

Table 2
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:			TRC-SB-32 (9-11)		TRC-SB-33 (0-2)		TRC-SB-33 (4-6)		TRC-SB-33 (9-11)		TRC-SB-34 (0-2)		TRC-SB-34 (8-10)		TRC-SB-34 (10-12)	
LABORATORY SAMPLE ID:			460-248403-7		460-248403-8		460-248403-9		460-248403-10		460-248403-11		460-248403-12		460-248403-13	
DATE SAMPLE COLLECTED:			12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Methyl acetate	NC	NC	0.0046	U	0.0060	U J	0.0059	U	0.0068	U	0.0055	U	0.0050	U	0.0053	U
Methyl tert-butyl ether	100	0.93	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Methylcyclohexane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Methylene Chloride	100	0.05	0.0018	U	0.0024	U J	0.0024	U	0.0027	U	0.0022	U	0.0020	U	0.0021	U
m-Xylene & p-Xylene ⁽¹⁾	100	1.6	0.0020		0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Naphthalene	100	12	0.0014	U	0.0018	U J	0.0018	U	0.0020	U	0.0017	U	0.0015	U	0.0016	U
N-Butylbenzene	100	12	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
N-Propylbenzene	100	3.9	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
o-Xylene ⁽¹⁾	100	1.6	0.00097		0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
sec-Butylbenzene	100	11	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Styrene	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
tert-Butylbenzene	100	5.9	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Tetrachloroethene	19	1.3	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Toluene	100	0.7	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
trans-1,2-Dichloroethene	100	0.19	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
trans-1,3-Dichloropropene	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Trichloroethene	21	0.47	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Trichlorofluoromethane	NC	NC	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Vinyl Chloride	0.9	0.02	0.00092	U	0.0012	U J	0.0012	U	0.0014	U	0.0011	U	0.0010	U	0.0011	U
Xylenes, Total	100	1.6	0.0030		0.0024	U J	0.0024	U	0.0027	U	0.0022	U	0.0020	U	0.0021	U

Notes
⁽¹⁾ - There is no SCO for m/p-xylene or o-xylene. The SCO for total xylenes is used.
mg/kg - milligrams per kilogram
NA - Not analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-05 (0-2)		TRC-SB-05 (6-8)		TRC-SB-06 (0-2)		TRC-SB-06 (4-6)		TRC-SB-07 (0-2)		TRC-SB-07 (9-11)		TRC-SB-08 (0-2)		TRC-SB-08 (7-9)	
LABORATORY SAMPLE ID:			460-226524-1		460-226524-2		460-226524-3		460-226524-4		460-226524-7		460-226524-8		460-226591-4		460-226591-5	
DATE SAMPLE COLLECTED:			1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/15/2021		1/15/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.39	U	0.39	U	0.056	J	0.37	U	0.024	J	0.39	U	0.37	U	0.42	U
1,2,4,5-Tetrachlorobenzene	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.39	U J	0.39	U J	0.36	U J	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
2,4,5-Trichlorophenol	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
2,4,6-Trichlorophenol	NC	NC	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U	0.15	U	0.17	U
2,4-Dichlorophenol	NC	NC	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U	0.15	U	0.17	U
2,4-Dimethylphenol	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
2,4-Dinitrophenol	NC	NC	0.31	U	0.31	U	0.29	U	0.30	U	0.30	U	0.32	U	0.30	U	0.34	U
2,4-Dinitrotoluene	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U	0.080	U	0.074	U	0.085	U
2,6-Dinitrotoluene	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U	0.080	U	0.074	U	0.085	U
2-Chloronaphthalene	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
2-Chlorophenol	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
2-Methylnaphthalene	NC	NC	0.013	J	0.39	U	0.21	J	0.37	U	0.078	J	0.39	U	0.37	U	0.42	U
2-Methylphenol	100	0.33	0.39	U	0.39	U	0.36	U	0.37	U	0.016	J	0.39	U	0.37	U	0.42	U
2-Nitroaniline	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
2-Nitrophenol	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
3,3'-Dichlorobenzidine	NC	NC	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U	0.15	U	0.17	U
3-Nitroaniline	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
4,6-Dinitro-2-methylphenol	NC	NC	0.31	U	0.31	U	0.29	U	0.30	U	0.30	U	0.32	U	0.30	U	0.34	U
4-Bromophenyl phenyl ether	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
4-Chloro-3-methylphenol	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
4-Chloroaniline	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
4-Chlorophenyl phenyl ether	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
4-Methylphenol	100	0.33	0.39	U	0.39	U	0.36	U	0.37	U	0.032	J	0.39	U	0.37	U	0.42	U
4-Nitroaniline	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
4-Nitrophenol	NC	NC	0.79	U	0.78	U	0.74	U	0.74	U	0.77	U	0.80	U	0.74	U	0.85	U
Acenaphthene	100	98	0.035	J	0.39	U	0.83		0.37	U J	0.21	J	0.39	U J	0.015	J	0.42	U
Acenaphthylene	100	107	0.015	J	0.39	U	0.053	J	0.37	U	0.21	J	0.39	U	0.37	U	0.42	U
Acetophenone	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
Anthracene	100	1,000	0.082	J	0.39	U	1.5		0.37	U	0.92		0.39	U	0.042	J	0.42	U
Atrazine	NC	NC	0.16	U	0.16	U	0.15	U	0.15	U J	0.15	U J	0.16	U J	0.15	U	0.17	U
Benzaldehyde	NC	NC	0.39	U J	0.39	U J	0.36	U J	0.37	U J	0.38	U J	0.39	U J	0.37	U J	0.42	U J
Benzo[a]anthracene	1	1	0.34		0.039	U	3.8		0.037		3.3		0.029	J	0.12		0.042	U
Benzo[a]pyrene	1	22	0.36		0.039	U	4.3		0.040	J	3.2	J	0.021	J	0.11		0.042	U
Benzo[b]fluoranthene	1	1.7	0.45		0.039	U	4.8		0.052		3.0		0.030	J	0.15		0.042	U
Benzo[g,h,i]perylene	100	1,000	0.2	J	0.39	U	2.2		0.030	J	1.6		0.013	J	0.072	J	0.42	U
Benzo[k]fluoranthene	3.9	1.7	0.21		0.039	U	2.4		0.019	J	1.1		0.0098	J	0.063		0.042	U
Bis(2-chloroethoxy)methane	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
Bis(2-chloroethyl)ether	NC	NC	0.039	U	0.039	U	0.036	U	0.037	U	0.038	U	0.039	U	0.037	U	0.042	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.39	U	0.39	U	0.044	J	0.37	U	0.029	J	0.12	J	0.37	U	0.42	U
Butyl benzyl phthalate	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-05 (0-2)		TRC-SB-05 (6-8)		TRC-SB-06 (0-2)		TRC-SB-06 (4-6)		TRC-SB-07 (0-2)		TRC-SB-07 (9-11)		TRC-SB-08 (0-2)		TRC-SB-08 (7-9)	
LABORATORY SAMPLE ID:			460-226524-1		460-226524-2		460-226524-3		460-226524-4		460-226524-7		460-226524-8		460-226591-4		460-226591-5	
DATE SAMPLE COLLECTED:			1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/15/2021		1/15/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
Carbazole	NC	NC	0.04	J	0.39	U	0.65		0.37	U	0.24	J	0.39	U	0.37	U	0.42	U
Chrysene	3.9	1	0.35	J	0.39	U	3.5		0.034	J	2.7		0.022	J	0.11	J	0.42	U
Dibenz(a,h)anthracene	0.33	1,000	0.069		0.039	U	0.70		0.037	U J	0.54	J	0.039	U J	0.037	U	0.042	U
Dibenzofuran	59	210	0.022	J	0.39	U	0.43		0.37	U	0.19	J	0.39	U	0.37	U	0.42	U
Diethyl phthalate	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
Dimethyl phthalate	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
Di-n-butyl phthalate	NC	NC	0.061	J	0.39	U	0.36	U	0.37	U	0.38	U	0.057	J	0.37	U	0.42	U
Di-n-octyl phthalate	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
Fluoranthene	100	1,000	0.56		0.39	U	6.3		0.05	J	6.3		0.043	J	0.25	J	0.42	U
Fluorene	100	386	0.028	J	0.39	U	0.66		0.37	U	0.23	J	0.39	U	0.0099	J	0.42	U
Hexachlorobenzene	1.2	3.2	0.039	U	0.039	U	0.036	U	0.037	U J	0.038	U J	0.039	U J	0.037	U	0.042	U
Hexachlorobutadiene	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U J	0.077	U J	0.080	U J	0.074	U	0.085	U
Hexachlorocyclopentadiene	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
Hexachloroethane	NC	NC	0.039	U	0.039	U	0.036	U	0.037	U	0.038	U	0.039	U	0.037	U	0.042	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.23		0.039	U	2.6		0.026	J	1.7		0.015	J	0.089		0.042	U
Isophorone	NC	NC	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U	0.15	U	0.17	U
Naphthalene	100	12	0.025	J	0.39	U	0.42		0.37	U	0.20	J	0.39	U	0.37	U	0.42	U
Nitrobenzene	NC	NC	0.039	U	0.039	U	0.036	U	0.037	U	0.038	U	0.039	U	0.037	U	0.042	U
N-Nitrosodi-n-propylamine	NC	NC	0.039	U	0.039	U	0.036	U	0.037	U	0.038	U	0.039	U	0.037	U	0.042	U
N-Nitrosodiphenylamine	NC	NC	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.39	U	0.37	U	0.42	U
Pentachlorophenol	6.7	0.8	0.31	U	0.31	U	0.29	U	0.30	U	0.30	U	0.32	U	0.30	U	0.34	U
Phenanthrene	100	1,000	0.46		0.39	U	6.7		0.026	J	4.1		0.029	J	0.16	J	0.42	U
Phenol	100	0.33	0.39	U	0.39	U	0.36	U	0.37	U	0.38	U	0.062	J	0.37	U	0.42	U
Pyrene	100	1,000	0.74		0.39	U	7.6		0.055	J	6.5		0.043	J	0.21	J	0.42	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-09 (0-2)		TRC-SB-10 (0-2)		TRC-SB-11 (0-2)		TRC-SB-11 (4-6)		TRC-SB-12 (3-5)		TRC-SB-12 (10-12)		TRC-SB-13 (0-2)		TRC-SB-13 (6-8)	
LABORATORY SAMPLE ID:			460-226591-9		460-226591-6		460-227322-7		460-227322-8		460-227322-5		460-227322-6		460-227322-1		460-227322-2	
DATE SAMPLE COLLECTED:			1/15/2021		1/15/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.35	U	33	J	0.039	J	0.44	U	0.17	J	0.39	U	0.16	J	0.40	
1,2,4,5-Tetrachlorobenzene	NC	NC	0.35	U	40	U	0.43	U J	0.44	U J	0.37	U J	0.39	U J	0.38	U J	0.40	U J
2,2'-oxybis[1-chloropropane]	NC	NC	0.35	U	40	U	0.43	U J	0.44	U J	0.37	U J	0.39	U	0.38	U J	0.40	U J
2,3,4,6-Tetrachlorophenol	NC	NC	0.35	U	40	U	0.43	U J	0.44	U J	0.37	U J	0.39	U J	0.38	U J	0.40	U J
2,4,5-Trichlorophenol	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
2,4,6-Trichlorophenol	NC	NC	0.14	U	16	U	0.18	U	0.18	U	0.15	U	0.16	U	0.15	U	0.16	U
2,4-Dichlorophenol	NC	NC	0.14	U	16	U	0.18	U	0.18	U	0.15	U	0.16	U	0.15	U	0.16	U
2,4-Dimethylphenol	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.037	J	0.40	U
2,4-Dinitrophenol	NC	NC	0.29	U	32	U	0.35	U	0.35	U	0.30	U	0.31	U	0.30	U	0.32	U
2,4-Dinitrotoluene	NC	NC	0.072	U	8.1	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
2,6-Dinitrotoluene	NC	NC	0.072	U	8.1	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
2-Chloronaphthalene	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
2-Chlorophenol	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
2-Methylnaphthalene	NC	NC	0.35	U	240		0.12	J	0.44	U	0.56		0.032	J	0.56		0.070	J
2-Methylphenol	100	0.33	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.028	J	0.40	U
2-Nitroaniline	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
2-Nitrophenol	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
3,3'-Dichlorobenzidine	NC	NC	0.14	U	16	U	0.18	U	0.18	U	0.15	U	0.16	U	0.15	U	0.16	U
3-Nitroaniline	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
4,6-Dinitro-2-methylphenol	NC	NC	0.29	U	32	U	0.35	U	0.35	U	0.30	U	0.31	U	0.30	U	0.32	U
4-Bromophenyl phenyl ether	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
4-Chloro-3-methylphenol	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
4-Chloroaniline	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
4-Chlorophenyl phenyl ether	NC	NC	0.35	U	40	U	0.43	U J	0.44	U J	0.37	U J	0.39	U J	0.38	U J	0.40	U J
4-Methylphenol	100	0.33	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.067	J	0.025	J
4-Nitroaniline	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
4-Nitrophenol	NC	NC	0.72	U	81	U	0.88	U	0.89	U	0.75	U	0.78	U	0.77	U	0.80	U
Acenaphthene	100	98	0.35	U	44		0.25	J	0.019	J	0.93		0.093	J	0.99		0.22	J
Acenaphthylene	100	107	0.35	U	1.4	J	0.036	J	0.44	U	0.12	J	0.020	J	0.12	J	0.080	J
Acetophenone	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
Anthracene	100	1,000	0.35	U	5.4	J	0.56		0.048	J	2.1		0.32	J	1.3		0.49	
Atrazine	NC	NC	0.14	U	16	U	0.18	U	0.18	U	0.15	U	0.16	U	0.15	U	0.16	U
Benzaldehyde	NC	NC	0.35	U J	40	U J	0.43	U J	0.44	U J	0.37	U J	0.39	U J	0.38	U J	0.40	U J
Benzo[a]anthracene	1	1	0.035	U	1.6	J	1.3		0.17		3.6		0.76		2.8		1.2	
Benzo[a]pyrene	1	22	0.035	U	4.0	U	1.2		0.18		3.6		0.77		3.0		1.2	
Benzo[b]fluoranthene	1	1.7	0.035	U	4.0	U	1.3		0.21		3.8		0.97		3.6		1.5	
Benzo[g,h,i]perylene	100	1,000	0.35	U	40	U	0.65		0.10	J	1.9		0.43		1.5		0.59	
Benzo[k]fluoranthene	3.9	1.7	0.035	U	4.0	U	0.57		0.089		1.4		0.44		1.1		0.67	
Bis(2-chloroethoxy)methane	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
Bis(2-chloroethyl)ether	NC	NC	0.035	U	4.0	U	0.043	U	0.044	U	0.037	U	0.039	U	0.038	U	0.040	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.067	J	0.030	J	0.078	J	0.042	J
Butyl benzyl phthalate	NC	NC	0.35	U	40	U	0.43	U J	0.44	U J	0.37	U J	0.39	U	0.38	U J	0.40	U J

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-09 (0-2)		TRC-SB-10 (0-2)		TRC-SB-11 (0-2)		TRC-SB-11 (4-6)		TRC-SB-12 (3-5)		TRC-SB-12 (10-12)		TRC-SB-13 (0-2)		TRC-SB-13 (6-8)	
LABORATORY SAMPLE ID:			460-226591-9		460-226591-6		460-227322-7		460-227322-8		460-227322-5		460-227322-6		460-227322-1		460-227322-2	
DATE SAMPLE COLLECTED:			1/15/2021		1/15/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U J	0.38	U	0.40	U
Carbazole	NC	NC	0.35	U	40	U	0.18	J	0.018	J	0.61		0.054	J	0.72		0.23	J
Chrysene	3.9	1	0.35	U	40	U	1.2		0.16	J	3.3		0.70		2.9		1.2	
Dibenz(a,h)anthracene	0.33	1,000	0.035	U	4.0	U	0.19		0.030	J	0.61		0.13		0.49		0.19	
Dibenzofuran	59	210	0.35	U	39	J	0.17	J	0.44	U	0.87		0.086	J	0.84		0.16	J
Diethyl phthalate	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
Dimethyl phthalate	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
Di-n-butyl phthalate	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
Di-n-octyl phthalate	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
Fluoranthene	100	1,000	0.35	U	3.4	J	2.1		0.30	J	6.1		1.4		5.1		2.2	
Fluorene	100	386	0.35	U	24	J	0.27	J	0.015	J	1.2		0.11	J	0.70		0.21	J
Hexachlorobenzene	1.2	3.2	0.035	U	4.0	U	0.043	U	0.044	U	0.037	U	0.039	U	0.038	U	0.040	U
Hexachlorobutadiene	NC	NC	0.072	U	8.1	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
Hexachlorocyclopentadiene	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
Hexachloroethane	NC	NC	0.035	U	4.0	U	0.043	U	0.044	U	0.037	U	0.039	U	0.038	U	0.040	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.035	U	4.0	U	0.69		0.11		2.2		0.50		1.7		0.67	
Isophorone	NC	NC	0.14	U	16	U	0.18	U	0.18	U	0.15	U	0.16	U	0.15	U	0.16	U
Naphthalene	100	12	0.35	U	150		0.32	J	0.035	J	1.0		0.052	J	1.3		0.13	J
Nitrobenzene	NC	NC	0.035	U	4.0	U	0.043	U	0.044	U	0.037	U	0.039	U	0.038	U	0.040	U
N-Nitrosodi-n-propylamine	NC	NC	0.035	U	4.0	U	0.043	U	0.044	U	0.037	U	0.039	U	0.038	U	0.040	U
N-Nitrosodiphenylamine	NC	NC	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.38	U	0.40	U
Pentachlorophenol	6.7	0.8	0.29	U	32	U	0.35	U	0.35	U	0.30	U	0.31	U	0.30	U	0.32	U
Phenanthrene	100	1,000	0.35	U	21	J	2.9		0.24	J	8.3		1.2		6.8		2.4	
Phenol	100	0.33	0.35	U	40	U	0.43	U	0.44	U	0.37	U	0.39	U	0.039	J	0.018	J
Pyrene	100	1,000	0.35	U	3.4	J	3.0		0.38	J	7.8		1.5		6.4		2.9	

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-14 (0-2)		TRC-SB-14 (8-10)		TRC-SB-15 (0-2)		TRC-SB-15 (9-11)		TRC-SB-16 (0-2)		TRC-SB-17 (0-2)		TRC-SB-17 (6-8)		TRC-SB-18 (0-2)	
LABORATORY SAMPLE ID:			460-227322-3		460-227322-4		460-226524-5		460-226524-6		460-226591-8		460-228242-1		460-228242-2		460-226591-7	
DATE SAMPLE COLLECTED:			1/27/2021		1/27/2021		1/14/2021		1/14/2021		1/15/2021		2/15/2021		2/15/2021		1/15/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.079	J	0.37	U	0.36	U	0.42	U	0.098	J	0.36	U J	0.36	U	0.40	J
1,2,4,5-Tetrachlorobenzene	NC	NC	0.38	U J	0.37	U J	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.38	U J	0.37	U J	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.38	U J	0.37	U J	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
2,4,5-Trichlorophenol	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
2,4,6-Trichlorophenol	NC	NC	0.15	U	0.15	U	0.15	U	0.17	U	0.16	U	0.14	U J	0.15	U	0.17	U
2,4-Dichlorophenol	NC	NC	0.15	U	0.15	U	0.15	U	0.17	U	0.16	U	0.14	U J	0.15	U	0.17	U
2,4-Dimethylphenol	NC	NC	0.034	J	0.37	U	0.36	U	0.42	U	0.11	J	0.36	U J	0.36	U	0.43	U
2,4-Dinitrophenol	NC	NC	0.31	U	0.30	U	0.29	U	0.34	U	0.32	U	0.29	U J	0.29	U	0.35	U
2,4-Dinitrotoluene	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U J	0.073	U	0.087	U
2,6-Dinitrotoluene	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U J	0.073	U	0.087	U
2-Chloronaphthalene	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
2-Chlorophenol	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
2-Methylnaphthalene	NC	NC	0.21	J	0.37	U	0.025	J	0.42	U	0.56		0.36	U J	0.36	U	2.3	
2-Methylphenol	100	0.33	0.021	J	0.37	U	0.36	U	0.42	U	0.034	J	0.36	U J	0.36	U	0.43	U
2-Nitroaniline	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
2-Nitrophenol	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
3,3'-Dichlorobenzidine	NC	NC	0.15	U	0.15	U	0.15	U	0.17	U	0.16	U	0.14	U J	0.15	U	0.17	U
3-Nitroaniline	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
4,6-Dinitro-2-methylphenol	NC	NC	0.31	U	0.30	U	0.29	U	0.34	U	0.32	U	0.29	U J	0.29	U	0.35	U
4-Bromophenyl phenyl ether	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
4-Chloro-3-methylphenol	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
4-Chloroaniline	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
4-Chlorophenyl phenyl ether	NC	NC	0.38	U J	0.37	U J	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
4-Methylphenol	100	0.33	0.056	J	0.37	U	0.36	U	0.42	U	0.046	J	0.36	U J	0.36	U	0.43	U
4-Nitroaniline	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
4-Nitrophenol	NC	NC	0.78	U	0.75	U	0.74	U	0.84	U	0.81	U	0.73	U J	0.73	U	0.87	U
Acenaphthene	100	98	0.41		0.37	U	0.066	J	0.42	U J	0.60		0.36	U J	0.36	U	0.50	
Acenaphthylene	100	107	0.21	J	0.37	U	0.042	J	0.42	U	0.40	U	0.36	U J	0.36	U	0.026	J
Acetophenone	NC	NC	0.38	U	0.37	U	0.024	J	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
Anthracene	100	1,000	1.2		0.37	U	0.22	J	0.42	U	0.080	J	0.36	U J	0.36	U	0.069	J
Atrazine	NC	NC	0.15	U	0.15	U	0.15	U J	0.17	U J	0.16	U	0.14	U J	0.15	U	0.17	U
Benzaldehyde	NC	NC	0.38	U J	0.37	U J	0.36	U J	0.42	U J	0.40	U J	0.36	U J	0.36	U J	0.43	U J
Benzo[a]anthracene	1	1	2.4		0.042		0.67		0.042	U	0.15		0.036	U J	0.036	U	0.045	
Benzo[a]pyrene	1	22	2.3		0.048		0.77	J	0.042	U J	0.13		0.036	U J	0.036	U	0.042	J
Benzo[b]fluoranthene	1	1.7	2.7		0.054		0.93		0.042	U	0.16		0.036	U J	0.036	U	0.046	
Benzo[g,h,i]perylene	100	1,000	1.1		0.030	J	0.49		0.42	U	0.072	J	0.36	U J	0.36	U	0.033	J
Benzo[k]fluoranthene	3.9	1.7	0.99		0.022	J	0.29		0.042	U	0.052		0.036	U J	0.036	U	0.014	J
Bis(2-chloroethoxy)methane	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
Bis(2-chloroethyl)ether	NC	NC	0.038	U	0.037	U	0.036	U	0.042	U	0.040	U	0.036	U J	0.036	U	0.043	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.097	J	0.37	U	0.36	U	0.42	U	0.25	J	0.36	U J	0.36	U	0.43	U
Butyl benzyl phthalate	NC	NC	0.38	U J	0.37	U J	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-14 (0-2)		TRC-SB-14 (8-10)		TRC-SB-15 (0-2)		TRC-SB-15 (9-11)		TRC-SB-16 (0-2)		TRC-SB-17 (0-2)		TRC-SB-17 (6-8)		TRC-SB-18 (0-2)	
LABORATORY SAMPLE ID:			460-227322-3		460-227322-4		460-226524-5		460-226524-6		460-226591-8		460-228242-1		460-228242-2		460-226591-7	
DATE SAMPLE COLLECTED:			1/27/2021		1/27/2021		1/14/2021		1/14/2021		1/15/2021		2/15/2021		2/15/2021		1/15/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
Carbazole	NC	NC	0.51		0.37	U	0.053	J	0.42	U	0.039	J	0.36	U J	0.36	U	0.43	U
Chrysene	3.9	1	2.4		0.039	J	0.64		0.42	U J	0.26	J	0.36	U J	0.36	U	0.066	J
Dibenz(a,h)anthracene	0.33	1,000	0.40		0.037	U	0.16	J	0.042	U	0.040	U	0.036	U J	0.036	U	0.043	U
Dibenzofuran	59	210	0.46		0.37	U	0.038	J	0.42	U	0.22	J	0.36	U J	0.36	U	0.40	J
Diethyl phthalate	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
Dimethyl phthalate	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
Di-n-butyl phthalate	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.27	J	0.36	U J	0.36	U	0.43	U
Di-n-octyl phthalate	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
Fluoranthene	100	1,000	4.3		0.059	J	1.1		0.42	U	0.23	J	0.36	U J	0.36	U	0.077	J
Fluorene	100	386	0.42		0.37	U	0.068	J	0.42	U	0.11	J	0.36	U J	0.36	U	0.28	J
Hexachlorobenzene	1.2	3.2	0.038	U	0.037	U	0.036	U J	0.042	U J	0.040	U	0.036	U J	0.036	U	0.043	U
Hexachlorobutadiene	NC	NC	0.078	U	0.075	U	0.074	U J	0.084	U J	0.081	U	0.073	U J	0.073	U	0.087	U
Hexachlorocyclopentadiene	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
Hexachloroethane	NC	NC	0.038	U	0.037	U	0.036	U	0.042	U	0.040	U	0.036	U J	0.036	U	0.043	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	1.3		0.033	J	0.53		0.042	U	0.069		0.036	U J	0.036	U	0.031	J
Isophorone	NC	NC	0.15	U	0.15	U	0.15	U	0.17	U	0.16	U	0.14	U J	0.15	U	0.17	U
Naphthalene	100	12	0.26	J	0.0095	J	0.038	J	0.42	U	1.5		0.36	U J	0.36	U	1.4	
Nitrobenzene	NC	NC	0.038	U	0.037	U	0.036	U	0.042	U	0.040	U	0.036	U J	0.036	U	0.043	U
N-Nitrosodi-n-propylamine	NC	NC	0.038	U	0.037	U	0.036	U	0.042	U	0.040	U	0.036	U J	0.036	U	0.043	U
N-Nitrosodiphenylamine	NC	NC	0.38	U	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
Pentachlorophenol	6.7	0.8	0.31	U	0.30	U	0.29	U	0.34	U	0.32	U	0.29	U J	0.29	U	0.35	U
Phenanthrene	100	1,000	5.5		0.036	J	0.77		0.42	U	0.38	J	0.36	U J	0.36	U	0.28	J
Phenol	100	0.33	0.035	J	0.37	U	0.36	U	0.42	U	0.40	U	0.36	U J	0.36	U	0.43	U
Pyrene	100	1,000	5.1		0.079	J	1.2		0.42	U	0.31	J	0.36	U J	0.36	U	0.073	J

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-19 (0-2)		TRC-SB-19 (5.5-7.5)		TRC-SB-20 (0-2)		TRC-SB-20 (2.5-4.5)		TRC-SB-22 (3-5)		TRC-SB-22 (6.5-8.5)		TRC-TP-1 (15-16)		TRC-TP-2 (18.5-19)	
LABORATORY SAMPLE ID:			460-228242-3		460-228242-4		460-228242-5		460-228242-6		460-228242-7		460-228242-8		460-230142-1		460-230480-1	
DATE SAMPLE COLLECTED:			2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		3/17/2021		3/22/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.024	J
1,2,4,5-Tetrachlorobenzene	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
2,4,5-Trichlorophenol	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
2,4,6-Trichlorophenol	NC	NC	0.14	U	0.15	U	0.14	U	0.15	U	0.16	U	0.18	U	0.18	U	0.15	U
2,4-Dichlorophenol	NC	NC	0.14	U	0.15	U	0.14	U	0.15	U	0.16	U	0.18	U	0.18	U	0.15	U
2,4-Dimethylphenol	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
2,4-Dinitrophenol	NC	NC	0.29	U	0.30	U	0.29	U	0.30	U	0.32	U	0.35	U	0.36	U	0.31	U
2,4-Dinitrotoluene	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.091	U	0.078	U
2,6-Dinitrotoluene	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.091	U	0.078	U
2-Chloronaphthalene	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
2-Chlorophenol	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
2-Methylnaphthalene	NC	NC	0.026	J	0.37	U	0.36	U	0.37	U	0.026	J	0.041	J	0.45	U	0.061	J
2-Methylphenol	100	0.33	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
2-Nitroaniline	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
2-Nitrophenol	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U J	0.38	U
3,3'-Dichlorobenzidine	NC	NC	0.14	U	0.15	U	0.14	U	0.15	U	0.16	U	0.18	U	0.18	U	0.15	U
3-Nitroaniline	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
4,6-Dinitro-2-methylphenol	NC	NC	0.29	U	0.30	U	0.29	U	0.30	U	0.32	U	0.35	U	0.36	U	0.31	U
4-Bromophenyl phenyl ether	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
4-Chloro-3-methylphenol	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
4-Chloroaniline	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
4-Chlorophenyl phenyl ether	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
4-Methylphenol	100	0.33	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.28	J	0.45	U	0.38	U
4-Nitroaniline	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
4-Nitrophenol	NC	NC	0.72	U	0.75	U	0.73	U	0.75	U	0.80	U	0.88	U	0.91	U	0.78	U
Acenaphthene	100	98	0.044	J	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.014	J	0.14	J
Acenaphthylene	100	107	0.35	U	0.37	U	0.36	U	0.37	U	0.022	J	0.043	J	0.45	U	0.043	J
Acetophenone	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Anthracene	100	1,000	0.051	J	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.046	J	0.34	J
Atrazine	NC	NC	0.14	U	0.15	U	0.14	U	0.15	U	0.16	U	0.18	U	0.18	U	0.15	U
Benzaldehyde	NC	NC	0.35	U J	0.37	U J	0.36	U J	0.37	U J	0.39	U J	0.10	U J	0.45	U J	0.38	U
Benzo[a]anthracene	1	1	0.18		0.037	U	0.036	U	0.022	J	0.039	U	0.043	U	0.13		0.73	
Benzo[a]pyrene	1	22	0.18		0.037	U	0.036	U	0.013	J	0.013	J	0.016	J	0.11		0.68	
Benzo[b]fluoranthene	1	1.7	0.22		0.037	U	0.036	U	0.014	J	0.052		0.080		0.13		0.85	
Benzo[g,h,i]perylene	100	1,000	0.083	J	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.054	J	0.45	
Benzo[k]fluoranthene	3.9	1.7	0.090		0.037	U	0.036	U	0.037	U	0.039	U	0.043	U	0.068		0.26	
Bis(2-chloroethoxy)methane	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Bis(2-chloroethyl)ether	NC	NC	0.035	U	0.037	U	0.036	U	0.037	U	0.039	U	0.043	U	0.045	U	0.038	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Butyl benzyl phthalate	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-19 (0-2)		TRC-SB-19 (5.5-7.5)		TRC-SB-20 (0-2)		TRC-SB-20 (2.5-4.5)		TRC-SB-22 (3-5)		TRC-SB-22 (6.5-8.5)		TRC-TP-1 (15-16)		TRC-TP-2 (18.5-19)	
LABORATORY SAMPLE ID:			460-228242-3		460-228242-4		460-228242-5		460-228242-6		460-228242-7		460-228242-8		460-230142-1		460-230480-1	
DATE SAMPLE COLLECTED:			2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		3/17/2021		3/22/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Carbazole	NC	NC	0.043	J	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.12	J
Chrysene	3.9	1	0.18	J	0.37	U	0.36	U	0.020	J	0.083	J	0.19	J	0.11	J	0.70	
Dibenz(a,h)anthracene	0.33	1,000	0.027	J	0.037	U	0.036	U	0.037	U	0.039	U	0.043	U	0.027	J	0.14	
Dibenzofuran	59	210	0.044	J	0.37	U	0.36	U	0.37	U	0.39	U	0.013	J	0.45	U	0.12	J
Diethyl phthalate	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Dimethyl phthalate	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Di-n-butyl phthalate	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Di-n-octyl phthalate	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Fluoranthene	100	1,000	0.40		0.37	U	0.36	U	0.025	J	0.031	J	0.075	J	0.25	J	1.3	
Fluorene	100	386	0.024	J	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.18	J
Hexachlorobenzene	1.2	3.2	0.035	U	0.037	U	0.036	U	0.037	U	0.039	U	0.043	U	0.045	U	0.038	U
Hexachlorobutadiene	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.091	U	0.078	U
Hexachlorocyclopentadiene	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Hexachloroethane	NC	NC	0.035	U	0.037	U	0.036	U	0.037	U	0.039	U	0.043	U	0.045	U	0.038	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.091		0.037	U	0.036	U	0.037	U	0.039	U	0.018	J	0.10		0.46	
Isophorone	NC	NC	0.14	U	0.15	U	0.14	U	0.15	U	0.16	U	0.18	U	0.18	U	0.15	U
Naphthalene	100	12	0.080	J	0.37	U	0.36	U	0.37	U	0.064	J	0.14	J	0.45	U	0.098	J
Nitrobenzene	NC	NC	0.035	U	0.037	U	0.036	U	0.037	U	0.039	U	0.043	U	0.045	U	0.038	U
N-Nitrosodi-n-propylamine	NC	NC	0.035	U	0.037	U	0.036	U	0.037	U	0.039	U	0.043	U	0.045	U	0.038	U
N-Nitrosodiphenylamine	NC	NC	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.43	U	0.45	U	0.38	U
Pentachlorophenol	6.7	0.8	0.29	U	0.30	U	0.29	U	0.30	U	0.32	U	0.35	U	0.36	U	0.31	U
Phenanthrene	100	1,000	0.45		0.37	U	0.36	U	0.032	J	0.060	J	0.12	J	0.16	J	1.2	
Phenol	100	0.33	0.35	U	0.37	U	0.36	U	0.37	U	0.39	U	0.022	J	0.45	U	0.38	U
Pyrene	100	1,000	0.40		0.37	U	0.36	U	0.038	J	0.029	J	0.063	J	0.27	J	1.3	

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-TP-3 (15-16)		TRC-TP-4 (21-22)		LOT01-SB-01		LOT01-SB-02		LOT06-SB-03		LOT06-SB-04		TRC-SB-02-N1 (0-2)		TRC-SB-02-N2 (0-2)	
LABORATORY SAMPLE ID:			460-229498-1		460-229734-1		460-216437-1		460-216437-2		460-216341-1		460-216341-2		460-248403-1		460-248403-2	
DATE SAMPLE COLLECTED:			3/8/2021		3/11/2021		8/19/2020		8/19/2020		8/18/2020		8/18/2020		12/2/2021		12/3/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.39	U	0.36	U	0.48	U	0.27	J	0.37	U	0.022	J	0.33	J	1.0	
1,2,4,5-Tetrachlorobenzene	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
2,4,5-Trichlorophenol	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
2,4,6-Trichlorophenol	NC	NC	0.16	U	0.15	U	0.19	U	0.20	U	0.15	U	0.15	U	0.14	U	0.18	U
2,4-Dichlorophenol	NC	NC	0.16	U	0.15	U	0.19	U	0.20	U	0.15	U	0.15	U	0.14	U	0.18	U
2,4-Dimethylphenol	NC	NC	0.39	U	0.36	U	0.48	U	0.18	J	0.37	U	0.37	U	0.62		0.50	
2,4-Dinitrophenol	NC	NC	0.31	U	0.29	U	0.39	U	0.40	U	0.30	U	0.30	U	0.28	U	0.36	U
2,4-Dinitrotoluene	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
2,6-Dinitrotoluene	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
2-Chloronaphthalene	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
2-Chlorophenol	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
2-Methylnaphthalene	NC	NC	0.39	U	0.36	U	0.016	J	1.6		0.37	U	0.016	J	1.8		4.1	
2-Methylphenol	100	0.33	0.39	U	0.36	U	0.48	U	0.029	J	0.37	U	0.37	U	0.077	J	0.45	U
2-Nitroaniline	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
2-Nitrophenol	NC	NC	0.39	U	0.36	U J	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
3,3'-Dichlorobenzidine	NC	NC	0.16	U	0.15	U	0.19	U	0.20	U	0.15	U	0.15	U	0.14	U	0.18	U
3-Nitroaniline	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
4,6-Dinitro-2-methylphenol	NC	NC	0.31	U	0.29	U	0.39	U	0.40	U	0.30	U	0.30	U	0.28	U	0.36	U
4-Bromophenyl phenyl ether	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
4-Chloro-3-methylphenol	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
4-Chloroaniline	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
4-Chlorophenyl phenyl ether	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
4-Methylphenol	100	0.33	0.39	U	0.36	U	0.48	U	0.047	J	0.37	U	0.37	U	0.16	J	0.45	U
4-Nitroaniline	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
4-Nitrophenol	NC	NC	0.79	U	0.74	U	0.98	U	1.0	U	0.76	U	0.75	U	0.71	U	0.91	U
Acenaphthene	100	98	0.39	U	0.014	J	0.48	U	2.4		0.37	U	0.030	J	4.4		9.9	
Acenaphthylene	100	107	0.39	U	0.020	J	0.48	U	0.083	J	0.37	U	0.021	J	0.065	J	0.45	U
Acetophenone	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
Anthracene	100	1,000	0.39	U	0.040	J	0.48	U	0.069	J	0.37	U	0.11	J	0.23	J	0.18	J
Atrazine	NC	NC	0.16	U	0.15	U	0.19	U	0.20	U	0.15	U	0.15	U	0.14	U	0.18	U
Benzaldehyde	NC	NC	0.39	U	0.36	U J	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
Benzo[a]anthracene	1	1	0.035	J	0.21		0.048	U	0.049	U	0.037	U	0.47		0.032	J	0.023	J
Benzo[a]pyrene	1	22	0.035	J	0.22		0.013	J	0.049	U	0.037	U	0.64		0.017	J	0.045	U
Benzo[b]fluoranthene	1	1.7	0.050		0.27		0.048	U	0.11	J	0.037	U	0.74		0.020	J	0.016	J
Benzo[g,h,i]perylene	100	1,000	0.026	J	0.12	J	0.48	U	0.050	J	0.37	U	0.35	J	0.011	J	0.45	U
Benzo[k]fluoranthene	3.9	1.7	0.020	J	0.093		0.048	U	0.049	U	0.037	U	0.34		0.0097	J	0.045	U
Bis(2-chloroethoxy)methane	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
Bis(2-chloroethyl)ether	NC	NC	0.039	U	0.036	U	0.048	U	0.049	U	0.037	U	0.037	U	0.035	U	0.045	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.39	U	0.36	U	0.48	U	0.60		0.37	U	0.37	U	0.35	U	0.36	J
Butyl benzyl phthalate	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-TP-3 (15-16)		TRC-TP-4 (21-22)		LOT01-SB-01		LOT01-SB-02		LOT06-SB-03		LOT06-SB-04		TRC-SB-02-N1 (0-2)		TRC-SB-02-N2 (0-2)	
LABORATORY SAMPLE ID:			460-229498-1		460-229734-1		460-216437-1		460-216437-2		460-216341-1		460-216341-2		460-248403-1		460-248403-2	
DATE SAMPLE COLLECTED:			3/8/2021		3/11/2021		8/19/2020		8/19/2020		8/18/2020		8/18/2020		12/2/2021		12/3/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
Carbazole	NC	NC	0.39	U	0.017	J	0.48	U	0.053	J	0.37	U	0.035	J	0.015	J	0.054	J
Chrysene	3.9	1	0.031	J	0.19	J	0.48	U	0.28	J	0.37	U	0.51		0.038	J	0.032	J
Dibenz(a,h)anthracene	0.33	1,000	0.039	U	0.036	U	0.048	U	0.049	U	0.037	U	0.12		0.035	U	0.045	U
Dibenzofuran	59	210	0.39	U	0.36	U	0.48	U	0.62		0.37	U	0.030	J	0.62		2.3	
Diethyl phthalate	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
Dimethyl phthalate	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
Di-n-butyl phthalate	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.014	J	0.32	J
Di-n-octyl phthalate	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
Fluoranthene	100	1,000	0.038	J	0.42		0.48	U	0.11	J	0.37	U	0.73		0.20	J	0.049	J
Fluorene	100	386	0.39	U	0.36	U	0.48	U	0.24	J	0.37	U	0.028	J	0.36		1.4	
Hexachlorobenzene	1.2	3.2	0.039	U	0.036	U	0.048	U	0.049	U	0.037	U	0.037	U	0.035	U	0.045	U
Hexachlorobutadiene	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
Hexachlorocyclopentadiene	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
Hexachloroethane	NC	NC	0.039	U	0.036	U	0.048	U	0.049	U	0.037	U	0.037	U	0.035	U	0.045	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.028	J	0.16		0.048	U	0.049		0.037	U	0.44		0.033	J	0.045	U
Isophorone	NC	NC	0.16	U	0.15	U	0.19	U	0.20	U	0.15	U	0.15	U	0.14	U	0.18	U
Naphthalene	100	12	0.016	J	0.015	J	0.48	U	3.2		0.37	U	0.038	J	3.6		8.0	
Nitrobenzene	NC	NC	0.039	U	0.036	U	0.048	U	0.049	U	0.037	U	0.037	U	0.035	U	0.045	U
N-Nitrosodi-n-propylamine	NC	NC	0.039	U	0.036	U	0.048	U	0.049	U	0.037	U	0.037	U	0.035	U	0.045	U
N-Nitrosodiphenylamine	NC	NC	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.35	U	0.45	U
Pentachlorophenol	6.7	0.8	0.31	U	0.29	U	0.39	U	0.40	U	0.30	U	0.30	U	0.28	U	0.36	U
Phenanthrene	100	1,000	0.014	J	0.20	J	0.025	J	0.48	J	0.37	U	0.43		0.33	J	0.66	
Phenol	100	0.33	0.39	U	0.36	U	0.48	U	0.49	U	0.37	U	0.37	U	0.091	J	0.45	U
Pyrene	100	1,000	0.041	J	0.40		0.48	U	0.16	J	0.37	U	0.68		0.21	J	0.060	J

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-02-E (0-2)		TRC-SB-02-S1 (0-2)		TRC-SB-02-S2 (0-2)		TRC-SB-02-W (0-2)		TRC-SB-10-N (0-2)		TRC-SB-10-E1 (0-2)		TRC-SB-10-E2 (0-2)		TRC-SB-10-S1 (0-2)	
LABORATORY SAMPLE ID:			460-248310-3		460-248310-1		460-248310-2		460-248310-5		460-248310-12		460-248310-10		460-248310-11		460-248310-7	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.41	U	1.4	J	0.49	U	0.078	J	13		0.62	J	0.83		20	
1,2,4,5-Tetrachlorobenzene	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
2,4,5-Trichlorophenol	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
2,4,6-Trichlorophenol	NC	NC	0.17	U	1.6	U	0.20	U	0.25	U	0.17	U	0.34	U	0.17	U	0.15	U
2,4-Dichlorophenol	NC	NC	0.17	U	1.6	U	0.20	U	0.25	U	0.17	U	0.34	U	0.17	U	0.15	U
2,4-Dimethylphenol	NC	NC	0.41	U	4.0		0.49	U	0.68		1.7		0.89		1.9		0.27	J
2,4-Dinitrophenol	NC	NC	0.33	U	3.1	U	0.40	U	0.50	U	0.33	U	0.68	U	0.34	U	0.30	U
2,4-Dinitrotoluene	NC	NC	0.084	U	0.79	U	0.10	U	0.13	U	0.083	U	0.17	U	0.085	U	0.076	U
2,6-Dinitrotoluene	NC	NC	0.084	U	0.79	U	0.10	U	0.13	U	0.083	U	0.17	U	0.085	U	0.076	U
2-Chloronaphthalene	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
2-Chlorophenol	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
2-Methylnaphthalene	NC	NC	0.41	U	12		0.49	U	0.41	J	48		5.5		9.8		120	
2-Methylphenol	100	0.33	0.41	U	1.0	J	0.49	U	0.24	J	0.13	J	0.16	J	0.59		0.37	U
2-Nitroaniline	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
2-Nitrophenol	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
3,3'-Dichlorobenzidine	NC	NC	0.17	U	1.6	U	0.20	U	0.25	U	0.17	U	0.34	U	0.17	U	0.15	U
3-Nitroaniline	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
4,6-Dinitro-2-methylphenol	NC	NC	0.33	U	3.1	U	0.40	U	0.50	U	0.33	U	0.68	U	0.34	U	0.30	U
4-Bromophenyl phenyl ether	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
4-Chloro-3-methylphenol	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
4-Chloroaniline	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
4-Chlorophenyl phenyl ether	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
4-Methylphenol	100	0.33	0.41	U	1.6	J	0.49	U	0.35	J	0.59		0.67	J	1.9		0.090	J
4-Nitroaniline	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
4-Nitrophenol	NC	NC	0.84	U	7.9	U	1.0	U	1.3	U	0.83	U	1.7	U	0.85	U	0.76	U
Acenaphthene	100	98	0.064	J	1.3	J	0.037	J	0.25	J	30		7.0		15		26	
Acenaphthylene	100	107	0.41	U	3.9	U	0.49	U	0.045	J	0.41	U	0.11	J	0.26	J	0.50	
Acetophenone	NC	NC	0.41	U	3.9	U	0.49	U	0.16	J	0.41	U	0.85	U	0.10	J	0.37	U
Anthracene	100	1,000	0.41	U	3.9	U	0.49	U	0.13	J	3.9		0.31	J	1.2		2.7	
Atrazine	NC	NC	0.17	U	1.6	U	0.20	U	0.25	U	0.17	U	0.34	U	0.17	U	0.15	U
Benzaldehyde	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
Benzo[a]anthracene	1	1	0.041	U	0.39	U	0.044	J	0.062	U	0.80		0.048	J	0.12		0.26	
Benzo[a]pyrene	1	22	0.041	U	0.39	U	0.035	J	0.18		0.36		0.085	U	0.059		0.070	
Benzo[b]fluoranthene	1	1.7	0.041	U	0.39	U	0.045	J	0.062	U	0.69		0.037	J	0.086		0.14	
Benzo[g,h,i]perylene	100	1,000	0.41	U	0.12	J	0.026	J	0.62	U	0.31	J	0.85	U	0.040	J	0.044	J
Benzo[k]fluoranthene	3.9	1.7	0.041	U	0.39	U	0.017	J	0.062	U	0.24		0.024	J	0.028	J	0.049	
Bis(2-chloroethoxy)methane	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
Bis(2-chloroethyl)ether	NC	NC	0.041	U	0.39	U	0.049	U	0.062	U	0.041	U	0.085	U	0.042	U	0.037	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.41	U	3.9	U	0.49	U	0.12	J	0.41	U	0.85	U	0.42	U	0.37	U
Butyl benzyl phthalate	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-02-E (0-2)		TRC-SB-02-S1 (0-2)		TRC-SB-02-S2 (0-2)		TRC-SB-02-W (0-2)		TRC-SB-10-N (0-2)		TRC-SB-10-E1 (0-2)		TRC-SB-10-E2 (0-2)		TRC-SB-10-S1 (0-2)	
LABORATORY SAMPLE ID:			460-248310-3		460-248310-1		460-248310-2		460-248310-5		460-248310-12		460-248310-10		460-248310-11		460-248310-7	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
Carbazole	NC	NC	0.41	U	3.9	U	0.49	U	0.028	J	0.21	J	0.041	J	0.12	J	0.16	J
Chrysene	3.9	1	0.41	U	3.9	U	0.034	J	0.49	J	0.73		0.037	J	0.12	J	0.24	J
Dibenz(a,h)anthracene	0.33	1,000	0.041	U	0.39	U	0.049	U	0.062	U	0.064		0.085	U	0.042	U	0.037	U
Dibenzofuran	59	210	0.41	U	1.1	J	0.49	U	0.098	J	22		7.0		15		22	
Diethyl phthalate	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
Dimethyl phthalate	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
Di-n-butyl phthalate	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.041	J	0.040	J	0.42	U	0.37	U
Di-n-octyl phthalate	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
Fluoranthene	100	1,000	0.41	U	3.9	U	0.086	J	0.13	J	3.5		0.12	J	0.57		1.7	
Fluorene	100	386	0.41	U	0.26	J	0.0088	J	0.62	U	15		3.6		7.8		14	
Hexachlorobenzene	1.2	3.2	0.041	U	0.39	U	0.049	U	0.062	U	0.041	U	0.085	U	0.042	U	0.037	U
Hexachlorobutadiene	NC	NC	0.084	U	0.79	U	0.10	U	0.13	U	0.083	U	0.17	U	0.085	U	0.076	U
Hexachlorocyclopentadiene	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
Hexachloroethane	NC	NC	0.041	U	0.39	U	0.049	U	0.062	U	0.041	U	0.085	U	0.042	U	0.037	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.041	U	0.39	U	0.028	J	0.093		0.41		0.085	U	0.072		0.083	
Isophorone	NC	NC	0.17	U	1.6	U	0.20	U	0.25	U	0.17	U	0.34	U	0.17	U	0.15	U
Naphthalene	100	12	0.025	J	40		0.027	J	1.2		25		11		16		69	
Nitrobenzene	NC	NC	0.041	U	0.39	U	0.049	U	0.062	U	0.041	U	0.085	U	0.042	U	0.037	U
N-Nitrosodi-n-propylamine	NC	NC	0.041	U	0.39	U	0.049	U	0.062	U	0.041	U	0.085	U	0.042	U	0.037	U
N-Nitrosodiphenylamine	NC	NC	0.41	U	3.9	U	0.49	U	0.62	U	0.41	U	0.85	U	0.42	U	0.37	U
Pentachlorophenol	6.7	0.8	0.33	U	3.1	U	0.40	U	0.50	U	0.33	U	0.68	U	0.34	U	0.30	U
Phenanthrene	100	1,000	0.41	U	0.19	J	0.061	J	0.38	J	13		1.8		4.5		11	
Phenol	100	0.33	0.41	U	0.27	J	0.49	U	0.12	J	0.17	J	0.26	J	0.87		0.37	U
Pyrene	100	1,000	0.41	U	3.9	U	0.075	J	0.37	J	2.8		0.084	J	0.48		1.4	

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-10-S2 (0-2)		TRC-SB-10-S3 (0-2)		TRC-SB-10-W (0-2)		TRC-SB-11-N (0-2)		TRC-SB-11-N (4-6)		TRC-SB-11-N (8-10)		TRC-SB-11-E (0-2)		TRC-SB-11-E (4-6)	
LABORATORY SAMPLE ID:			460-248310-8		460-248310-9		460-248310-6		460-248242-8		460-248242-9		460-248242-10		460-248242-5		460-248242-6	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	1.2		0.026	J	1.1		0.37	U	0.15	J	0.37	U	0.84		1.2	
1,2,4,5-Tetrachlorobenzene	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
2,4,5-Trichlorophenol	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
2,4,6-Trichlorophenol	NC	NC	0.20	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
2,4-Dichlorophenol	NC	NC	0.20	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
2,4-Dimethylphenol	NC	NC	0.46	J	0.022	J	3.3		0.37	U	0.066	J	0.37	U	0.049	J	0.13	J
2,4-Dinitrophenol	NC	NC	0.40	U	0.33	U	0.31	U	0.30	U	0.30	U	0.30	U	0.30	U	0.31	U
2,4-Dinitrotoluene	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
2,6-Dinitrotoluene	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
2-Chloronaphthalene	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.094	J	0.37	U	0.38	U	0.39	U
2-Chlorophenol	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
2-Methylnaphthalene	NC	NC	2.7		0.18	J	8.6		0.012	J	0.49		0.37	U	2.1		3.5	
2-Methylphenol	100	0.33	0.16	J	0.41	U	0.58		0.37	U	0.070	J	0.37	U	0.049	J	0.10	J
2-Nitroaniline	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
2-Nitrophenol	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
3,3'-Dichlorobenzidine	NC	NC	0.20	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
3-Nitroaniline	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
4,6-Dinitro-2-methylphenol	NC	NC	0.40	U	0.33	U	0.31	U	0.30	U	0.30	U	0.30	U	0.30	U	0.31	U
4-Bromophenyl phenyl ether	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
4-Chloro-3-methylphenol	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
4-Chloroaniline	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
4-Chlorophenyl phenyl ether	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
4-Methylphenol	100	0.33	0.39	J	0.41	U	2.2		0.37	U	0.14	J	0.37	U	0.19	J	0.33	J
4-Nitroaniline	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
4-Nitrophenol	NC	NC	1.0	U	0.83	U	0.79	U	0.76	U	0.76	U	0.76	U	0.77	U	0.79	U
Acenaphthene	100	98	1.1		0.11	J	10		0.024	J	0.64		0.37	U	2.6		2.7	
Acenaphthylene	100	107	0.49	U	0.41	U	0.11	J	0.034	J	0.34	J	0.37	U	3.6		3.5	
Acetophenone	NC	NC	0.49	U	0.41	U	0.14	J	0.37	U	0.063	J	0.37	U	0.38	U	0.39	U
Anthracene	100	1,000	0.062	J	0.41	U	0.069	J	0.099	J	1.2		0.37	U	13		11	
Atrazine	NC	NC	0.20	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
Benzaldehyde	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
Benzo[a]anthracene	1	1	0.020	J	0.026	J	0.038	J	0.42		2.5		0.031	J	26		20	
Benzo[a]pyrene	1	22	0.049	U	0.012	J	0.027	J	0.40		2.2		0.025	J	23		16	
Benzo[b]fluoranthene	1	1.7	0.049	U	0.019	J	0.046		0.56		3.2		0.031	J	30		21	
Benzo[g,h,i]perylene	100	1,000	0.49	U	0.41	U	0.029	J	0.20	J	0.97		0.015	J	11		7.0	
Benzo[k]fluoranthene	3.9	1.7	0.049	U	0.041	U	0.016	J	0.19		1.1		0.014	J	11		7.1	
Bis(2-chloroethoxy)methane	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
Bis(2-chloroethyl)ether	NC	NC	0.049	U	0.041	U	0.039	U	0.037	U	0.037	U	0.037	U	0.038	U	0.039	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.26	J	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
Butyl benzyl phthalate	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-10-S2 (0-2)		TRC-SB-10-S3 (0-2)		TRC-SB-10-W (0-2)		TRC-SB-11-N (0-2)		TRC-SB-11-N (4-6)		TRC-SB-11-N (8-10)		TRC-SB-11-E (0-2)		TRC-SB-11-E (4-6)	
LABORATORY SAMPLE ID:			460-248310-8		460-248310-9		460-248310-6		460-248242-8		460-248242-9		460-248242-10		460-248242-5		460-248242-6	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
Carbazole	NC	NC	0.099	J	0.41	U	0.030	J	0.056	J	0.54		0.37	U	3.7		4.6	
Chrysene	3.9	1	0.0083	J	0.021	J	0.038	J	0.44		2.6		0.028	J	23		19	
Dibenz(a,h)anthracene	0.33	1,000	0.049	U	0.041	U	0.039	U	0.047		0.32		0.037	U	3.1		2.3	
Dibenzofuran	59	210	1.5		0.020	J	2.4		0.024	J	0.53		0.37	U	4.8		6.1	
Diethyl phthalate	NC	NC	0.49	U	0.41	U	0.0083	J	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
Dimethyl phthalate	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
Di-n-butyl phthalate	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
Di-n-octyl phthalate	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
Fluoranthene	100	1,000	0.041	J	0.021	J	0.076	J	0.90		6.2		0.045	J	62		47	
Fluorene	100	386	0.40	J	0.012	J	1.5		0.033	J	0.65		0.37	U	6.7		7.7	
Hexachlorobenzene	1.2	3.2	0.049	U	0.041	U	0.039	U	0.037	U	0.037	U	0.037	U	0.038	U	0.039	U
Hexachlorobutadiene	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
Hexachlorocyclopentadiene	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U
Hexachloroethane	NC	NC	0.049	U	0.041	U	0.039	U	0.037	U	0.037	U	0.037	U	0.038	U	0.039	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.049	U	0.032	J	0.061		0.33		1.2		0.034	J	16		9.0	
Isophorone	NC	NC	0.20	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
Naphthalene	100	12	6.2		0.77		23		0.042	J	1.6		0.37	U	5.5		8.3	
Nitrobenzene	NC	NC	0.049	U	0.041	U	0.039	U	0.037	U	0.037	U	0.037	U	0.038	U	0.039	U
N-Nitrosodi-n-propylamine	NC	NC	0.049	U	0.041	U	0.039	U	0.037	U	0.037	U	0.037	U	0.038	U	0.039	U
N-Nitrosodiphenylamine	NC	NC	0.49	U	0.41	U	0.39	U	0.37	U	0.37	U	0.37	U	0.27	J	0.21	J
Pentachlorophenol	6.7	0.8	0.40	U	0.33	U	0.31	U	0.30	U	0.30	U	0.30	U	0.30	U	0.31	U
Phenanthrene	100	1,000	0.31	J	0.020	J	0.28	J	0.56		5.8		0.021	J	58		53	
Phenol	100	0.33	0.49	U	0.41	U	0.73		0.37	U	0.15	J	0.37	U	0.16	J	0.26	J
Pyrene	100	1,000	0.037	J	0.032	J	0.068	J	0.78		5.5		0.046	J	55		41	

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-11-E (8-10)		TRC-SB-11-S (0-2)		TRC-SB-11-S (4-6)		TRC-SB-11-W (0-2)		TRC-SB-11-W (4-6)		TRC-SB-23 (0-2)		TRC-SB-23 (2-4)		TRC-SB-23 (13-15)	
LABORATORY SAMPLE ID:			460-248242-7		460-248242-11		460-248242-12		460-248242-13		460-248242-14		460-248094-1		460-248094-2		460-248094-3	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		11/29/2021		11/29/2021		11/29/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.38	U	0.033	J	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
1,2,4,5-Tetrachlorobenzene	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
2,4,5-Trichlorophenol	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
2,4,6-Trichlorophenol	NC	NC	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
2,4-Dichlorophenol	NC	NC	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
2,4-Dimethylphenol	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
2,4-Dinitrophenol	NC	NC	0.30	U	0.31	U	0.32	U	0.30	U	0.31	U	0.30	U	0.31	U	0.29	U
2,4-Dinitrotoluene	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
2,6-Dinitrotoluene	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
2-Chloronaphthalene	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
2-Chlorophenol	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
2-Methylnaphthalene	NC	NC	0.38	U	0.074	J	0.39	U	0.011	J	0.38	U	0.37	U	0.38	U	0.36	U
2-Methylphenol	100	0.33	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
2-Nitroaniline	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
2-Nitrophenol	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
3,3'-Dichlorobenzidine	NC	NC	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
3-Nitroaniline	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
4,6-Dinitro-2-methylphenol	NC	NC	0.30	U	0.31	U	0.32	U	0.30	U	0.31	U	0.30	U	0.31	U	0.29	U
4-Bromophenyl phenyl ether	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
4-Chloro-3-methylphenol	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
4-Chloroaniline	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
4-Chlorophenyl phenyl ether	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
4-Methylphenol	100	0.33	0.38	U	0.037	J	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
4-Nitroaniline	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
4-Nitrophenol	NC	NC	0.77	U	0.79	U	0.79	U	0.76	U	0.78	U	0.76	U	0.78	U	0.73	U
Acenaphthene	100	98	0.38	U	0.17	J	0.39	U	0.044	J	0.38	U	0.032	J	0.38	U	0.36	U
Acenaphthylene	100	107	0.38	U	0.12	J	0.39	U	0.019	J	0.38	U	0.0072	J	0.38	U	0.36	U
Acetophenone	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Anthracene	100	1,000	0.38	U	0.46		0.39	U	0.11	J	0.38	U	0.14	J	0.38	U	0.36	U
Atrazine	NC	NC	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
Benzaldehyde	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Benzo[a]anthracene	1	1	0.027	J	1.4		0.039	U	0.31		0.038	U	0.40		0.038	U	0.036	U
Benzo[a]pyrene	1	22	0.014	J	1.4		0.039	U	0.27		0.038	U	0.47		0.038	U	0.036	U
Benzo[b]fluoranthene	1	1.7	0.019	J	1.9		0.039	U	0.38		0.038	U	0.53		0.038	U	0.036	U
Benzo[g,h,i]perylene	100	1,000	0.38	U	0.78		0.39	U	0.15	J	0.38	U	0.34	J	0.38	U	0.36	U
Benzo[k]fluoranthene	3.9	1.7	0.0098	J	0.71		0.039	U	0.17		0.038	U	0.18		0.038	U	0.036	U
Bis(2-chloroethoxy)methane	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Bis(2-chloroethyl)ether	NC	NC	0.038	U	0.039	U	0.039	U	0.037	U	0.038	U	0.037	U	0.038	U	0.036	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Butyl benzyl phthalate	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-11-E (8-10)		TRC-SB-11-S (0-2)		TRC-SB-11-S (4-6)		TRC-SB-11-W (0-2)		TRC-SB-11-W (4-6)		TRC-SB-23 (0-2)		TRC-SB-23 (2-4)		TRC-SB-23 (13-15)	
LABORATORY SAMPLE ID:			460-248242-7		460-248242-11		460-248242-12		460-248242-13		460-248242-14		460-248094-1		460-248094-2		460-248094-3	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		11/29/2021		11/29/2021		11/29/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Carbazole	NC	NC	0.38	U	0.15	J	0.39	U	0.041	J	0.38	U	0.049	J	0.38	U	0.36	U
Chrysene	3.9	1	0.023	J	1.4		0.39	U	0.34	J	0.38	U	0.42		0.38	U	0.36	U
Dibenz(a,h)anthracene	0.33	1,000	0.038	U	0.16		0.039	U	0.037		0.038	U	0.091		0.038	U	0.036	U
Dibenzofuran	59	210	0.38	U	0.17	J	0.39	U	0.031	J	0.38	U	0.025	J	0.38	U	0.36	U
Diethyl phthalate	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Dimethyl phthalate	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Di-n-butyl phthalate	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Di-n-octyl phthalate	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Fluoranthene	100	1,000	0.048	J	3.1		0.39	U	0.72		0.38	U	0.67		0.38	U	0.36	U
Fluorene	100	386	0.38	U	0.18	J	0.39	U	0.035	J	0.38	U	0.036	J	0.38	U	0.36	U
Hexachlorobenzene	1.2	3.2	0.038	U	0.039	U	0.039	U	0.037	U	0.038	U	0.037	U	0.038	U	0.036	U
Hexachlorobutadiene	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
Hexachlorocyclopentadiene	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Hexachloroethane	NC	NC	0.038	U	0.039	U	0.039	U	0.037	U	0.038	U	0.037	U	0.038	U	0.036	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.038	U	1.0		0.039	U	0.22		0.038	U	0.35	J	0.038	U J	0.036	U J
Isophorone	NC	NC	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
Naphthalene	100	12	0.38	U	0.21	J	0.39	U	0.021	J	0.38	U	0.022	J	0.38	U	0.36	U
Nitrobenzene	NC	NC	0.038	U	0.039	U	0.039	U	0.037	U	0.038	U	0.037	U	0.038	U	0.036	U
N-Nitrosodi-n-propylamine	NC	NC	0.038	U	0.039	U	0.039	U	0.037	U	0.038	U	0.037	U	0.038	U	0.036	U
N-Nitrosodiphenylamine	NC	NC	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Pentachlorophenol	6.7	0.8	0.30	U	0.31	U	0.32	U	0.30	U	0.31	U	0.30	U	0.31	U	0.29	U
Phenanthrene	100	1,000	0.050	J	2.3		0.39	U	0.55		0.38	U	0.53		0.38	U	0.36	U
Phenol	100	0.33	0.38	U	0.39	U	0.39	U	0.37	U	0.38	U	0.37	U	0.38	U	0.36	U
Pyrene	100	1,000	0.041	J	2.8		0.39	U	0.63		0.38	U	0.70		0.38	U	0.36	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-24 (0-2)		TRC-SB-24 (3-5)		TRC-SB-25 (0-2)		TRC-SB-25 (4-6)		TRC-SB-25 (6-8)		TRC-SB-26 (0-2)		TRC-SB-26 (2-4)		TRC-SB-28 (0-2)	
LABORATORY SAMPLE ID:			460-248242-1		460-248242-2		460-248135-2		460-248135-3		460-248135-4		460-248242-3		460-248242-4		460-248135-6	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		11/30/2021		11/30/2021		11/30/2021		12/1/2021		12/1/2021		11/30/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.35	U J	0.36	U	0.020	J	0.41	U	0.40	U	0.0066	J	0.0089	J	0.37	U
1,2,4,5-Tetrachlorobenzene	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
2,4,5-Trichlorophenol	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
2,4,6-Trichlorophenol	NC	NC	0.14	U J	0.15	U	0.34	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U
2,4-Dichlorophenol	NC	NC	0.14	U J	0.15	U	0.34	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U
2,4-Dimethylphenol	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
2,4-Dinitrophenol	NC	NC	0.28	U J	0.29	U	0.68	U	0.33	U	0.32	U	0.31	U	0.30	U	0.30	U
2,4-Dinitrotoluene	NC	NC	0.071	U J	0.074	U	0.17	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
2,6-Dinitrotoluene	NC	NC	0.071	U J	0.074	U	0.17	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
2-Chloronaphthalene	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
2-Chlorophenol	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
2-Methylnaphthalene	NC	NC	0.35	U J	0.36	U	0.050	J	0.41	U	0.40	U	0.013	J	0.024	J	0.37	U
2-Methylphenol	100	0.33	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
2-Nitroaniline	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
2-Nitrophenol	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
3,3'-Dichlorobenzidine	NC	NC	0.14	U J	0.15	U	0.34	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U
3-Nitroaniline	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
4,6-Dinitro-2-methylphenol	NC	NC	0.28	U J	0.29	U	0.68	U	0.33	U	0.32	U	0.31	U	0.30	U	0.30	U
4-Bromophenyl phenyl ether	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
4-Chloro-3-methylphenol	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
4-Chloroaniline	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
4-Chlorophenyl phenyl ether	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
4-Methylphenol	100	0.33	0.35	U J	0.36	U	0.069	J	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
4-Nitroaniline	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
4-Nitrophenol	NC	NC	0.71	U J	0.74	U	1.7	U	0.83	U	0.80	U	0.77	U	0.75	U	0.75	U
Acenaphthene	100	98	0.35	U J	0.36	U	0.13	J	0.41	U	0.40	U	0.027	J	0.068	J	0.034	J
Acenaphthylene	100	107	0.35	U J	0.36	U	0.75	J	0.015	J	0.40	U	0.014	J	0.024	J	0.0072	J
Acetophenone	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Anthracene	100	1,000	0.35	U J	0.36	U	1.1		0.019	J	0.40	U	0.077	J	0.12	J	0.063	J
Atrazine	NC	NC	0.14	U J	0.15	U	0.34	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U
Benzaldehyde	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Benzo[a]anthracene	1	1	0.023	J	0.036	U	6.4		0.15		0.040	U	0.33		0.48		0.15	
Benzo[a]pyrene	1	22	0.012	J	0.036	U	6.7		0.14		0.040	U	0.31		0.46		0.11	
Benzo[b]fluoranthene	1	1.7	0.019	J	0.036	U	7.2		0.14		0.040	U	0.40		0.61		0.15	
Benzo[g,h,i]perylene	100	1,000	0.35	U J	0.36	U	3.6		0.072	J	0.40	U	0.21	J	0.29	J	0.056	J
Benzo[k]fluoranthene	3.9	1.7	0.012	J	0.036	U	2.8		0.068		0.040	U	0.17		0.29		0.071	
Bis(2-chloroethoxy)methane	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Bis(2-chloroethyl)ether	NC	NC	0.035	U J	0.036	U	0.084	U	0.041	U	0.040	U	0.038	U	0.037	U	0.037	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Butyl benzyl phthalate	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-24 (0-2)		TRC-SB-24 (3-5)		TRC-SB-25 (0-2)		TRC-SB-25 (4-6)		TRC-SB-25 (6-8)		TRC-SB-26 (0-2)		TRC-SB-26 (2-4)		TRC-SB-28 (0-2)	
LABORATORY SAMPLE ID:			460-248242-1		460-248242-2		460-248135-2		460-248135-3		460-248135-4		460-248242-3		460-248242-4		460-248135-6	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		11/30/2021		11/30/2021		11/30/2021		12/1/2021		12/1/2021		11/30/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Carbazole	NC	NC	0.35	U J	0.36	U	0.094	J	0.41	U	0.40	U	0.027	J	0.058	J	0.031	J
Chrysene	3.9	1	0.017	J	0.36	U	5.8		0.14	J	0.40	U	0.34	J	0.46		0.13	J
Dibenz(a,h)anthracene	0.33	1,000	0.035	U J	0.036	U	0.93		0.041	U	0.040	U	0.030	J	0.053		0.037	U
Dibenzofuran	59	210	0.35	U J	0.36	U	0.095	J	0.41	U	0.40	U	0.025	J	0.044	J	0.020	J
Diethyl phthalate	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Dimethyl phthalate	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Di-n-butyl phthalate	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Di-n-octyl phthalate	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Fluoranthene	100	1,000	0.030	J	0.36	U	8.4		0.17	J	0.40	U	0.61		1.0		0.34	J
Fluorene	100	386	0.35	U J	0.36	U	0.23	J	0.41	U	0.40	U	0.024	J	0.046	J	0.025	J
Hexachlorobenzene	1.2	3.2	0.035	U J	0.036	U	0.084	U	0.041	U	0.040	U	0.038	U	0.037	U	0.037	U
Hexachlorobutadiene	NC	NC	0.071	U J	0.074	U	0.17	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
Hexachlorocyclopentadiene	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Hexachloroethane	NC	NC	0.035	U J	0.036	U	0.084	U	0.041	U	0.040	U	0.038	U	0.037	U	0.037	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.027	J	0.036	U	4.1		0.11		0.040	U	0.29		0.39		0.093	
Isophorone	NC	NC	0.14	U J	0.15	U	0.34	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U
Naphthalene	100	12	0.35	U J	0.36	U	0.16	J	0.41	U	0.40	U	0.035	J	0.061	J	0.013	J
Nitrobenzene	NC	NC	0.035	U J	0.036	U	0.084	U	0.041	U	0.040	U	0.038	U	0.037	U	0.037	U
N-Nitrosodi-n-propylamine	NC	NC	0.035	U J	0.036	U	0.084	U	0.041	U	0.040	U	0.038	U	0.037	U	0.037	U
N-Nitrosodiphenylamine	NC	NC	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Pentachlorophenol	6.7	0.8	0.28	U J	0.29	U	0.68	U	0.33	U	0.32	U	0.31	U	0.30	U	0.30	U
Phenanthrene	100	1,000	0.023	J	0.36	U	3.0		0.046	J	0.40	U	0.42		0.69		0.33	J
Phenol	100	0.33	0.35	U J	0.36	U	0.84	U	0.41	U	0.40	U	0.38	U	0.37	U	0.37	U
Pyrene	100	1,000	0.031	J	0.36	U	11		0.20	J	0.40	U	0.57		0.91		0.29	J

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-DUP-02		TRC-SB-28 (5-7)		TRC-SB-28 (7-9)		TRC-SB-29 (0-2)		TRC-SB-29 (6-8)		TRC-SB-29 (12-14)		TRC-SB-30 (0-2)		TRC-DUP-01	
LABORATORY SAMPLE ID:			460-248135-7		460-248135-8		460-248135-9		460-248094-4		460-248094-5		460-248094-6		460-248094-7		460-248094-10	
DATE SAMPLE COLLECTED:			11/30/2021		11/30/2021		11/30/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.0083	J	0.022	J
1,2,4,5-Tetrachlorobenzene	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
2,4,5-Trichlorophenol	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
2,4,6-Trichlorophenol	NC	NC	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.17	U	0.15	U	0.15	U
2,4-Dichlorophenol	NC	NC	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.17	U	0.15	U	0.15	U
2,4-Dimethylphenol	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
2,4-Dinitrophenol	NC	NC	0.30	U	0.29	U	0.30	U	0.29	U	0.30	U	0.35	U	0.30	U	0.30	U
2,4-Dinitrotoluene	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
2,6-Dinitrotoluene	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
2-Chloronaphthalene	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
2-Chlorophenol	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
2-Methylnaphthalene	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.025	J	0.069	J
2-Methylphenol	100	0.33	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
2-Nitroaniline	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
2-Nitrophenol	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
3,3'-Dichlorobenzidine	NC	NC	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.17	U	0.15	U	0.15	U
3-Nitroaniline	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
4,6-Dinitro-2-methylphenol	NC	NC	0.30	U	0.29	U	0.30	U	0.29	U	0.30	U	0.35	U	0.30	U	0.30	U
4-Bromophenyl phenyl ether	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
4-Chloro-3-methylphenol	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
4-Chloroaniline	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
4-Chlorophenyl phenyl ether	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
4-Methylphenol	100	0.33	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
4-Nitroaniline	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
4-Nitrophenol	NC	NC	0.74	U	0.73	U	0.74	U	0.74	U	0.75	U	0.87	U	0.75	U	0.75	U
Acenaphthene	100	98	0.023	J	0.36	U	0.37	U	0.046	J	0.37	U	0.43	U	0.11	J	0.35	J
Acenaphthylene	100	107	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.012	J
Acetophenone	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Anthracene	100	1,000	0.045	J	0.36	U	0.37	U	0.061	J	0.37	U	0.43	U	0.28	J	0.95	
Atrazine	NC	NC	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.17	U	0.15	U	0.15	U
Benzaldehyde	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Benzo[a]anthracene	1	1	0.13		0.016	J	0.037	U	0.16		0.020	J	0.043	U	0.52	J	1.3	J
Benzo[a]pyrene	1	22	0.091		0.036	U	0.037	U	0.12		0.012	J	0.043	U	0.41	J	0.98	J
Benzo[b]fluoranthene	1	1.7	0.13		0.036	U	0.037	U	0.16		0.014	J	0.043	U	0.52	J	1.2	J
Benzo[g,h,i]perylene	100	1,000	0.052	J	0.36	U	0.37	U	0.46	J	0.37	U	0.45		0.22	J	0.49	
Benzo[k]fluoranthene	3.9	1.7	0.056		0.036	U	0.037	U	0.074		0.037	U	0.043	U	0.19	J	0.49	J
Bis(2-chloroethoxy)methane	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Bis(2-chloroethyl)ether	NC	NC	0.037	U	0.036	U	0.037	U	0.036	U	0.037	U	0.043	U	0.037	U	0.037	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Butyl benzyl phthalate	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-DUP-02		TRC-SB-28 (5-7)		TRC-SB-28 (7-9)		TRC-SB-29 (0-2)		TRC-SB-29 (6-8)		TRC-SB-29 (12-14)		TRC-SB-30 (0-2)		TRC-DUP-01	
LABORATORY SAMPLE ID:			460-248135-7		460-248135-8		460-248135-9		460-248094-4		460-248094-5		460-248094-6		460-248094-7		460-248094-10	
DATE SAMPLE COLLECTED:			11/30/2021		11/30/2021		11/30/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Carbazole	NC	NC	0.020	J	0.36	U	0.37	U	0.027	J	0.37	U	0.43	U	0.13	J	0.34	J
Chrysene	3.9	1	0.12	J	0.0090	J	0.37	U	0.16	J	0.017	J	0.43	U	0.49		1.2	
Dibenz(a,h)anthracene	0.33	1,000	0.037	U	0.036	U	0.037	U	0.21		0.037	U	0.22		0.065		0.18	
Dibenzofuran	59	210	0.016	J	0.36	U	0.37	U	0.022	J	0.37	U	0.43	U	0.083	J	0.25	J
Diethyl phthalate	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Dimethyl phthalate	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Di-n-butyl phthalate	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Di-n-octyl phthalate	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Fluoranthene	100	1,000	0.27	J	0.016	J	0.37	U	0.34	J	0.028	J	0.43	U	1.1		2.9	
Fluorene	100	386	0.018	J	0.36	U	0.37	U	0.027	J	0.37	U	0.43	U	0.11	J	0.36	J
Hexachlorobenzene	1.2	3.2	0.037	U	0.036	U	0.037	U	0.036	U	0.037	U	0.043	U	0.037	U	0.037	U
Hexachlorobutadiene	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
Hexachlorocyclopentadiene	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Hexachloroethane	NC	NC	0.037	U	0.036	U	0.037	U	0.036	U	0.037	U	0.043	U	0.037	U	0.037	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.084		0.036	U	0.037	U	0.45	J	0.037	U J	0.31		0.25	J	0.60	J
Isophorone	NC	NC	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.17	U	0.15	U	0.15	U
Naphthalene	100	12	0.013	J	0.36	U	0.37	U	0.016	J	0.37	U	0.43	U	0.067	J	0.099	J
Nitrobenzene	NC	NC	0.037	U	0.036	U	0.037	U	0.036	U	0.037	U	0.043	U	0.037	U	0.037	U
N-Nitrosodi-n-propylamine	NC	NC	0.037	U	0.036	U	0.037	U	0.036	U	0.037	U	0.043	U	0.037	U	0.037	U
N-Nitrosodiphenylamine	NC	NC	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Pentachlorophenol	6.7	0.8	0.30	U	0.29	U	0.30	U	0.29	U	0.30	U	0.35	U	0.30	U	0.30	U
Phenanthrene	100	1,000	0.24	J	0.015	J	0.37	U	0.31	J	0.025	J	0.43	U	1.1		3.2	
Phenol	100	0.33	0.37	U	0.36	U	0.37	U	0.36	U	0.37	U	0.43	U	0.37	U	0.37	U
Pyrene	100	1,000	0.24	J	0.013	J	0.37	U	0.29	J	0.024	J	0.43	U	0.97		2.5	

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-30 (4-6)		TRC-SB-30 (12-14)		TRC-SB-31 (0-2)		TRC-SB-31 (3.5-5.5)		TRC-SB-31 (8.5-10.5)		TRC-SB-32 (0-2)		TRC-DUP-03		TRC-SB-32 (4-6)	
LABORATORY SAMPLE ID:			460-248094-8		460-248094-9		460-248403-2		460-248403-3		460-248403-4		460-248403-5		460-248403-14		460-248403-6	
DATE SAMPLE COLLECTED:			11/29/2021		11/29/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.36	U J	0.42	U	0.034	J	0.036	J	0.38	U	0.016	J	0.014	J	0.39	U
1,2,4,5-Tetrachlorobenzene	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.36	U J	0.42	U	0.38	U *	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U *
2,3,4,6-Tetrachlorophenol	NC	NC	0.36	R	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
2,4,5-Trichlorophenol	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
2,4,6-Trichlorophenol	NC	NC	0.14	R	0.17	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
2,4-Dichlorophenol	NC	NC	0.14	U J	0.17	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
2,4-Dimethylphenol	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
2,4-Dinitrophenol	NC	NC	0.29	R	0.34	U	0.31	U	0.31	U	0.30	U	0.29	U	0.29	U	0.32	U
2,4-Dinitrotoluene	NC	NC	0.072	U J	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
2,6-Dinitrotoluene	NC	NC	0.072	U J	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
2-Chloronaphthalene	NC	NC	0.36	U J	0.42	U	0.026	J	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
2-Chlorophenol	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
2-Methylnaphthalene	NC	NC	0.36	U J	0.42	U	0.079	J	0.12	J	0.38	U	0.097	J	0.10	J	0.39	U
2-Methylphenol	100	0.33	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
2-Nitroaniline	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
2-Nitrophenol	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
3,3'-Dichlorobenzidine	NC	NC	0.14	U J	0.17	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
3-Nitroaniline	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
4,6-Dinitro-2-methylphenol	NC	NC	0.29	R	0.34	U	0.31	U	0.31	U	0.30	U	0.29	U	0.29	U	0.32	U
4-Bromophenyl phenyl ether	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
4-Chloro-3-methylphenol	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
4-Chloroaniline	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
4-Chlorophenyl phenyl ether	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
4-Methylphenol	100	0.33	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
4-Nitroaniline	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
4-Nitrophenol	NC	NC	0.72	R	0.86	U	0.77	U	0.77	U	0.77	U	0.74	U	0.74	U	0.79	U
Acenaphthene	100	98	0.022	J	0.42	U	0.092	J	0.56		0.38	U	0.044	J	0.020	J	0.39	U
Acenaphthylene	100	107	0.36	U J	0.42	U	0.15	J	0.019	J	0.38	U	0.048	J	0.039	J	0.39	U
Acetophenone	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Anthracene	100	1,000	0.071	J	0.42	U	0.21	J	1.1		0.38	U	0.13	J	0.059	J	0.39	U
Atrazine	NC	NC	0.14	U J	0.17	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
Benzaldehyde	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Benzo[a]anthracene	1	1	0.11	J	0.042	U	0.70		1.3		0.038	U	0.45		0.27	J	0.039	U
Benzo[a]pyrene	1	22	0.084	J	0.042	U	0.60		1.0		0.038	U	0.38		0.25		0.039	U
Benzo[b]fluoranthene	1	1.7	0.11	J	0.042	U	0.92		1.4		0.038	U	0.52		0.30	J	0.039	U
Benzo[g,h,i]perylene	100	1,000	0.047	J	0.42	U	0.31	J	0.39		0.38	U	0.29	J	0.17	J	0.39	U
Benzo[k]fluoranthene	3.9	1.7	0.045	J	0.042	U	0.40		0.45		0.038	U	0.23		0.10		0.039	U
Bis(2-chloroethoxy)methane	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Bis(2-chloroethyl)ether	NC	NC	0.036	U J	0.042	U	0.038	U	0.038	U	0.038	U	0.036	U	0.036	U	0.039	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.041	J	0.029	J	0.39	U
Butyl benzyl phthalate	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-30 (4-6)		TRC-SB-30 (12-14)		TRC-SB-31 (0-2)		TRC-SB-31 (3.5-5.5)		TRC-SB-31 (8.5-10.5)		TRC-SB-32 (0-2)		TRC-DUP-03		TRC-SB-32 (4-6)	
LABORATORY SAMPLE ID:			460-248094-8		460-248094-9		460-248403-2		460-248403-3		460-248403-4		460-248403-5		460-248403-14		460-248403-6	
DATE SAMPLE COLLECTED:			11/29/2021		11/29/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Carbazole	NC	NC	0.025	J	0.42	U	0.096	J	0.37	J	0.38	U	0.069	J	0.025	J	0.39	U
Chrysene	3.9	1	0.11	J	0.42	U	0.79		1.2		0.38	U	0.47		0.34	J	0.39	U
Dibenz(a,h)anthracene	0.33	1,000	0.018	J	0.042	U	0.10		0.14		0.038	U	0.10		0.067		0.039	U
Dibenzofuran	59	210	0.017	J	0.42	U	0.072	J	0.37	J	0.38	U	0.043	J	0.029	J	0.39	U
Diethyl phthalate	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Dimethyl phthalate	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Di-n-butyl phthalate	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.016	J	0.36	U	0.39	U
Di-n-octyl phthalate	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Fluoranthene	100	1,000	0.24	J	0.42	U	1.4		3.1		0.38	U	0.68		0.36		0.39	U
Fluorene	100	386	0.024	J	0.42	U	0.11	J	0.58		0.38	U	0.046	J	0.025	J	0.39	U
Hexachlorobenzene	1.2	3.2	0.036	U J	0.042	U	0.038	U	0.038	U	0.038	U	0.036	U	0.036	U	0.039	U
Hexachlorobutadiene	NC	NC	0.072	U J	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
Hexachlorocyclopentadiene	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Hexachloroethane	NC	NC	0.036	U J	0.042	U	0.038	U	0.038	U	0.038	U	0.036	U	0.036	U	0.039	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.051	J	0.042	U J	0.40		0.53		0.038	U	0.27		0.15		0.039	U
Isophorone	NC	NC	0.14	U J	0.17	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16	U
Naphthalene	100	12	0.36	U J	0.42	U	0.28	J	0.17	J	0.38	U	0.083	J	0.052	J	0.39	U
Nitrobenzene	NC	NC	0.036	U J	0.042	U	0.038	U	0.038	U	0.038	U	0.036	U	0.036	U	0.039	U
N-Nitrosodi-n-propylamine	NC	NC	0.036	U J	0.042	U	0.038	U	0.038	U	0.038	U	0.036	U	0.036	U	0.039	U
N-Nitrosodiphenylamine	NC	NC	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Pentachlorophenol	6.7	0.8	0.29	R	0.34	U	0.31	U	0.31	U	0.30	U	0.29	U	0.29	U	0.32	U
Phenanthrene	100	1,000	0.24	J	0.42	U	1.2		4.0		0.38	U	0.56		0.30	J	0.39	U
Phenol	100	0.33	0.36	U J	0.42	U	0.38	U	0.38	U	0.38	U	0.36	U	0.36	U	0.39	U
Pyrene	100	1,000	0.21	J	0.42	U	1.3	J	2.9	J	0.38	U	0.68	J	0.37	J	0.39	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-32 (9-11)		TRC-SB-33 (0-2)		TRC-SB-33 (4-6)		TRC-SB-33 (9-11)		TRC-SB-34 (0-2)		TRC-SB-34 (8-10)		TRC-SB-34 (10-12)	
LABORATORY SAMPLE ID:			460-248403-7		460-248403-8		460-248403-9		460-248403-10		460-248403-11		460-248403-12		460-248403-13	
DATE SAMPLE COLLECTED:			12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
1,1'-Biphenyl	NC	NC	0.37	U	0.033	J	0.12	J	0.39	U	0.025	J	0.39	U	0.39	U
1,2,4,5-Tetrachlorobenzene	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
2,2'-oxybis[1-chloropropane]	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
2,3,4,6-Tetrachlorophenol	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
2,4,5-Trichlorophenol	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
2,4,6-Trichlorophenol	NC	NC	0.15	U	0.75	U J	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U
2,4-Dichlorophenol	NC	NC	0.15	U	0.75	U J	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U
2,4-Dimethylphenol	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
2,4-Dinitrophenol	NC	NC	0.30	U	1.5	R	0.31	U	0.32	U	0.30	U	0.31	U	0.32	U
2,4-Dinitrotoluene	NC	NC	0.075	U	0.38	U J	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
2,6-Dinitrotoluene	NC	NC	0.075	U	0.38	U J	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
2-Chloronaphthalene	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
2-Chlorophenol	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
2-Methylnaphthalene	NC	NC	0.37	U	0.083	J	0.26	J	0.39	U	0.067	J	0.39	U	0.023	J
2-Methylphenol	100	0.33	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
2-Nitroaniline	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
2-Nitrophenol	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
3,3'-Dichlorobenzidine	NC	NC	0.15	U	0.75	U J	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U
3-Nitroaniline	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
4,6-Dinitro-2-methylphenol	NC	NC	0.30	U	1.5	R	0.31	U	0.32	U	0.30	U	0.31	U	0.32	U
4-Bromophenyl phenyl ether	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
4-Chloro-3-methylphenol	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
4-Chloroaniline	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
4-Chlorophenyl phenyl ether	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
4-Methylphenol	100	0.33	0.37	U	1.8	U J	0.024	J	0.39	U	0.37	U	0.39	U	0.39	U
4-Nitroaniline	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
4-Nitrophenol	NC	NC	0.75	U	3.8	U J	0.78	U	0.80	U	0.75	U	0.79	U	0.80	U
Acenaphthene	100	98	0.37	U	0.41	J	1.8		0.39	U	0.24	J	0.39	U	0.052	J
Acenaphthylene	100	107	0.37	U	0.53	J	0.19	J	0.39	U	0.19	J	0.39	U	0.097	J
Acetophenone	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Anthracene	100	1,000	0.37	U	1.6	J	3.0		0.39	U	0.82		0.39	U	0.19	J
Atrazine	NC	NC	0.15	U	0.75	U J	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U
Benzaldehyde	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Benzo[a]anthracene	1	1	0.037	U	5.9	J	5.2		0.039	U	3.1		0.039	U	0.80	
Benzo[a]pyrene	1	22	0.037	U	5.9	J	5.0		0.039	U	2.9		0.039	U	0.80	
Benzo[b]fluoranthene	1	1.7	0.037	U	7.6	J	6.1		0.039	U	3.7		0.039	U	1.2	
Benzo[g,h,i]perylene	100	1,000	0.37	U	3.2	J	3.1		0.39	U	1.4		0.39	U	0.48	
Benzo[k]fluoranthene	3.9	1.7	0.037	U	2.1	J	2.1		0.039	U	1.4		0.039	U	0.34	
Bis(2-chloroethoxy)methane	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Bis(2-chloroethyl)ether	NC	NC	0.037	U	0.18	U J	0.038	U	0.039	U	0.037	U	0.039	U	0.039	U
Bis(2-ethylhexyl) phthalate	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.049	J	0.39	U	0.39	U
Butyl benzyl phthalate	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U

Table 3
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:			TRC-SB-32 (9-11)		TRC-SB-33 (0-2)		TRC-SB-33 (4-6)		TRC-SB-33 (9-11)		TRC-SB-34 (0-2)		TRC-SB-34 (8-10)		TRC-SB-34 (10-12)	
LABORATORY SAMPLE ID:			460-248403-7		460-248403-8		460-248403-9		460-248403-10		460-248403-11		460-248403-12		460-248403-13	
DATE SAMPLE COLLECTED:			12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Caprolactam	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Carbazole	NC	NC	0.37	U	0.46	J	1.1		0.39	U	0.30	J	0.39	U	0.090	J
Chrysene	3.9	1	0.37	U	5.8	J	5.0		0.39	U	3.2		0.39	U	0.74	
Dibenz(a,h)anthracene	0.33	1,000	0.037	U	0.93	J	0.78		0.039	U	0.47		0.039	U	0.13	
Dibenzofuran	59	210	0.37	U	0.27	J	0.91		0.39	U	0.13	J	0.39	U	0.036	J
Diethyl phthalate	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Dimethyl phthalate	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Di-n-butyl phthalate	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Di-n-octyl phthalate	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Fluoranthene	100	1,000	0.37	U	11	J	19		0.39	U	5.5		0.39	U	1.4	
Fluorene	100	386	0.37	U	0.46	J	1.4		0.39	U	0.23	J	0.39	U	0.065	J
Hexachlorobenzene	1.2	3.2	0.037	U	0.18	U J	0.038	U	0.039	U	0.037	U	0.039	U	0.039	U
Hexachlorobutadiene	NC	NC	0.075	U	0.38	U J	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
Hexachlorocyclopentadiene	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Hexachloroethane	NC	NC	0.037	U	0.18	U J	0.038	U	0.039	U	0.037	U	0.039	U	0.039	U
Indeno[1,2,3-cd]pyrene	0.5	8.2	0.037	U	3.9	J	3.7		0.039	U	1.9		0.039	U	0.55	
Isophorone	NC	NC	0.15	U	0.75	U J	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U
Naphthalene	100	12	0.37	U	0.18	J	0.43		0.39	U	0.13	J	0.39	U	0.046	J
Nitrobenzene	NC	NC	0.037	U	0.18	U J	0.038	U	0.039	U	0.037	U	0.039	U	0.039	U
N-Nitrosodi-n-propylamine	NC	NC	0.037	U	0.18	U J	0.038	U	0.039	U	0.037	U	0.039	U	0.039	U
N-Nitrosodiphenylamine	NC	NC	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Pentachlorophenol	6.7	0.8	0.30	U	1.5	U J	0.31	U	0.32	U	0.30	U	0.31	U	0.32	U
Phenanthrene	100	1,000	0.37	U	6.5	J	19		0.39	U	3.5		0.39	U	0.89	
Phenol	100	0.33	0.37	U	1.8	U J	0.38	U	0.39	U	0.37	U	0.39	U	0.39	U
Pyrene	100	1,000	0.37	U	12	J	16	J	0.39	U	5.3	J	0.39	U	1.5	J

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value
R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-SB-05 (0-2)		TRC-SB-05 (6-8)		TRC-SB-06 (0-2)		TRC-SB-06 (4-6)		TRC-SB-07 (0-2)		TRC-SB-07 (9-11)		TRC-SB-08 (0-2)		TRC-SB-08 (7-9)		TRC-SB-09 (0-2)	
LABORATORY SAMPLE ID:			460-226524-1		460-226524-2		460-226524-3		460-226524-4		460-226524-7		460-226524-8		460-226591-4		460-226591-5		460-226591-9	
DATE SAMPLE COLLECTED:			1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/15/2021		1/15/2021		1/15/2021	
METALS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Aluminum	NC	NC	7,470		15,900		8,050		12,800		9,530		12,500		9,290		15,400		8,230	
Antimony	NC	NC	0.39	J	1.1	U J	0.80	J	1.0	U J	0.61	J	1.1	U J	0.85	U J	0.99	U J	1.0	J
Arsenic	16	16	6.1		1.5		4.6		3.0		6.2		2.9		2.3		1.9		15.1	
Barium	400	820	373		94.3		171		56.6		154		113		54.1		107		982	
Beryllium	72	47	0.36	J	0.71		0.39	J	0.44		0.49		0.56		0.41		0.81		0.67	
Cadmium	4.3	7.5	0.52	J	1.1	U	0.35	J	1.0	U	0.30	J	0.24	J	0.85	U	0.99	U	5.2	
Calcium	NC	NC	28,800		1,620		7,300		1,570		15,700		5,800		7,980	J	2,010	J	69,700	J
Chromium	180	NC	17.6	J	49.5	J	16.3	J	19.1	J	32.4	J	32.3	J	15.4		41.2		284	
Hexavalent Chromium	110	19	0.84	J	0.54	J	2.3	U	2.2	U	2.3	U	0.43	J	2.3	U	0.70	J	2.5	U
Cobalt	NC	NC	7.8		10.0		5.1		6.9		8.5		8.6		4.7		15.8		29.1	
Copper	270	1,720	42.2		23.6		37.9		17.3		53.6		26.4		24.3		27.4		374	
Cyanide	27	40	0.15	J	0.27	U	0.25	U	0.26	U	0.58	J	0.27	U	0.81	J	0.30	U	0.26	
Iron	NC	NC	13,500		26,300		14,300		18,400		20,100		21,200		12,200		28,400		94,300	
Lead	400	450	357		7.4		235		16.6		307		80.7		52.6		8.7		810	
Magnesium	NC	NC	4,790		6,290		2,580		2,620		2,910		4,340		2,060		7,230		10,500	
Manganese	2,000	2,000	236	J	358	J	250	J	274	J	417	J	433	J	352		536		1,000	
Mercury	0.81	0.73	0.33		0.019	U	0.25		0.054		0.80		0.057		0.25		0.021	U	0.045	
Nickel	310	130	15.0		22.4		13.1		13.1		15.0		19.3		10.2		28.5		173	
Potassium	NC	NC	924		3,760		633		731		1,120		1,730		537		2,910		1,060	
Selenium	180	4	0.30	J	1.3	U	0.29	J	0.22	J	0.85	J	0.36	J	0.36	J	1.2	U	1.8	
Silver	180	8.3	0.13	J	1.1	U	0.12	J	1.0	U	0.17	J	1.1	U	0.85	U	0.99	U	0.60	J
Sodium	NC	NC	185		102	J	118		132		206		197		114		297		742	
Thallium	NC	NC	0.13	J	0.24	J	0.10	J	0.097	J	0.14	J	0.15	J	0.069	J	0.23	J	0.10	J
Vanadium	NC	NC	26.1	J	42.1	J	22.1	J	25.7	J	26.8	J	32.9	J	18.4		49.3		325	
Zinc	10,000	2,480	333		58.4		127		36.3		184		81.1		41.8		64.7		1,510	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-SB-10 (0-2)		TRC-SB-11 (0-2)		TRC-SB-11 (4-6)		TRC-SB-12 (3-5)		TRC-SB-12 (10-12)		TRC-SB-13 (0-2)		TRC-SB-13 (6-8)		TRC-SB-14 (0-2)		TRC-SB-14 (8-10)	
LABORATORY SAMPLE ID:			460-226591-6		460-227322-7		460-227322-8		460-227322-5		460-227322-6		460-227322-1		460-227322-2		460-227322-3		460-227322-4	
DATE SAMPLE COLLECTED:			1/15/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021	
	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
METALS (mg/kg)																				
Aluminum	NC	NC	5,320	U J	3,490	J	5,910	J	8,700	J	12,500	J	9,940	J	9,710	J	5,080	J	8,070	J
Antimony	NC	NC	0.94	U	0.89	J	0.29	J	9.6	J	0.93	U	0.24	J	0.99	U	2.2	J	1.1	J
Arsenic	16	16	2.3		11.8		4.4		10.1		3.0		5.7		5.7		52.0		2.8	
Barium	400	820	50.7		1,150	J	689	J	121	J	60.3	J	179	J	151	J	297	J	54.2	J
Beryllium	72	47	0.26	J	0.24	J	0.27	J	0.35	J	0.53		0.43		0.44		0.58		0.35	J
Cadmium	4.3	7.5	0.94	U	1.7		0.71	J	1.3		0.93	U	0.29	J	0.15	J	3.3		0.90	U
Calcium	NC	NC	26,500	J	87,900		43,200		12,100		1,560		14,700		3,880		21,000		3,300	
Chromium	180	NC	9.3		622	J	20.2	J	55.4	J	16.6	J	26.2	J	18.0	J	61.5	J	13.9	J
Hexavalent Chromium	110	19	2.2	U	2.6	U	2.6	U	2.2	U	2.3	U	2.3	U	2.4	U	2.3	U	2.2	U
Cobalt	NC	NC	8.1		4.8		4.1		82.4		6.3	J	7.5		7.0		80.8		5.9	
Copper	270	1,720	10.1		110	J	58.2	J	130	J	13.5		44.2	J	23.6	J	244	J	19.3	J
Cyanide	27	40	0.26	U	0.52	J	0.23	J	0.22	U	0.24	U	0.18	J	0.25	U	0.35	J	0.13	J
Iron	NC	NC	6,990		21,000	J	11,300	J	67,700	J	16,300		19,500	J	15,100	J	19,600	J	14,100	J
Lead	400	450	11.4		1,910		4,260		2,910		16.7		392		189		468		65.4	
Magnesium	NC	NC	2,080		2,320	J	3,920	J	2,460	J	2,500	J	3,440	J	2,450	J	1,870	J	2,800	J
Manganese	2,000	2,000	147		424	J	223	J	423	J	363	J	359	J	247	J	295	J	354	J
Mercury	0.81	0.73	0.11		14.3		0.41		0.50		0.020		0.84		0.74		0.30		0.026	
Nickel	310	130	12.5		15.3	J	11.1	J	25.8	J	13.2	J	15.9	J	14.5	J	27.6	J	16.9	J
Potassium	NC	NC	1,070		875		918		1,080		643		1,210		764		856		982	
Selenium	180	4	0.52	J	1.5		0.24	J	0.66	J	0.44	J	0.56	J	0.44	J	2.6		0.14	J
Silver	180	8.3	0.94	U	0.28	J	0.17	J	0.23	J	0.93	U	0.21	J	0.13	J	0.41	J	0.90	U
Sodium	NC	NC	140		495		442		491		81.0	J	464		123		1,310		117	
Thallium	NC	NC	0.12	J	0.16	J	0.088	J	0.11	J	0.092	J	0.14	J	0.12	J	0.98		0.082	J
Vanadium	NC	NC	11.5		12.0		14.7		20.7		19.3		23.9		22.7		18.8		17.4	
Zinc	10,000	2,480	19.8		1,170		913		968		41.2		188		110		1,530		56.2	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-SB-15 (0-2)		TRC-SB-15 (9-11)		TRC-SB-16 (0-2)		TRC-SB-17 (0-2)		TRC-SB-17 (6-8)		TRC-SB-18 (0-2)		TRC-SB-19 (0-2)		TRC-SB-19 (5.5-7.5)		TRC-SB-20 (0-2)	
LABORATORY SAMPLE ID:			460-226524-5		460-226524-6		460-226591-8		460-228242-1		460-228242-2		460-226591-7		460-228242-3		460-228242-4		460-228242-5	
DATE SAMPLE COLLECTED:			1/14/2021		1/14/2021		1/15/2021		2/15/2021		2/15/2021		1/15/2021		2/15/2021		2/15/2021		2/15/2021	
METALS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Aluminum	NC	NC	9,390		12,300		9,040		11,000		6,040		5,330		8,310		6,190		7,910	
Antimony	NC	NC	0.65	J	1.2	U J	0.31	J	0.36	J	1.1	U J	0.23	J	1.1	U J	1.1	U J	1.1	U J
Arsenic	16	16	6.9		1.9		16.8		3.7		1.2		1.6		2.3		1.3		2.5	
Barium	400	820	226		91.2		157		125	J	49.5	J	517		30.2	J	44.4	J	40.3	J
Beryllium	72	47	0.49		0.61		0.48		0.50	J	0.36	J	0.20	J	0.32	J	0.34	J	0.39	J
Cadmium	4.3	7.5	0.71	J	1.2	U	1.2		0.99	J	1.1	U	0.16	J	1.1	U	1.1	U	1.1	U
Calcium	NC	NC	4,660		3,580		107,000	J	1,940	J	1,000	J	57,500	J	1,440	J	1,010	J	793	J
Chromium	180	NC	17.8	J	33.4	J	36.0		17.4	J	14.8	J	11.9		15.8	J	16.2	J	17.7	J
Hexavalent Chromium	110	19	2.2	U	2.6	U	0.67	J	2.1	U	2.2	U	0.49	J	2.1	U	2.3	U	2.2	U
Cobalt	NC	NC	6.5		10.3		11.4		9.0		6.6		2.0	J	6.5		6.0		7.5	
Copper	270	1,720	58.3		24.8		154		21.2		19.8		51.2		14.6		15.8		14.1	
Cyanide	27	40	1.8	J	0.27	U	0.28	U	0.26	U	0.25	U	0.31	U	0.24	U	0.27	U	0.13	J
Iron	NC	NC	18,800		24,700		67,900		16,500		13,400		50,000		14,100		13,000		14,200	
Lead	400	450	419		7.1		86.6		142		2.9		55.5		11.3		3.7		14.4	
Magnesium	NC	NC	2,550		7,430		5,260		2,510	J	1,910	J	3,290		2,190	J	1,850	J	2,650	J
Manganese	2,000	2,000	259	J	348	J	564		423	J	383	J	342		338	J	425	J	405	J
Mercury	0.81	0.73	0.52		0.021	U	0.20		0.020		0.019	U	0.098		0.043		0.019	U	0.012	J
Nickel	310	130	13.5		24.3		191		12.8		12.3		6.0		13.7		12.7		13.0	
Potassium	NC	NC	831		2,980		345		706		1,070		2,690		834		987		754	
Selenium	180	4	0.57	J	1.5	U	1.9		0.30	J	1.3	U	0.33	J	1.3	U	1.4	U	0.13	J
Silver	180	8.3	0.25	J	1.2	U	0.90	U	1.1	U	1.1	U	1.0	U	1.1	U	1.1	U	1.1	U
Sodium	NC	NC	103		310		315		234		111		771		206		116		59.8	J
Thallium	NC	NC	0.12	J	0.22	J	0.15	J	0.11	J	0.095	J	0.070	J	0.095	J	0.10	J	0.088	J
Vanadium	NC	NC	25.4	J	39.6	J	1,340		23.3	J	19.6	J	6.3		20.9	J	20.9	J	20.0	J
Zinc	10,000	2,480	261		61.3		393		503		23.4		62.4		25.9		25.0		40.5	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-SB-20 (2.5-4.5)		TRC-SB-22 (3-5)		TRC-SB-22 (6.5-8.5)		TRC-TP-1 (15-16)		TRC-TP-2 (18.5-19)		TRC-TP-3 (15-16)		TRC-TP-4 (21-22)		LOT01-SB-01		LOT01-SB-02	
LABORATORY SAMPLE ID:			460-228242-6		460-228242-7		460-228242-8		460-230142-1		460-230480-1		460-229498-1		460-229734-1		460-216437-1		460-216437-2	
DATE SAMPLE COLLECTED:			2/15/2021		2/15/2021		2/15/2021		3/17/2021		3/22/2021		3/8/2021		3/11/2021		8/19/2020		8/19/2020	
	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
METALS (mg/kg)																				
Aluminum	NC	NC	7,920		6,140		4,650		14,600		4,650		6,460		6,150		2,300		8,990	
Antimony	NC	NC	1.1	U J	1.2	U J	0.46	J	1.3	U J	4.5	J	1.1	U J	0.20	J	1.4	U J	0.91	J
Arsenic	16	16	1.5		10.6		31.8		5.4		39.9		2.0		3.1		2.2		32.4	
Barium	400	820	53.8	J	75.2	J	199	J	162	J	249		41.6		61.8		27.1		171	
Beryllium	72	47	0.40	J	0.55	J	1.1	J	0.68		0.26	J	0.35	J	0.32	J	0.12	J	0.42	J
Cadmium	4.3	7.5	1.1	U	0.16	J	1.3	U	0.17	J	0.93	J	0.57	J	0.15	J	1.4	U	0.79	J
Calcium	NC	NC	663	J	9,990	J	5,110	J	4,710	J	4,450	J	1,800		6,630		83,200		27,100	
Chromium	180	NC	17.2	J	6.0	J	7.3	J	38.6		21.0		14.2		15.1		4.5		121	
Hexavalent Chromium	110	19	2.2	U	2.4	U	2.7	U	NA		NA		NA		NA		NA		NA	
Cobalt	NC	NC	6.8		8.3		3.4		12.2		7.0		5.4		14.1		1.7	J	28.8	J
Copper	270	1,720	20.4		26.9		151		38.9		104		92.2		53.6	J	5.7		123	
Cyanide	27	40	0.27	J	0.27		0.25	J	NA		NA		NA		NA		NA		NA	
Iron	NC	NC	14,800		9,590		9,080		28,200		35,900		12,000		15,100		4,840		41,700	
Lead	400	450	4.0		18.6		99.0		70.4	J	431		35.1		79.7		8.3	J	158	J
Magnesium	NC	NC	2,030	J	458	J	381	J	8,340		1,930		2,310		4,490	J	6,540		38,100	
Manganese	2,000	2,000	430	J	47.3	J	35.5	J	286		238		687		306	J	87.7	J	472	J
Mercury	0.81	0.73	0.025		0.10		0.087		0.084		1.0		0.027		0.056		0.062		40.1	
Nickel	310	130	12.0		9.8		10.9		46.0		19.8		12.2		13.3		4.8		375	
Potassium	NC	NC	1,070		702		337		4,070		706		835		1,070		894		1120	
Selenium	180	4	1.4	U	0.83	J	1.4	J	0.52	J	0.80	J	1.4	U	0.56	J	1.7	U	4.4	
Silver	180	8.3	1.1	U	1.2	U	1.3	U	1.3	U	1.1	U	1.1	U	1.0	U	1.4	U	0.24	J
Sodium	NC	NC	63.7	J	729		254		483		212		123		188		310		432	
Thallium	NC	NC	0.10	J	0.10	J	0.17	J	0.32	J	0.12	J	0.075	J	0.33	J	0.55	U	0.35	J
Vanadium	NC	NC	22.0	J	15.4	J	20.6	J	41.5		18.1		19.2		24.3		8.2	J	895	J
Zinc	10,000	2,480	40.6		39.7		55.8		120		563		206		285		25.9		414	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			LOT06-SB-03		LOT06-SB-04		TRC-SB-02-N1 (0-2)		TRC-SB-02-N2 (0-2)		TRC-SB-02-E (0-2)		TRC-SB-02-S1 (0-2)		TRC-SB-02-S2 (0-2)		TRC-SB-02-W (0-2)		TRC-SB-10-N (0-2)	
LABORATORY SAMPLE ID:			460-216341-1		460-216341-2		460-248403-1		460-248403-2		460-248310-3		460-248310-1		460-248310-2		460-248310-5		460-248310-12	
DATE SAMPLE COLLECTED:			8/18/2020		8/18/2020		12/2/2021		12/3/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021	
METALS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Aluminum	NC	NC	11,400		9,990		2,460		4,100		5,350		18,500		9,850		7,980		4,280	
Antimony	NC	NC	1.1	U J	1.1	U J	1.0	U J	1.3	U J	1.2	U J	0.32	J	1.4	U J	0.40	J	1.2	U J
Arsenic	16	16	2.5		5.0		1.8		2.3		1.5		24.3		4.2		25.6		2.4	
Barium	400	820	78.4	J	70.3	J	17.1		42.8		33.6		117		120		973		43.4	
Beryllium	72	47	0.56		0.42	J	0.16	J	0.21	J	0.30	J	1.1		0.75		0.49	J	0.16	J
Cadmium	4.3	7.5	1.1	U	0.16	J	1.0	U	1.3	U	1.2	U	0.17	J	0.47	J	0.51	J	1.2	U
Calcium	NC	NC	1,480	J	4,450	J	4,070		21,900		858		33,200		38,300		53,600		6,450	
Chromium	180	NC	30.0	J	19.9	J	5.2		9.3		12.7		28.2		17.7		71.4		11.4	
Hexavalent Chromium	110	19	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cobalt	NC	NC	10.3		7.7		5.0		3.7		6.7		6.2		8.3		9.9		3.3	
Copper	270	1,720	25.3	J	37.2	J	8.9		14.3		13.9		39.8		30.5		51.4		10.2	
Cyanide	27	40	NA		NA		0.24	U	0.33	U	0.30	U	0.28	U	0.21	J	0.45	U	0.30	U
Iron	NC	NC	24,600		17,200		9,950		7,750		10,300		23,700		15,500		25,200		10,300	
Lead	400	450	7.0	J	107	J	4.9		7.0		3.8		16.7		60.0		103		12.1	
Magnesium	NC	NC	4,180	J	3,100	J	826		1,600		2,380		13,100		6,620		15,700		2,290	
Manganese	2,000	2,000	548		437		146	J	242	J	249	J	751	J	1,210	J	307	J	157	J
Mercury	0.81	0.73	0.018	U	0.25		0.12		0.028		0.020	U	0.016	J	0.079		0.90		0.10	
Nickel	310	130	22.2		14.9		8.0		8.9		18.1		67.8		35.3		119		8.6	
Potassium	NC	NC	2,630		1,030		712		849	B	712		1,430		1,090		678		2,230	
Selenium	180	4	1.3	U	0.24	J	0.27	J	0.46	J	1.5	U	0.95	J	0.53	J	7.2		0.30	J
Silver	180	8.3	1.1	U	1.1	U	1.0	U	1.3	U	1.2	U	1.1	U	1.4	U	1.9	U	1.2	U
Sodium	NC	NC	110		562		90.6	J	183		89.6	J	5,630		382		554		110	J
Thallium	NC	NC	0.17	J	0.12	J	0.11	J	0.068	J	0.077	J	0.27	J	0.10	J	0.33	J	0.23	J
Vanadium	NC	NC	34.3	J	24.2	J	46.3		19.4	J	15.3		3,920		302		655		16.2	
Zinc	10,000	2,480	47.2		75.0		20.7		36.7	J	23.8		44.2		114		707		31.3	

Notes
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TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-SB-10-E1 (0-2)		TRC-SB-10-E2 (0-2)		TRC-SB-10-S1 (0-2)		TRC-SB-10-S2 (0-2)		TRC-SB-10-S3 (0-2)		TRC-SB-10-W (0-2)		TRC-SB-11-N (0-2)		TRC-SB-11-N (4-6)		TRC-SB-11-N (8-10)	
LABORATORY SAMPLE ID:			460-248310-10		460-248310-11		460-248310-7		460-248310-8		460-248310-9		460-248310-6		460-248242-8		460-248242-9		460-248242-10	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/1/2021		12/1/2021		12/1/2021	
METALS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Aluminum	NC	NC	2,200		1,740		7,170		6,170		8,440		8,500		6,080		3,990		7,340	
Antimony	NC	NC	1.3	U J	0.23	J	1.1	U J	1.4	U J	1.2	U J	1.1	U J	0.39	J	0.61	J	1.1	J
Arsenic	16	16	3.8		14.1		1.7		2.2		2.0		1.0	J	5.5	J	13.0	J	1.4	
Barium	400	820	19.5		24.6		58.7		47.5		51.6		64.6		365		53.0		41.2	
Beryllium	72	47	0.16	J	0.17	J	0.19	J	0.31	J	0.39	J	0.13	J	0.29	J	0.21	J	0.30	J
Cadmium	4.3	7.5	1.3	U	1.2	U	1.1	U	1.4	U	1.2	U	1.1	U	0.45	J	0.22	J	1.1	U
Calcium	NC	NC	9,820		8,180		3,060		9,440		1,630		2,210		31,500		7,930		1,010	
Chromium	180	NC	5.7		5.4		23.3		15.9		22.3		13.3		21.3		10.3		13.9	
Hexavalent Chromium	110	19	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cobalt	NC	NC	2.0	J	2.4	J	6.0		5.8		6.5		5.5		5.5		6.0		5.9	
Copper	270	1,720	10.6		14.3		17.8		32.6		17.2		23.2		33.5		34.4		14.9	
Cyanide	27	40	0.31	U	0.31	U	0.26	U	0.20	J	0.26	U	0.24	U	0.23	J	0.27	U	0.27	U
Iron	NC	NC	6,740		5,950		16,800		10,500		17,500		21,100		15,700		19,200		14,500	
Lead	400	450	10.5		24.0		11.8		8.9		15.0		4.0		1,270	J	243	J	12.2	J
Magnesium	NC	NC	970		689		4,160		2,430		3,400		4,600		4,460	J	4,340	J	2,070	J
Manganese	2,000	2,000	123	J	123	J	281	J	198	J	246	J	317	J	242		170		194	
Mercury	0.81	0.73	0.31		0.019	J	0.033		0.053		0.17		0.049		0.38		0.85		0.019	U
Nickel	310	130	6.0		7.9		16.1		11.7		14.6		7.9		18.7	J	15.0	J	11.4	
Potassium	NC	NC	517		319		4,290		1,020		2,140		6,970		1,700		1,000		1,010	
Selenium	180	4	0.57	J	1.3	J	0.65	J	0.67	J	0.29	J	0.39	J	0.39	J	0.29	J	1.3	U
Silver	180	8.3	1.3	U	1.2	U	1.1	U	1.4	U	1.2	U	1.1	U	0.12	J	1.1	U	1.1	U
Sodium	NC	NC	136		183		115		156		123		87.9	J	416		165		145	
Thallium	NC	NC	0.086	J	0.15	J	0.40	J	0.092	J	0.19	J	0.62		0.11	J	0.44	U	0.055	J
Vanadium	NC	NC	7.9		11.6		24.2		26.9		27.6		35.3		18.1	J	22.0	J	20.7	J
Zinc	10,000	2,480	21.9		19.7		46.0		41.1		81.4		57.4		367		88.7		26.3	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-SB-11-E (0-2)		TRC-SB-11-E (4-6)		TRC-SB-11-E (8-10)		TRC-SB-11-S (0-2)		TRC-SB-11-S (4-6)		TRC-SB-11-W (0-2)		TRC-SB-11-W (4-6)		TRC-SB-23 (0-2)		TRC-SB-23 (2-4)	
LABORATORY SAMPLE ID:			460-248242-5		460-248242-6		460-248242-7		460-248242-11		460-248242-12		460-248242-13		460-248242-14		460-248094-1		460-248094-2	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		11/29/2021		11/29/2021	
METALS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Aluminum	NC	NC	4,030		6,880		10,600		6,770		7,870		8,900		10,700		8,360		12,200	
Antimony	NC	NC	13.3	J	1.1	U J	1.1	U J	0.34	J	1.2	U J	0.31	J	1.1	U J	0.20	J	1.1	U J
Arsenic	16	16	6.0	J	3.2	J	1.4	J	26.7	J	2.4		5.9		4.0		4.7		2.6	
Barium	400	820	735		151		69.5		223		87.0		73.5		37.3		101		26.7	
Beryllium	72	47	0.21	J	0.32	J	0.40	J	0.38	J	0.41	J	0.42	J	0.62		0.38	J	0.37	J
Cadmium	4.3	7.5	0.93	J	0.17	J	1.1	U	0.90	J	0.16	J	0.13	J	1.1	U	0.26	J	1.1	U
Calcium	NC	NC	66,100		34,700		1,640		36,900		11,100		7,530		1,850		8,380		1,160	
Chromium	180	NC	59.9		17.6		20.0		16.3		16.2		16.5		21.9		20.2		19.1	
Hexavalent Chromium	110	19	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cobalt	NC	NC	3.6		5.0		8.0		5.1		5.4		6.3		6.4		5.8		7.6	
Copper	270	1,720	29.6		21.9		16.9		30.2		27.1		36.5		12.7		56.7		12.5	
Cyanide	27	40	0.68	J	0.29	J	0.26	U	0.27	U	0.28	U	0.14	J	0.28	U	0.27	U	0.26	U
Iron	NC	NC	9,970		12,600		17,600		11,100		13,100		15,400		18,900		14,000		19,000	
Lead	400	450	3,830	J	407	J	5.2	J	655	J	348		272		9.7		135		5.6	
Magnesium	NC	NC	3,140	J	4,700	J	4,220	J	3,290	J	4,890		2,700		4,030		2,890	J	2,640	J
Manganese	2,000	2,000	229		236		317		281		234	J	262	J	453	J	272	J	324	J
Mercury	0.81	0.73	0.82		0.29		0.84		3.2		26.4		1.7		0.066		0.28		0.019	
Nickel	310	130	9.5	J	11.1	J	17.9	J	13.3	J	13.2		12.3		14.8		12.2		13.0	
Potassium	NC	NC	862		914		2,690		1,160		828		930		1,350		698		627	
Selenium	180	4	0.64	J	0.23	J	0.32	J	0.91	J	1.5	U	0.41	J	0.20	J	0.45	J	1.3	U
Silver	180	8.3	0.13	J	1.1	U	1.1	U	0.23	J	1.2	U	0.10	J	1.1	U	0.13	J	1.1	U
Sodium	NC	NC	490		536		298		720		291		196		119		135		74.6	J
Thallium	NC	NC	0.055	J	0.051	J	0.11	J	0.55		0.098	J	0.12	J	0.099	J	0.072	J	0.076	J
Vanadium	NC	NC	11.7	J	15.6	J	29.6	J	17.1	J	18.6		20.8		35.4		20.5		27.1	
Zinc	10,000	2,480	488		122		44.8		214		104		114		37.3		138		34.7	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-SB-23 (13-15)		TRC-SB-24 (0-2)		TRC-SB-24 (3-5)		TRC-SB-25 (0-2)		TRC-SB-25 (4-6)		TRC-SB-25 (6-8)		TRC-SB-26 (0-2)		TRC-SB-26 (2-4)		TRC-SB-28 (0-2)	
LABORATORY SAMPLE ID:			460-248094-3		460-248242-1		460-248242-2		460-248135-2		460-248135-3		460-248135-4		460-248242-3		460-248242-4		460-248135-6	
DATE SAMPLE COLLECTED:			11/29/2021		12/1/2021		12/1/2021		11/30/2021		11/30/2021		11/30/2021		12/1/2021		12/1/2021		11/30/2021	
METALS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Aluminum	NC	NC	4,710		7,030		8,810		7,750		12,700		10,300		9,020		8,870		6,980	
Antimony	NC	NC	1.0	U J	1.0	U J	1.1	U J	0.78	J	0.18	J	1.2	U J	1.1	U J	1.1	U J	1.1	U J
Arsenic	16	16	1.6		2.1	J	1.6	J	20.6	J	5.4	J	2.8	J	3.4	J	3.8	J	2.0	J
Barium	400	820	41.3		37.3		60.7		434		38.6		59.2		58.5		83.1		290	J
Beryllium	72	47	0.30	J	0.27	J	0.33	J	0.58		0.40	J	0.52		0.36	J	0.37	J	0.33	J
Cadmium	4.3	7.5	1.0	U	1.0	U	1.1	U	0.75	J	1.2	U	1.2	U	1.1	U	0.13	J	1.1	U
Calcium	NC	NC	3,170		4,530		1,140		3,060		7,130		1,100		17,100		9,920		1,520	
Chromium	180	NC	12.4		14.1		20.7		28.2		19.7		30.8		17.9		19.0		20.3	
Hexavalent Chromium	110	19	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cobalt	NC	NC	5.0		5.3		7.1		8.9		8.7		7.8		6.1		7.1		5.7	
Copper	270	1,720	14.0		25.3		23.6		125		19.4		18.4		26.9		43.1		18.8	
Cyanide	27	40	0.22	U	0.23	U	0.26	U	0.36		0.28	U	0.24	U	0.25	U	0.24	U	0.55	
Iron	NC	NC	13,100		13,000		17,900		24,100		21,400		18,600		15,500		16,400		14,100	
Lead	400	450	3.3		6.7	J	5.0	J	1,270	J	37.4	J	5.5	J	88.2	J	83.2	J	280	J
Magnesium	NC	NC	2,790	J	3,040	J	3,000	J	2,140	J	3,310	J	3,550	J	4,430	J	3,590	J	2,130	J
Manganese	2,000	2,000	337	J	246		382		293		194		328		290		494		348	
Mercury	0.81	0.73	0.017	U	0.042		0.0090	J	2.9		0.33		0.0098	J	0.87		0.18		0.10	
Nickel	310	130	11.2		13.5		15.6	J	20.6	J	13.6	J	15.4		13.8	J	15.0	J	12.3	J
Potassium	NC	NC	1,110		826		1,660		962		680		1,360		1,340		1,480		969	
Selenium	180	4	1.3	U	1.3	U	1.4	U	1.1	J	0.22	J	1.5	U	0.21	J	0.18	J	0.17	J
Silver	180	8.3	1.0	U	1.0	U	1.1	U	0.27	J	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U
Sodium	NC	NC	168		111		117		152		190		184		1,150		309		129	
Thallium	NC	NC	0.093	J	0.059	J	0.11	J	0.21	J	0.055	J	0.097	J	0.069	J	0.099	J	0.067	J
Vanadium	NC	NC	18.7		23.5	J	29.5	J	25.2	J	25.4	J	30.8	J	21.0	J	27.2	J	22.2	J
Zinc	10,000	2,480	24.6		30.0		37.1		506		71.9		38.1		60.4		68.1		56.6	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-DUP-02		TRC-SB-28 (5-7)		TRC-SB-28 (7-9)		TRC-SB-29 (0-2)		TRC-SB-29 (6-8)		TRC-SB-29 (12-14)		TRC-SB-30 (0-2)		TRC-DUP-01		TRC-SB-30 (4-6)	
LABORATORY SAMPLE ID:			460-248135-7		460-248135-8		460-248135-9		460-248094-4		460-248094-5		460-248094-6		460-248094-7		460-248094-10		460-248094-8	
DATE SAMPLE COLLECTED:			11/30/2021		11/30/2021		11/30/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021	
METALS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Aluminum	NC	NC	7,110		6,090		6,320		7,420		9,940		10,000		9,870		9,200		8,180	
Antimony	NC	NC	1.1	U J	1.1	U J	1.0	U J	1.1	U J	1.1	U J	1.2	U J	1.0	U J	1.0	U J	1.0	U J
Arsenic	16	16	2.2	J	2.1	J	1.3	J	2.9		3.0		1.6		3.1		3.6		4.8	
Barium	400	820	115	J	40.7		40.0		78.2		46.9		133		41.5		52.8		48.7	
Beryllium	72	47	0.32	J	0.29	J	0.32	J	0.36	J	0.53		0.23	J	0.37	J	0.41		0.36	J
Cadmium	4.3	7.5	1.1	U	1.1	U	1.0	U	1.1	U	1.1	U	1.2	U	1.0	U	1.0	U	0.12	J
Calcium	NC	NC	1,640		7,790		796		3,520		1,690		5,020		1,930	J	3,410	J	17,100	
Chromium	180	NC	17.5		15.5		12.8		13.8	J	40.1		34.3	J	17.5	J	18.8	J	18.1	J
Hexavalent Chromium	110	19	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cobalt	NC	NC	5.7		4.7		5.1		4.6		6.0		11.3		6.6		6.1	J	6.5	J
Copper	270	1,720	20.9		16.2		15.6		15.0		17.7		22.3		15.1		18.0		13.7	
Cyanide	27	40	1.2		0.25	U	0.23	U	0.27	U	0.24	U	0.31	U	0.24	U	0.22	U	0.23	U
Iron	NC	NC	13,300		11,700		12,300		11,700		26,400		26,900		15,300		14,300		12,800	
Lead	400	450	138	J	15.5	J	3.2	J	240		7.4		3.0		21.7	J	49.1	J	23.4	
Magnesium	NC	NC	2,410	J	1,830	J	1,430	J	2,020		3,500	J	7,560		2,290		2,560		5,300	
Manganese	2,000	2,000	318		349		352		258		225	J	398		262		259		291	
Mercury	0.81	0.73	0.094		0.013	J	0.017	U	1.5		0.012	J	0.0099	J	0.087		0.12		0.015	J
Nickel	310	130	12.9	J	12.6	J	9.9	J	9.2		14.6		23.6		12.3		13.5		13.0	
Potassium	NC	NC	1,150		749		733		681		1,390		2,820		526		616		649	
Selenium	180	4	0.16	J	1.3	U	1.3	U	0.18	J	0.36	J	1.6	U	0.13	J	0.17	J	0.14	J
Silver	180	8.3	1.1	U	1.1	U	1.0	U	1.1	U	1.1	U	1.2	U	1.0	U	1.0	U	1.0	U
Sodium	NC	NC	139		131		120		120		188		251		100	J	114		121	
Thallium	NC	NC	0.079	J	0.43	U	0.42	U	0.089	J	0.090	J	0.22	J	0.089	J	0.081	J	0.078	J
Vanadium	NC	NC	21.4	J	20.2	J	19.0	J	18.5		39.4		42.7		23.6		25.8	J	23.0	J
Zinc	10,000	2,480	46.6		27.7		20.9		75.7		34.7		49.5		49.9		63.2		71.6	

Notes
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NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-SB-30 (12-14)		TRC-SB-31 (0-2)		TRC-SB-31 (3.5-5.5)		TRC-SB-31 (8.5-10.5)		TRC-SB-32 (0-2)		TRC-DUP-03		TRC-SB-32 (4-6)		TRC-SB-32 (9-11)		TRC-SB-33 (0-2)	
LABORATORY SAMPLE ID:			460-248094-9		460-248403-2		460-248403-3		460-248403-4		460-248403-5		460-248403-14		460-248403-6		460-248403-7		460-248403-8	
DATE SAMPLE COLLECTED:			11/29/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
METALS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Aluminum	NC	NC	15,900		4,600		10,400		10,100		4,540		3,360		13,500		6,540		11,000	
Antimony	NC	NC	1.2	U J	0.33	J	1.1	U J	1.1	U J	0.27	J	0.26	J	1.1	U J	1.1	U J	0.32	J
Arsenic	16	16	3.1		10.7		2.5		2.7		21.6		17.5		2.7		2.3		5.2	
Barium	400	820	134		167		43.6		37.9		55.5		51.6		104		37.9		310	
Beryllium	72	47	0.82		0.37	J	0.48		0.40	J	0.29	J	0.28	J	0.72		0.35	J	0.75	
Cadmium	4.3	7.5	1.2	U	0.33	J	1.1	U	1.1	U	0.50	J	0.58	J	1.1	U	1.1	U	0.36	J
Calcium	NC	NC	4,590		3,300		1,220		1,350		14,200		14,200		1,740		1,060		23,300	
Chromium	180	NC	52.5	J	11.6		18.5		19.8		12.6		10.8		35.6		16.3		31.5	J
Hexavalent Chromium	110	19	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cobalt	NC	NC	14.9	J	4.7		8.4		5.3		4.4		4.0		11.6		6.2		21.8	J
Copper	270	1,720	30.3		72.9		9.3		10.5		60.2		68.9		23.2		14.3		73.4	
Cyanide	27	40	0.29	U	0.32	J	0.28	U	0.27	U	0.38	J	0.64	J	0.27	U	0.27	U	0.18	J
Iron	NC	NC	31,300		10,500		14,200		14,200		10,700		9,280		24,600		14,400		15,800	
Lead	400	450	10.6		608		13.1		14.4		197		197		9.7		5.0		350	
Magnesium	NC	NC	8,020		1,300		1,910		1,950		2,970		4,460		5,340		2,240		6,520	
Manganese	2,000	2,000	469		164	J	251	J	165	J	167	J	105	J	599	J	449	J	652	
Mercury	0.81	0.73	0.020	U	0.86		0.072		0.019	U	0.20		0.21		0.023		0.019	U	0.38	
Nickel	310	130	37.0		11.6		12.0		11.3		12.8		11.6		24.7		16.3		14.6	
Potassium	NC	NC	4,580		584		444		489		634		498		2,850		885		947	
Selenium	180	4	0.17	J	0.69	J	0.42	J	0.25	J	0.44	J	0.62	J	1.4	U	1.3	U	0.70	J
Silver	180	8.3	1.2	U	0.19	J	1.1	U	1.1	U	1.0	U	0.11	J	1.1	U	1.1	U	0.13	J
Sodium	NC	NC	293		766		82.8	J	93.7	J	175		161		178		91.0	J	309	
Thallium	NC	NC	0.29	J	0.12	J	0.086	J	0.080	J	0.076	J	0.062	J	0.21	J	0.072	J	0.16	J
Vanadium	NC	NC	48.5	J	18.1	J	20.1	J	20.7	J	23.0	J	22.7	J	39.9	J	23.6	J	29.5	J
Zinc	10,000	2,480	83.2		226	J	80.1	J	49.9	J	68.4	J	73.0	J	64.2	J	27.2	J	454	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 4
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Metals

SAMPLE ID:			TRC-SB-33 (4-6)		TRC-SB-33 (9-11)		TRC-SB-34 (0-2)		TRC-SB-34 (8-10)		TRC-SB-34 (10-12)	
LABORATORY SAMPLE ID:			460-248403-9		460-248403-10		460-248403-11		460-248403-12		460-248403-13	
DATE SAMPLE COLLECTED:			12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
METALS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
Aluminum	NC	NC	10,300		15,400		4,370		16,200		9,790	
Antimony	NC	NC	1.1	U J	1.1	U J	0.34	J	1.1	U J	1.1	U J
Arsenic	16	16	2.7		3.1		2.7		2.8		2.7	
Barium	400	820	52.5		90.0		126		108		126	
Beryllium	72	47	0.61		0.92		0.25	J	0.85		0.54	
Cadmium	4.3	7.5	1.1	U	1.1	U	0.38	J	1.1	U	0.14	J
Calcium	NC	NC	1,540		1,590		26,900		3,280		21,800	
Chromium	180	NC	17.6		40.8		9.5		41.7		25.3	
Hexavalent Chromium	110	19	NA		NA		NA		NA		NA	
Cobalt	NC	NC	5.0		15.5		3.7		11.5		8.0	
Copper	270	1,720	15.2		26.5		47.6		23.0		20.3	
Cyanide	27	40	0.26	U	0.29	U	0.27	U	0.27	U	0.29	U
Iron	NC	NC	13,700		26,800		8,750		29,700		17,300	
Lead	400	450	37.9		8.0		129		8.5		84.2	
Magnesium	NC	NC	1,910		5,600		4,160		6,650		5,130	
Manganese	2,000	2,000	290	J	812	J	165	J	586	J	399	J
Mercury	0.81	0.73	0.12		0.018	U	0.072		0.019	U	0.028	
Nickel	310	130	10.4		26.0		9.8		28.1		16.7	
Potassium	NC	NC	430		2,590		718		4,850		1,630	
Selenium	180	4	0.48	J	0.18	J	0.16	J	1.4	U	1.4	U
Silver	180	8.3	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Sodium	NC	NC	110		143		280		199		242	
Thallium	NC	NC	0.083	J	0.24	J	0.050	J	0.26	J	0.14	J
Vanadium	NC	NC	21.5	J	48.1	J	24.5	J	50.1	J	30.3	J
Zinc	10,000	2,480	42.0	J	59.5	J	140	J	65.8	J	86.3	J

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 5
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Select Toxicity Characteristic Leaching Procedure Metals

SAMPLE ID:		TRC-SB-05 (0-2)		TRC-SB-06 (0-2)		TRC-SB-07 (0-2)		TRC-SB-09 (0-2)		TRC-SB-11 (0-2)		TRC-SB-11 (4-6)		TRC-SB-12 (3-5)	
LABORATORY SAMPLE ID:		460-226524-1		460-226524-3		460-226524-7		460-226591-9		460-227322-7		460-227322-8		460-227322-5	
DATE SAMPLE COLLECTED:		1/14/2021		1/14/2021		1/14/2021		1/15/2020		1/27/2021		1/27/2021		1/27/2021	
	TCLP Regulatory Level (mg/L)	Result (mg/L)		Result (mg/L)		Result (mg/L)		Result (mg/L)		Result (mg/L)		Result (mg/L)		Result (mg/L)	
METALS (mg/L)															
Chromium	5	NA		NA		NA		0.050	U	0.050	U	NA		NA	
Lead	5	0.152		0.158		0.103		0.0189	J	1.12		5.93		0.106	
Mercury	0.2	NA		NA		NA		NA		0.20	U	NA		NA	

Notes
mg/L - milligrams per Liter
Shading and bolding indicates results above comparison criteria.
NA - Not analyzed
U - Non-detect
J - Estimated value
TCLP - Toxicity Characteristic Leaching Procedure

Table 5
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Toxicity Characteristic Leaching Procedure

SAMPLE ID:		TRC-SB-13 (0-2)		TRC-SB-13 (6-8)		TRC-SB-14 (0-2)		TRC-SB-15 (0-2)		TRC-TP-1 (15-16)		TRC-SB-11-N (4-6)		TRC-SB-11-N (8-10)	
LABORATORY SAMPLE ID:		460-227322-1		460-227322-2		460-227322-3		460-228242-1		460-230142-1		460-248242-9		460-248242-10	
DATE SAMPLE COLLECTED:		1/27/2021		1/27/2021		1/27/2021		2/15/2021		3/17/2021		12/1/2021		12/1/2021	
	TCLP Regulatory Level (mg/L)	Result (mg/L)		Result (mg/L)		Result (mg/L)		Result (mg/L)		Result (mg/L)		Result (mg/L)		Result (mg/L)	
METALS (mg/L)															
Chromium	5	NA		NA		NA		NA		NA		NA		NA	
Lead	5	0.0631		0.102		0.0304		0.498	J	3.74		7.14		0.0733	
Mercury	0.2	NA		NA		NA		NA		NA		NA		NA	

Notes
mg/L - milligrams per Liter
Shading and bolding indicates results above comparison criteria.
NA - Not analyzed
U - Non-detect
J - Estimated value
TCLP - Toxicity Characteristic Leaching Procedure

Table 5
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Toxicity Characteristic Leaching Procedure

SAMPLE ID:		TRC-SB-11-E (4-6)		TRC-SB-11-S (4-6)		TRC-SB-11-W (4-6)	
LABORATORY SAMPLE ID:		460-248242-6		460-248242-12		460-248242-14	
DATE SAMPLE COLLECTED:		12/1/2021		12/1/2021		12/1/2021	
	TCLP Regulatory Level (mg/L)	Result (mg/L)		Result (mg/L)		Result (mg/L)	
METALS (mg/L)							
Chromium	5	NA		NA		NA	
Lead	5	0.0627		0.112		0.156	
Mercury	0.2	NA		0.0002	U	NA	

Notes
mg/L - milligrams per Liter
Shading and bolding indicates results above comparison criteria.
NA - Not analyzed
U - Non-detect
J - Estimated value
TCLP - Toxicity Characteristic Leaching Procedure

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-05 (0-2)		TRC-SB-05 (6-8)		TRC-SB-06 (0-2)		TRC-SB-06 (4-6)		TRC-SB-07 (0-2)		TRC-SB-07 (9-11)		TRC-SB-08 (0-2)		TRC-SB-08 (7-9)	
LABORATORY SAMPLE ID:			460-226524-1		460-226524-2		460-226524-3		460-226524-4		460-226524-7		460-226524-8		460-226591-4		460-226591-5	
DATE SAMPLE COLLECTED:			1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/15/2021		1/15/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U
	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U
	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U
	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U
	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U
	NC	NC	0.079	U	0.078	U	1.0		0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U
	NC	NC	0.25		0.078	U	0.074	U	0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U
	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U
	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U
	1	3.2	0.25		0.078	U	1.0		0.074	U	0.077	U J	0.080	U	0.074	U	0.085	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-09 (0-2)		TRC-SB-10 (0-2)		TRC-SB-11 (0-2)		TRC-SB-11 (4-6)		TRC-SB-12 (3-5)		TRC-SB-12 (10-12)		TRC-SB-13 (0-2)		TRC-SB-13 (6-8)	
LABORATORY SAMPLE ID:			460-226591-9		460-226591-6		460-227322-7		460-227322-8		460-227322-5		460-227322-6		460-227322-1		460-227322-2	
DATE SAMPLE COLLECTED:			1/15/2021		1/15/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
	1	3.2	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-14 (0-2)		TRC-SB-14 (8-10)		TRC-SB-15 (0-2)		TRC-SB-15 (9-11)		TRC-SB-16 (0-2)		TRC-SB-17 (0-2)		TRC-SB-17 (6-8)		TRC-SB-18 (0-2)	
LABORATORY SAMPLE ID:			460-227322-3		460-227322-4		460-226524-5		460-226524-6		460-226591-8		460-228242-1		460-228242-2		460-226591-7	
DATE SAMPLE COLLECTED:			1/27/2021		1/27/2021		1/14/2021		1/14/2021		1/15/2021		2/15/2021		2/15/2021		1/15/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U	0.073	U	0.087	U
	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U	0.073	U	0.087	U
	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U	0.073	U	0.087	U
	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U	0.073	U	0.087	U
	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U	0.073	U	0.087	U
	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.64		0.073	U	0.073	U	0.087	U
	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U	0.073	U	0.087	U
	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U	0.073	U	0.087	U
	NC	NC	0.078	U	0.075	U	0.074	U	0.084	U	0.081	U	0.073	U	0.073	U	0.087	U
	1	3.2	0.078	U	0.075	U	0.074	U	0.084	U	0.64		0.073	U	0.073	U	0.087	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-19 (0-2)		TRC-SB-19 (5.5-7.5)		TRC-SB-20 (0-2)		TRC-SB-20 (2.5-4.5)		TRC-SB-22 (3-5)		TRC-SB-22 (6.5-8.5)		TRC-TP-1 (15-16)		TRC-TP-2 (18.5-19)	
LABORATORY SAMPLE ID:			460-228242-3		460-228242-4		460-228242-5		460-228242-6		460-228242-7		460-228242-8		460-230142-1		460-230480-1	
DATE SAMPLE COLLECTED:			2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		3/17/2021		3/22/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U
	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U
	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U
	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U
	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U
	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U
	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U
	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U
	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U
	1	3.2	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.027	U	0.078	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-TP-3 (15-16)		TRC-TP-4 (21-22)		LOT01-SB-01		LOT01-SB-02		LOT06-SB-03		LOT06-SB-04		TRC-SB-02-N1 (0-2)		TRC-SB-02-N2 (0-2)	
LABORATORY SAMPLE ID:			460-229498-1		460-229734-1		460-216437-1		460-216437-2		460-216341-1		460-216341-2		460-248403-1		460-248403-2	
DATE SAMPLE COLLECTED:			3/8/2021		3/11/2021		8/19/2020		8/19/2020		8/18/2020		8/18/2020		12/2/2021		12/3/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
	NC	NC	0.079	U	0.074	U	0.098	U	1.4		0.076	U	0.075	U	0.071	U	0.091	U
	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
	1	3.2	0.079	U	0.074	U	0.098	U	1.4		0.076	U	0.075	U	0.071	U	0.091	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-02-E (0-2)		TRC-SB-02-S1 (0-2)		TRC-SB-02-S2 (0-2)		TRC-SB-02-W (0-2)		TRC-SB-10-N (0-2)		TRC-SB-10-E1 (0-2)		TRC-SB-10-E2 (0-2)		TRC-SB-10-S1 (0-2)	
LABORATORY SAMPLE ID:			460-248310-3		460-248310-1		460-248310-2		460-248310-5		460-248310-12		460-248310-10		460-248310-11		460-248310-7	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
	NC	NC	0.084	U	0.079	U	0.10	U	0.41		0.083	U	0.086	U	0.085	U	0.076	U
	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
	1	3.2	0.084	U	0.079	U	0.10	U	0.41		0.083	U	0.086	U	0.085	U	0.076	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-10-S2 (0-2)		TRC-SB-10-S3 (0-2)		TRC-SB-10-W (0-2)		TRC-SB-11-N (0-2)		TRC-SB-11-N (4-6)		TRC-SB-11-N (8-10)		TRC-SB-11-E (0-2)		TRC-SB-11-E (4-6)	
LABORATORY SAMPLE ID:			460-248310-8		460-248310-9		460-248310-6		460-248242-8		460-248242-9		460-248242-10		460-248242-5		460-248242-6	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
	1	3.2	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-11-E (8-10)		TRC-SB-11-S (0-2)		TRC-SB-11-S (4-6)		TRC-SB-11-W (0-2)		TRC-SB-11-W (4-6)		TRC-SB-23 (0-2)		TRC-SB-23 (2-4)		TRC-SB-23 (13-15)	
LABORATORY SAMPLE ID:			460-248242-7		460-248242-11		460-248242-12		460-248242-13		460-248242-14		460-248094-1		460-248094-2		460-248094-3	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		11/29/2021		11/29/2021		11/29/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
	1	3.2	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-24 (0-2)		TRC-SB-24 (3-5)		TRC-SB-25 (0-2)		TRC-SB-25 (4-6)		TRC-SB-25 (6-8)		TRC-SB-26 (0-2)		TRC-SB-26 (2-4)		TRC-SB-28 (0-2)	
LABORATORY SAMPLE ID:			460-248242-1		460-248242-2		460-248135-2		460-248135-3		460-248135-4		460-248242-3		460-248242-4		460-248135-6	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		11/30/2021		11/30/2021		11/30/2021		12/1/2021		12/1/2021		11/30/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
	1	3.2	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-DUP-02		TRC-SB-28 (5-7)		TRC-SB-28 (7-9)		TRC-SB-29 (0-2)		TRC-SB-29 (6-8)		TRC-SB-29 (12-14)		TRC-SB-30 (0-2)		TRC-DUP-01	
LABORATORY SAMPLE ID:			460-248135-7		460-248135-8		460-248135-9		460-248094-4		460-248094-5		460-248094-6		460-248094-7		460-248094-10	
DATE SAMPLE COLLECTED:			11/30/2021		11/30/2021		11/30/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
	1	3.2	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-30 (4-6)		TRC-SB-30 (12-14)		TRC-SB-31 (0-2)		TRC-SB-31 (3.5-5.5)		TRC-SB-31 (8.5-10.5)		TRC-SB-32 (0-2)		TRC-DUP-03		TRC-SB-32 (4-6)	
LABORATORY SAMPLE ID:			460-248094-8		460-248094-9		460-248403-2		460-248403-3		460-248403-4		460-248403-5		460-248403-14		460-248403-6	
DATE SAMPLE COLLECTED:			11/29/2021		11/29/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.077		0.072	J	0.079	U
	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
	1	3.2	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.077		0.072	J	0.079	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 6
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:			TRC-SB-32 (9-11)		TRC-SB-33 (0-2)		TRC-SB-33 (4-6)		TRC-SB-33 (9-11)		TRC-SB-34 (0-2)		TRC-SB-34 (8-10)		TRC-SB-34 (10-12)	
LABORATORY SAMPLE ID:			460-248403-7		460-248403-8		460-248403-9		460-248403-10		460-248403-11		460-248403-12		460-248403-13	
DATE SAMPLE COLLECTED:			12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
POLYCHLORINATED BIPHENYLS (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
Aroclor (Total)			0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U

Notes
mg/kg - milligrams per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison
criteria. Color representing least stringent criteria exceeded is
shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-05 (0-2)		TRC-SB-05 (6-8)		TRC-SB-06 (0-2)		TRC-SB-06 (4-6)		TRC-SB-07 (0-2)		TRC-SB-07 (9-11)		TRC-SB-08 (0-2)		TRC-SB-08 (7-9)	
LABORATORY SAMPLE ID:			460-226524-1		460-226524-2		460-226524-3		460-226524-4		460-226524-7		460-226524-8		460-226591-4		460-226591-5	
DATE SAMPLE COLLECTED:			1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/14/2021		1/15/2021		1/15/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0079	U	0.0078	U	0.0074	U	0.0037	J	0.0077	U	0.0080	U	0.0074	U	0.0085	U
4,4'-DDE	8.9	17	0.0066	J	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
4,4'-DDT	7.9	136	0.011	J	0.0078	U	0.0074	U	0.016		0.0072	J	0.0080	U	0.0074	U	0.0085	U
Aldrin	0.097	0.19	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
alpha-BHC	0.48	0.02	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0025	U
beta-BHC	0.36	0.09	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0025	U
Chlordane (technical)	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U	0.080	U	0.074	U	0.085	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0025	U
Dieldrin	0.2	0.1	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0025	U
Endosulfan I	24	102	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
Endosulfan II	24	102	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
Endosulfan sulfate	24	1,000	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
Endrin	11	0.06	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
Endrin aldehyde	NC	NC	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
Endrin ketone	NC	NC	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
gamma-BHC (Lindane)	1.3	0.1	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0025	U
Heptachlor	2.1	0.38	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
Heptachlor epoxide	NC	NC	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
Methoxychlor	NC	NC	0.0079	U	0.0078	U	0.0074	U	0.0074	U	0.0077	U	0.0080	U	0.0074	U	0.0085	U
Toxaphene	NC	NC	0.079	U	0.078	U	0.074	U	0.074	U	0.077	U	0.080	U	0.074	U	0.085	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
2,4,5-TP (Silvex)	100	3.8	0.039	U	0.039	U	0.037	U	0.037	U	0.012	J	0.040	U	0.037	U	0.042	U
2,4-D	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-09 (0-2)		TRC-SB-10 (0-2)		TRC-SB-11 (0-2)		TRC-SB-11 (4-6)		TRC-SB-12 (3-5)		TRC-SB-12 (10-12)		TRC-SB-13 (0-2)		TRC-SB-13 (6-8)	
LABORATORY SAMPLE ID:			460-226591-9		460-226591-6		460-227322-7		460-227322-8		460-227322-5		460-227322-6		460-227322-1		460-227322-2	
DATE SAMPLE COLLECTED:			1/15/2021		1/15/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021		1/27/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
4,4'-DDE	8.9	17	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
4,4'-DDT	7.9	136	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0030	J	0.0080	U
Aldrin	0.097	0.19	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
alpha-BHC	0.48	0.02	0.0021	U	0.0024	U	0.0026	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0024	U
beta-BHC	0.36	0.09	0.0021	U	0.0024	U	0.0026	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0024	U
Chlordane (technical)	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0021	U	0.0024	U	0.0026	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0024	U
Dieldrin	0.2	0.1	0.0021	U	0.0024	U	0.0026	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0024	U
Endosulfan I	24	102	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
Endosulfan II	24	102	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
Endosulfan sulfate	24	1,000	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
Endrin	11	0.06	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
Endrin aldehyde	NC	NC	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
Endrin ketone	NC	NC	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
gamma-BHC (Lindane)	1.3	0.1	0.0021	U	0.0024	U	0.0026	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0024	U
Heptachlor	2.1	0.38	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
Heptachlor epoxide	NC	NC	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
Methoxychlor	NC	NC	0.0072	U	0.0081	U	0.0088	U	0.0089	U	0.0075	U	0.0078	U	0.0077	U	0.0080	U
Toxaphene	NC	NC	0.072	U	0.081	U	0.088	U	0.089	U	0.075	U	0.078	U	0.077	U	0.080	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
2,4,5-TP (Silvex)	100	3.8	0.036	U	0.040	U	0.044	U	0.044	U	0.037	U	0.039	U	0.038	U	0.040	U
2,4-D	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-14 (0-2)		TRC-SB-14 (8-10)		TRC-SB-15 (0-2)		TRC-SB-15 (9-11)		TRC-SB-16 (0-2)		TRC-SB-17 (0-2)		TRC-SB-17 (6-8)		TRC-SB-18 (0-2)	
LABORATORY SAMPLE ID:			460-227322-3		460-227322-4		460-226524-5		460-226524-6		460-226591-8		460-228242-1		460-228242-2		460-226591-7	
DATE SAMPLE COLLECTED:			1/27/2021		1/27/2021		1/14/2021		1/14/2021		1/15/2021		2/15/2021		2/15/2021		1/15/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
4,4'-DDE	8.9	17	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0072	J	0.0073	U	0.0073	U	0.0087	U
4,4'-DDT	7.9	136	0.0037	J	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
Aldrin	0.097	0.19	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
alpha-BHC	0.48	0.02	0.0023	U	0.0022	U	0.011	U	0.0025	U	0.0024	U J	0.0022	U	0.0022	U	0.0026	U
beta-BHC	0.36	0.09	0.0023	U	0.0022	U	0.011	U	0.0025	U	0.0024	U J	0.0022	U	0.0022	U	0.0026	U
Chlordane (technical)	NC	NC	0.078	U	0.075	U	0.37	U	0.084	U	0.081	U J	0.073	U	0.073	U	0.087	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0023	U	0.0022	U	0.011	U	0.0025	U	0.0024	U J	0.0022	U	0.0022	U	0.0026	U
Dieldrin	0.2	0.1	0.0023	U	0.0022	U	0.011	U	0.0025	U	0.0024	U J	0.0022	U	0.0022	U	0.0026	U
Endosulfan I	24	102	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
Endosulfan II	24	102	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
Endosulfan sulfate	24	1,000	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
Endrin	11	0.06	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
Endrin aldehyde	NC	NC	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
Endrin ketone	NC	NC	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
gamma-BHC (Lindane)	1.3	0.1	0.0023	U	0.0022	U	0.011	U	0.0025	U	0.0024	U J	0.0022	U	0.0022	U	0.0026	U
Heptachlor	2.1	0.38	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
Heptachlor epoxide	NC	NC	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
Methoxychlor	NC	NC	0.0078	U	0.0075	U	0.037	U	0.0084	U	0.0081	U J	0.0073	U	0.0073	U	0.0087	U
Toxaphene	NC	NC	0.078	U	0.075	U	0.37	U	0.084	U	0.081	U J	0.073	U	0.073	U	0.087	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
2,4,5-TP (Silvex)	100	3.8	0.039	U	0.037	U	0.037	U	0.042	U	0.040	U	0.036	U	0.036	U	0.043	U
2,4-D	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-19 (0-2)		TRC-SB-19 (5.5-7.5)		TRC-SB-20 (0-2)		TRC-SB-20 (2.5-4.5)		TRC-SB-22 (3-5)		TRC-SB-22 (6.5-8.5)		TRC-TP-1 (15-16)		TRC-TP-2 (18.5-19)	
LABORATORY SAMPLE ID:			460-228242-3		460-228242-4		460-228242-5		460-228242-6		460-228242-7		460-228242-8		460-230142-1		460-230480-1	
DATE SAMPLE COLLECTED:			2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		2/15/2021		3/17/2021		3/22/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
4,4'-DDE	8.9	17	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
4,4'-DDT	7.9	136	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
Aldrin	0.097	0.19	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
alpha-BHC	0.48	0.02	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U	0.0026	U	0.0027	U	0.0023	U
beta-BHC	0.36	0.09	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U	0.0026	U	0.0027	U	0.0023	U
Chlordane (technical)	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.091	U	0.078	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U	0.0026	U	0.0027	U	0.0023	U
Dieldrin	0.2	0.1	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U	0.0026	U	0.0027	U	0.0023	U
Endosulfan I	24	102	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
Endosulfan II	24	102	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
Endosulfan sulfate	24	1,000	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
Endrin	11	0.06	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
Endrin aldehyde	NC	NC	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
Endrin ketone	NC	NC	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
gamma-BHC (Lindane)	1.3	0.1	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U	0.0026	U	0.0027	U	0.0023	U
Heptachlor	2.1	0.38	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
Heptachlor epoxide	NC	NC	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
Methoxychlor	NC	NC	0.0072	U	0.0075	U	0.0073	U	0.0075	U	0.0080	U	0.0088	U	0.0091	U	0.0078	U
Toxaphene	NC	NC	0.072	U	0.075	U	0.073	U	0.075	U	0.080	U	0.088	U	0.091	U	0.078	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
2,4,5-TP (Silvex)	100	3.8	0.036	U	0.037	U	0.036	U	0.037	U	0.040	U	0.044	U	0.045	U	0.039	U
2,4-D	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-TP-3 (15-16)		TRC-TP-4 (21-22)		LOT01-SB-01		LOT01-SB-02		LOT06-SB-03		LOT06-SB-04		TRC-SB-02-N1 (0-2)		TRC-SB-02-N2 (0-2)	
LABORATORY SAMPLE ID:			460-229498-1		460-229734-1		460-216437-1		460-216437-2		460-216341-1		460-216341-2		460-248403-1		460-248403-2	
DATE SAMPLE COLLECTED:			3/8/2021		3/11/2021		8/19/2020		8/19/2020		8/18/2020		8/18/2020		12/2/2021		12/3/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
4,4'-DDE	8.9	17	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
4,4'-DDT	7.9	136	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
Aldrin	0.097	0.19	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
alpha-BHC	0.48	0.02	0.0023	U	0.0022	U	0.0029	U	0.0030	U	0.0023	U	0.0022	U	0.0021	U	0.0027	U
beta-BHC	0.36	0.09	0.0023	U	0.0022	U	0.0029	U	0.0030	U	0.0023	U	0.0022	U	0.0021	U	0.0027	U
Chlordane (technical)	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
cis-Chlordane	4.2	2.9	NA		NA		0.0098	U	0.010	U	0.0076	U	0.0075	U	NA		NA	
delta-BHC	100	0.25	0.0023	U	0.0022	U	0.0029	U	0.0030	U	0.0023	U	0.0022	U	0.0021	U	0.0027	U
Dieldrin	0.2	0.1	0.0023	U	0.0022	U	0.0029	U	0.0030	U	0.0023	U	0.0022	U	0.0021	U	0.0027	U
Endosulfan I	24	102	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
Endosulfan II	24	102	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
Endosulfan sulfate	24	1,000	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
Endrin	11	0.06	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
Endrin aldehyde	NC	NC	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
Endrin ketone	NC	NC	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
gamma-BHC (Lindane)	1.3	0.1	0.0023	U	0.0022	U	0.0029	U	0.0030	U	0.0023	U	0.0022	U	0.0021	U	0.0027	U
Heptachlor	2.1	0.38	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
Heptachlor epoxide	NC	NC	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
Methoxychlor	NC	NC	0.0079	U	0.0074	U	0.0098	U	0.010	U	0.0076	U	0.0075	U	0.0071	U	0.0091	U
Toxaphene	NC	NC	0.079	U	0.074	U	0.098	U	0.10	U	0.076	U	0.075	U	0.071	U	0.091	U
trans-Chlordane	NC	NC	NA		NA		0.0098	U	0.010	U	0.0076	U	0.0075	U	NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	NA		NA		0.049	U	0.050	U	0.038	U	0.037	U	0.035	U	0.045	U
2,4,5-TP (Silvex)	100	3.8	0.039	U	0.037	U	0.049	U	0.050	U	0.038	U	0.037	U	0.035	U	0.045	U
2,4-D	NC	NC	NA		NA		0.049	U	0.050	U	0.038	U	0.037	U	0.035	U	0.045	U

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-02-E (0-2)		TRC-SB-02-S1 (0-2)		TRC-SB-02-S2 (0-2)		TRC-SB-02-W (0-2)		TRC-SB-10-N (0-2)		TRC-SB-10-E1 (0-2)		TRC-SB-10-E2 (0-2)		TRC-SB-10-S1 (0-2)	
LABORATORY SAMPLE ID:			460-248310-3		460-248310-1		460-248310-2		460-248310-5		460-248310-12		460-248310-10		460-248310-11		460-248310-7	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
4,4'-DDE	8.9	17	0.0084	U	0.0079	U	0.0038	J	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
4,4'-DDT	7.9	136	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
Aldrin	0.097	0.19	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
alpha-BHC	0.48	0.02	0.0025	U	0.0024	U	0.0030	U	0.0038	U	0.0025	U	0.0026	U	0.0025	U	0.0023	U
beta-BHC	0.36	0.09	0.0025	U	0.0024	U	0.0030	U	0.0038	U	0.0025	U	0.0026	U	0.0025	U	0.0023	U
Chlordane (technical)	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0025	U	0.0024	U	0.0030	U	0.0038	U	0.0025	U	0.0026	U	0.0025	U	0.0023	U
Dieldrin	0.2	0.1	0.0025	U	0.0024	U	0.0030	U	0.0038	U	0.0025	U	0.0026	U	0.0025	U	0.0023	U
Endosulfan I	24	102	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
Endosulfan II	24	102	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
Endosulfan sulfate	24	1,000	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
Endrin	11	0.06	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
Endrin aldehyde	NC	NC	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
Endrin ketone	NC	NC	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
gamma-BHC (Lindane)	1.3	0.1	0.0025	U	0.0024	U	0.0030	U	0.0038	U	0.0025	U	0.0026	U	0.0025	U	0.0023	U
Heptachlor	2.1	0.38	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
Heptachlor epoxide	NC	NC	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
Methoxychlor	NC	NC	0.0084	U	0.0079	U	0.010	U	0.013	U	0.0083	U	0.0086	U	0.0085	U	0.0076	U
Toxaphene	NC	NC	0.084	U	0.079	U	0.10	U	0.13	U	0.083	U	0.086	U	0.085	U	0.076	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	0.042	U	0.039	U	0.049	U	0.31	U	0.041	U	0.043	U	0.042	U	0.038	U
2,4,5-TP (Silvex)	100	3.8	0.042	U	0.039	U	0.049	U	0.31	U	0.041	U	0.043	U	0.042	U	0.038	U
2,4-D	NC	NC	0.042	U	0.039	U	0.049	U	0.31	U	0.041	U	0.043	U	0.042	U	0.038	U

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-10-S2 (0-2)		TRC-SB-10-S3 (0-2)		TRC-SB-10-W (0-2)		TRC-SB-11-N (0-2)		TRC-SB-11-N (4-6)		TRC-SB-11-N (8-10)		TRC-SB-11-E (0-2)		TRC-SB-11-E (4-6)	
LABORATORY SAMPLE ID:			460-248310-8		460-248310-9		460-248310-6		460-248242-8		460-248242-9		460-248242-10		460-248242-5		460-248242-6	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
4,4'-DDE	8.9	17	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
4,4'-DDT	7.9	136	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
Aldrin	0.097	0.19	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
alpha-BHC	0.48	0.02	0.0030	U	0.0025	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0024	U
beta-BHC	0.36	0.09	0.0030	U	0.0025	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0024	U
Chlordane (technical)	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0030	U	0.0025	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0024	U
Dieldrin	0.2	0.1	0.0030	U	0.0025	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0024	U
Endosulfan I	24	102	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
Endosulfan II	24	102	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
Endosulfan sulfate	24	1,000	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
Endrin	11	0.06	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
Endrin aldehyde	NC	NC	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
Endrin ketone	NC	NC	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
gamma-BHC (Lindane)	1.3	0.1	0.0030	U	0.0025	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0024	U
Heptachlor	2.1	0.38	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
Heptachlor epoxide	NC	NC	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
Methoxychlor	NC	NC	0.010	U	0.0083	U	0.0079	U	0.0076	U	0.0076	U	0.0076	U	0.0077	U	0.0079	U
Toxaphene	NC	NC	0.10	U	0.083	U	0.079	U	0.076	U	0.076	U	0.076	U	0.077	U	0.079	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	0.049	U	0.041	U	0.039	U	0.038	U	0.19	U	0.038	U	0.038	U	0.039	U
2,4,5-TP (Silvex)	100	3.8	0.049	U	0.041	U	0.039	U	0.038	U	0.19	U	0.038	U	0.038	U	0.039	U
2,4-D	NC	NC	0.049	U	0.041	U	0.039	U	0.038	U	0.19	U	0.038	U	0.038	U	0.039	U

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-11-E (8-10)		TRC-SB-11-S (0-2)		TRC-SB-11-S (4-6)		TRC-SB-11-W (0-2)		TRC-SB-11-W (4-6)		TRC-SB-23 (0-2)		TRC-SB-23 (2-4)		TRC-SB-23 (13-15)	
LABORATORY SAMPLE ID:			460-248242-7		460-248242-11		460-248242-12		460-248242-13		460-248242-14		460-248094-1		460-248094-2		460-248094-3	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		11/29/2021		11/29/2021		11/29/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
4,4'-DDE	8.9	17	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
4,4'-DDT	7.9	136	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
Aldrin	0.097	0.19	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
alpha-BHC	0.48	0.02	0.0023	U	0.0024	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U
beta-BHC	0.36	0.09	0.0023	U	0.0024	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U
Chlordane (technical)	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0023	U	0.0024	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U
Dieldrin	0.2	0.1	0.0023	U	0.0024	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U
Endosulfan I	24	102	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
Endosulfan II	24	102	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
Endosulfan sulfate	24	1,000	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
Endrin	11	0.06	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
Endrin aldehyde	NC	NC	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
Endrin ketone	NC	NC	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
gamma-BHC (Lindane)	1.3	0.1	0.0023	U	0.0024	U	0.0024	U	0.0023	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U
Heptachlor	2.1	0.38	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
Heptachlor epoxide	NC	NC	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
Methoxychlor	NC	NC	0.0077	U	0.0079	U	0.0079	U	0.0076	U	0.0078	U	0.0076	U	0.0078	U	0.0073	U
Toxaphene	NC	NC	0.077	U	0.079	U	0.079	U	0.076	U	0.078	U	0.076	U	0.078	U	0.073	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	0.038	U	0.039	U	0.039	U	0.038	U	0.039	U	0.038	U	0.039	U	0.036	U
2,4,5-TP (Silvex)	100	3.8	0.038	U	0.039	U	0.039	U	0.038	U	0.039	U	0.038	U *	0.039	U *	0.036	U *
2,4-D	NC	NC	0.038	U	0.039	U	0.039	U	0.038	U	0.039	U	0.038	U *	0.039	U *	0.036	U *

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-24 (0-2)		TRC-SB-24 (3-5)		TRC-SB-25 (0-2)		TRC-SB-25 (4-6)		TRC-SB-25 (6-8)		TRC-SB-26 (0-2)		TRC-SB-26 (2-4)		TRC-SB-28 (0-2)	
LABORATORY SAMPLE ID:			460-248242-1		460-248242-2		460-248135-2		460-248135-3		460-248135-4		460-248242-3		460-248242-4		460-248135-6	
DATE SAMPLE COLLECTED:			12/1/2021		12/1/2021		11/30/2021		11/30/2021		11/30/2021		12/1/2021		12/1/2021		11/30/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
4,4'-DDE	8.9	17	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
4,4'-DDT	7.9	136	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
Aldrin	0.097	0.19	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
alpha-BHC	0.48	0.02	0.0021	U	0.0022	U	0.0026	U	0.0025	U	0.0024	U	0.0023	U	0.0022	U	0.0022	U
beta-BHC	0.36	0.09	0.0021	U	0.0022	U	0.0026	U	0.0025	U	0.0024	U	0.0023	U	0.0022	U	0.0022	U
Chlordane (technical)	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0021	U	0.0022	U	0.0026	U	0.0025	U	0.0024	U	0.0023	U	0.0022	U	0.0022	U
Dieldrin	0.2	0.1	0.0021	U	0.0022	U	0.0026	U	0.0025	U	0.0024	U	0.0023	U	0.0022	U	0.0022	U
Endosulfan I	24	102	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
Endosulfan II	24	102	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
Endosulfan sulfate	24	1,000	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
Endrin	11	0.06	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
Endrin aldehyde	NC	NC	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
Endrin ketone	NC	NC	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
gamma-BHC (Lindane)	1.3	0.1	0.0021	U	0.0022	U	0.0026	U	0.0025	U	0.0024	U	0.0023	U	0.0022	U	0.0022	U
Heptachlor	2.1	0.38	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
Heptachlor epoxide	NC	NC	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
Methoxychlor	NC	NC	0.0071	U	0.0074	U	0.0086	U	0.0083	U	0.0080	U	0.0077	U	0.0075	U	0.0075	U
Toxaphene	NC	NC	0.071	U	0.074	U	0.086	U	0.083	U	0.080	U	0.077	U	0.075	U	0.075	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	0.035	U	0.037	U	0.043	U	0.041	U	0.040	U	0.038	U	0.037	U	0.037	U
2,4,5-TP (Silvex)	100	3.8	0.035	U	0.037	U	0.043	U	0.041	U	0.040	U	0.038	U	0.037	U	0.037	U
2,4-D	NC	NC	0.035	U	0.037	U	0.043	U	0.041	U	0.040	U	0.038	U	0.037	U	0.037	U

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-DUP-02		TRC-SB-28 (5-7)		TRC-SB-28 (7-9)		TRC-SB-29 (0-2)		TRC-SB-29 (6-8)		TRC-SB-29 (12-14)		TRC-SB-30 (0-2)		TRC-DUP-01	
LABORATORY SAMPLE ID:			460-248135-7		460-248135-8		460-248135-9		460-248094-4		460-248094-5		460-248094-6		460-248094-7		460-248094-10	
DATE SAMPLE COLLECTED:			11/30/2021		11/30/2021		11/30/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021		11/29/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
4,4'-DDE	8.9	17	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
4,4'-DDT	7.9	136	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
Aldrin	0.097	0.19	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
alpha-BHC	0.48	0.02	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0026	U	0.0022	U	0.0022	U
beta-BHC	0.36	0.09	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0026	U	0.0022	U	0.0022	U
Chlordane (technical)	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0026	U	0.0022	U	0.0022	U
Dieldrin	0.2	0.1	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0026	U	0.0022	U	0.0022	U
Endosulfan I	24	102	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
Endosulfan II	24	102	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
Endosulfan sulfate	24	1,000	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
Endrin	11	0.06	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
Endrin aldehyde	NC	NC	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
Endrin ketone	NC	NC	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
gamma-BHC (Lindane)	1.3	0.1	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0026	U	0.0022	U	0.0022	U
Heptachlor	2.1	0.38	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
Heptachlor epoxide	NC	NC	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
Methoxychlor	NC	NC	0.0074	U	0.0073	U	0.0074	U	0.0074	U	0.0075	U	0.0087	U	0.0075	U	0.0075	U
Toxaphene	NC	NC	0.074	U	0.073	U	0.074	U	0.074	U	0.075	U	0.087	U	0.075	U	0.075	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	0.037	U	0.036	U	0.037	U	0.037	U	0.037	U	0.043	U	0.037	U	0.037	U
2,4,5-TP (Silvex)	100	3.8	0.037	U	0.036	U	0.037	U	0.037	U *	0.037	U *	0.043	U *	0.037	U *	0.037	U *
2,4-D	NC	NC	0.037	U	0.036	U	0.037	U	0.037	U	0.037	U *	0.043	U	0.037	U *	0.037	U *

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-30 (4-6)		TRC-SB-30 (12-14)		TRC-SB-31 (0-2)		TRC-SB-31 (3.5-5.5)		TRC-SB-31 (8.5-10.5)		TRC-SB-32 (0-2)		TRC-DUP-03		TRC-SB-32 (4-6)	
LABORATORY SAMPLE ID:			460-248094-8		460-248094-9		460-248403-2		460-248403-3		460-248403-4		460-248403-5		460-248403-14		460-248403-6	
DATE SAMPLE COLLECTED:			11/29/2021		11/29/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
PESTICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
4,4'-DDD	13	14	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
4,4'-DDE	8.9	17	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
4,4'-DDT	7.9	136	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
Aldrin	0.097	0.19	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
alpha-BHC	0.48	0.02	0.0022	U	0.0026	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U
beta-BHC	0.36	0.09	0.0022	U	0.0026	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U
Chlordane (technical)	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0022	U	0.0026	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U
Dieldrin	0.2	0.1	0.0022	U	0.0026	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U
Endosulfan I	24	102	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
Endosulfan II	24	102	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
Endosulfan sulfate	24	1,000	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
Endrin	11	0.06	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
Endrin aldehyde	NC	NC	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
Endrin ketone	NC	NC	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
gamma-BHC (Lindane)	1.3	0.1	0.0022	U	0.0026	U	0.0023	U	0.0023	U	0.0023	U	0.0022	U	0.0022	U	0.0024	U
Heptachlor	2.1	0.38	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
Heptachlor epoxide	NC	NC	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
Methoxychlor	NC	NC	0.0072	U	0.0086	U	0.0077	U	0.0077	U	0.0077	U	0.0074	U	0.0074	U	0.0079	U
Toxaphene	NC	NC	0.072	U	0.086	U	0.077	U	0.077	U	0.077	U	0.074	U	0.074	U	0.079	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA		NA	
HERBICIDES (mg/kg)	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
2,4,5-T	NC	NC	0.036	U	0.043	U	0.039	U	0.038	U	0.038	U	0.037	U	0.037	U	0.039	U
2,4,5-TP (Silvex)	100	3.8	0.036	U *	0.043	U *	0.039	U	0.038	U	0.038	U	0.037	U	0.037	U	0.039	U
2,4-D	NC	NC	0.036	U *	0.043	U *	0.039	U	0.038	U	0.038	U	0.037	U	0.037	U	0.039	U

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 7
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:			TRC-SB-32 (9-11)		TRC-SB-33 (0-2)		TRC-SB-33 (4-6)		TRC-SB-33 (9-11)		TRC-SB-34 (0-2)		TRC-SB-34 (8-10)		TRC-SB-34 (10-12)	
LABORATORY SAMPLE ID:			460-248403-7		460-248403-8		460-248403-9		460-248403-10		460-248403-11		460-248403-12		460-248403-13	
DATE SAMPLE COLLECTED:			12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
PESTICIDES (mg/kg)																
4,4'-DDD	13	14	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0034	J	0.0079	U	0.0080	U
4,4'-DDE	8.9	17	0.0075	U	0.0029	J	0.0078	U	0.0080	U	0.012		0.0079	U	0.0046	J
4,4'-DDT	7.9	136	0.0075	U	0.0059	J	0.0078	U	0.0080	U	0.069		0.0079	U	0.0099	
Aldrin	0.097	0.19	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
alpha-BHC	0.48	0.02	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0024	U	0.0024	U
beta-BHC	0.36	0.09	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0024	U	0.0024	U
Chlordane (technical)	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
cis-Chlordane	4.2	2.9	NA		NA		NA		NA		NA		NA		NA	
delta-BHC	100	0.25	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0024	U	0.0024	U
Dieldrin	0.2	0.1	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0024	U	0.0024	U
Endosulfan I	24	102	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
Endosulfan II	24	102	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
Endosulfan sulfate	24	1,000	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
Endrin	11	0.06	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
Endrin aldehyde	NC	NC	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
Endrin ketone	NC	NC	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
gamma-BHC (Lindane)	1.3	0.1	0.0022	U	0.0022	U	0.0023	U	0.0024	U	0.0022	U	0.0024	U	0.0024	U
Heptachlor	2.1	0.38	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
Heptachlor epoxide	NC	NC	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
Methoxychlor	NC	NC	0.0075	U	0.0075	U	0.0078	U	0.0080	U	0.0075	U	0.0079	U	0.0080	U
Toxaphene	NC	NC	0.075	U	0.075	U	0.078	U	0.080	U	0.075	U	0.079	U	0.080	U
trans-Chlordane	NC	NC	NA		NA		NA		NA		NA		NA		NA	
	Restricted Residential Use SCOs per 6 NYCRR Part 375	Protection of Groundwater Use SCOs per 6 NYCRR Part 375	Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)		Result (mg/kg)	
HERBICIDES (mg/kg)																
2,4,5-T	NC	NC	0.037	U	0.037	U	0.039	U	0.040	U	0.037	U	0.039	U	0.040	U
2,4,5-TP (Silvex)	100	3.8	0.037	U	0.037	U	0.039	U	0.040	U	0.037	U	0.039	U	0.040	U
2,4-D	NC	NC	0.037	U	0.037	U	0.039	U	0.040	U	0.037	U	0.039	U	0.040	U

Notes
mg/kg - milligrams per kilogram
NA - Not Analyzed
NC - No criterion
SCO - Soil Cleanup Objective
Shading and bolding indicates results above comparison criteria.
Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value

Table 8
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Per- and Polyfluoroalkyl Substances

SAMPLE ID:			TRC-SB-02-N1 (0-2)		TRC-SB-02-E (0-2)		TRC-SB-02-S1 (0-2)		TRC-SB-02-W (0-2)		TRC-SB-10-N (0-2)		TRC-SB-10-E1 (0-2)		TRC-SB-10-S1 (0-2)	
LABORATORY SAMPLE ID:			460-248436-3		460-248436-2		460-248436-1		460-248436-4		460-248436-11		460-248436-9		460-248436-6	
DATE SAMPLE COLLECTED:			12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021		12/2/2021	
	Restricted Residential Use SCOs ⁽¹⁾	Protection of Groundwater Use SCOs ⁽¹⁾	Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ug/kg)																
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	NC	NC	3.53	U	3.45	U	3.96	U	3.81	U	3.54	U	3.41	U	4.30	U
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	NC	NC	2.35	U	2.30	U	2.64	U	2.54	U	2.36	U	2.27	U	2.87	U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NC	NC	2.35	U	2.30	U	2.64	U	2.54	U	1.55	J	2.27	U	0.41	J
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NC	NC	2.35	U	2.30	U	2.64	U	2.54	U	2.36	U	2.27	U	2.87	U
Perfluorobutanesulfonic acid (PFBS)	NC	NC	2.35	U	2.30	U	2.64	U	2.54	U	2.36	U	2.27	U	2.87	U
Perfluorobutanoic acid (PFBA)	NC	NC	2.35	U	2.30	U	2.64	U	2.54	U	2.36	U	2.27	U	2.87	U
Perfluorodecanesulfonic acid (PFDS)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorodecanoic acid (PFDA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorododecanoic acid (PFDoA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluoroheptanesulfonic acid (PFHpS)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluoroheptanoic acid (PFHpA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorohexanesulfonic acid (PFHxS)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorohexanoic acid (PFHxA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorononanoic acid (PFNA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorooctane sulfonate (PFOS)	44	3.7	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorooctanesulfonamide (PFOSA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorooctanoic acid (PFOA)	33	1.1	0.71	U	0.69	U	0.79	U	0.27	J	0.71	U	0.68	U	0.86	U
Perfluoropentanoic acid (PFPeA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorotetradecanoic acid (PFTeA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluorotridecanoic acid (PFTriA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U
Perfluoroundecanoic acid (PFUnA)	NC	NC	0.71	U	0.69	U	0.79	U	0.76	U	0.71	U	0.68	U	0.86	U

Notes
ug/kg - micrograms per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
⁽¹⁾ - Restricted Residential and Protection of Groundwater Use SCOs are presented in the NYSDEC Guidance Document titled "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs" (June 2021) and are proposed in an upcoming revision to 6 NYCRR Part 375-6.
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value.

Table 8
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Per- and Polyfluoroalkyl Substances

SAMPLE ID:			TRC-SB-10-W (0-2)		TRC-SB-11-N (0-2)		TRC-SB-11-E (0-2)		TRC-SB-11-S (0-2)		TRC-SB-11-W (0-2)		TRC-SB-23 (0-2)		TRC-SB-24 (0-2)	
LABORATORY SAMPLE ID:			460-248436-5		460-248256-4		460-248256-3		460-248256-5		460-248256-6		460-248094-13		460-248256-1	
DATE SAMPLE COLLECTED:			12/2/2021		12/1/2021		12/1/2021		12/1/2021		12/1/2021		11/29/2021		12/1/2021	
	Restricted Residential Use SCOs ⁽¹⁾	Protection of Groundwater Use SCOs ⁽¹⁾	Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ug/kg)																
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	NC	NC	3.50	U	3.30	U	3.17	U	3.51	U	3.28	U	3.48	U	3.07	U
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	NC	NC	2.33	U	2.20	U	2.11	U	2.34	U	2.19	U	2.32	U	2.04	U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NC	NC	2.33	U	2.20	U	2.11	U	2.34	U	2.19	U	2.32	U	2.04	U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NC	NC	2.33	U	2.20	U	2.11	U	2.34	U	2.19	U	2.32	U	2.04	U
Perfluorobutanesulfonic acid (PFBS)	NC	NC	2.33	U	2.20	U	2.11	U	2.34	U	2.19	U	2.32	U	2.04	U
Perfluorobutanoic acid (PFBA)	NC	NC	2.33	U	2.20	U	2.11	U	2.34	U	2.19	U	2.32	U	2.04	U
Perfluorodecanesulfonic acid (PFDS)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluorodecanoic acid (PFDA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluorododecanoic acid (PFDoA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluoroheptanesulfonic acid (PFHpS)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluoroheptanoic acid (PFHpA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluorohexanesulfonic acid (PFHxS)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluorohexanoic acid (PFHxA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluorononanoic acid (PFNA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluorooctane sulfonate (PFOS)	44	3.7	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	2.41		0.61	U
Perfluorooctanesulfonamide (PFOSA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluorooctanoic acid (PFOA)	33	1.1	0.70	U	0.66	U	0.63	U	0.29	J	0.66	U	0.70	U	0.61	U
Perfluoropentanoic acid (PFPeA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluorotetradecanoic acid (PFTeA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluorotridecanoic acid (PFTriA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U
Perfluoroundecanoic acid (PFUnA)	NC	NC	0.70	U	0.66	U	0.63	U	0.70	U	0.66	U	0.70	U	0.61	U

Notes
ug/kg - micrograms per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
⁽¹⁾ - Restricted Residential and Protection of Groundwater Use SCOs are presented in the NYSDEC Guidance Document titled "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs" (June 2021) and are proposed in an upcoming revision to 6 NYCRR Part 375-6.
Shading and bolding indicates results above comparison criteria. Color representing least stringent criteria exceeded is shown unless otherwise noted.
TRC-DUP-01 is a duplicate of TRC-SB-30 (0-2).
TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value.

Table 8
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Per- and Polyfluoroalkyl Substances

SAMPLE ID:			TRC-SB-25 (0-2)		TRC-SB-26 (0-2)		TRC-SB-28 (0-2)		TRC-DUP-02		TRC-SB-29 (0-2)		TRC-SB-30 (0-2)		TRC-DUP-01	
LABORATORY SAMPLE ID:			460-248158-2		460-248256-2		460-248158-3		460-248158-4		460-248094-14		460-248094-15		460-248094-17	
DATE SAMPLE COLLECTED:			11/30/2021		12/1/2021		11/30/2021		11/30/2021		11/29/2021		11/29/2021		11/29/2021	
	Restricted Residential Use SCOs ⁽¹⁾	Protection of Groundwater Use SCOs ⁽¹⁾	Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ug/kg)																
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	NC	NC	3.33	U	3.07	U	3.26	U	3.17	U	3.41	U	3.38	U	3.28	U
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	NC	NC	2.22	U	2.05	U	2.18	U	2.12	U	2.27	U	2.26	U	2.19	U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NC	NC	2.22	U	2.05	U	2.18	U	2.12	U	2.27	U	2.26	U	1.49	J
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NC	NC	2.22	U	2.05	U	2.18	U	2.12	U	2.27	U	2.26	U	1.6	J
Perfluorobutanesulfonic acid (PFBS)	NC	NC	2.22	U	2.05	U	2.18	U	2.12	U	2.27	U	2.26	U	2.19	U
Perfluorobutanoic acid (PFBA)	NC	NC	2.22	U	2.05	U	2.18	U	2.12	U	2.27	U	2.26	U	2.19	U
Perfluorodecanesulfonic acid (PFDS)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluorodecanoic acid (PFDA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluorododecanoic acid (PFDoA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluoroheptanesulfonic acid (PFHpS)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluoroheptanoic acid (PFHpA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluorohexanesulfonic acid (PFHxS)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluorohexanoic acid (PFHxA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluorononanoic acid (PFNA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluorooctane sulfonate (PFOS)	44	3.7	0.83		0.61	U	0.65	U	0.63	U	0.68	U	0.82		0.50	J
Perfluorooctanesulfonamide (PFOSA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluorooctanoic acid (PFOA)	33	1.1	0.46	J	0.61	U	0.29	J	0.26	J	0.90		0.68	U	0.66	U
Perfluoropentanoic acid (PFPeA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluorotetradecanoic acid (PFTeA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluorotridecanoic acid (PFTrIA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U
Perfluoroundecanoic acid (PFUnA)	NC	NC	0.67	U	0.61	U	0.65	U	0.63	U	0.68	U	0.68	U	0.66	U

Notes
ug/kg - micrograms per kilogram
NC - No criterion
SCO - Soil Cleanup Objective
⁽¹⁾ - Restricted Residential and Protection of Groundwater Use SCOs are presented in the NYSDEC Guidance Document titled "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs" (June 2021) and are proposed in an upcoming revision to 6 NYCRR Part 375-6.
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TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value.

Table 8
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Soil Sampling Analytical Results for Per- and Polyfluoroalkyl Substances

SAMPLE ID:			TRC-SB-31 (0-2)		TRC-SB-32 (0-2)		TRC-DUP-03		TRC-SB-33 (0-2)		TRC-SB-34 (0-2)	
LABORATORY SAMPLE ID:			460-248448-1		460-248448-2		460-248448-4		460-248448-3		460-248448-6	
DATE SAMPLE COLLECTED:			12/3/2021		12/3/2021		12/3/2021		12/3/2021		12/3/2021	
	Restricted Residential Use SCOs ⁽¹⁾	Protection of Groundwater Use SCOs ⁽¹⁾	Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)		Result (ug/kg)	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ug/kg)												
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	NC	NC	3.43	U	3.07	U	3.26	U	3.32	U	3.13	U
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	NC	NC	2.29	U	2.05	U	2.17	U	2.22	U	2.09	U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NC	NC	2.29	U	2.05	U	2.17	U	2.22	U	2.09	U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NC	NC	2.29	U	2.05	U	2.17	U	2.22	U	2.09	U
Perfluorobutanesulfonic acid (PFBS)	NC	NC	2.29	U	2.05	U	2.17	U	2.22	U	2.09	U
Perfluorobutanoic acid (PFBA)	NC	NC	2.29	U	2.05	U	2.17	U	2.22	U	2.09	U
Perfluorodecanesulfonic acid (PFDS)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorodecanoic acid (PFDA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorododecanoic acid (PFDoA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluoroheptanesulfonic Acid (PFHpS)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluoroheptanoic acid (PFHpA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorohexanesulfonic acid (PFHxS)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorohexanoic acid (PFHxA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorononanoic acid (PFNA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorooctane sulfonate (PFOS)	44	3.7	0.89	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorooctanesulfonamide (PFOSA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorooctanoic acid (PFOA)	33	1.1	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluoropentanoic acid (PFPeA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorotetradecanoic acid (PFTeA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluorotridecanoic acid (PFTriA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U
Perfluoroundecanoic acid (PFUnA)	NC	NC	0.69	U	0.61	U	0.65	U	0.66	U	0.63	U

Notes

ug/kg - micrograms per kilogram

NC - No criterion

SCO - Soil Cleanup Objective

⁽¹⁾ - Restricted Residential and Protection of Groundwater Use SCOs are presented in the NYSDEC Guidance Document titled "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs" (June 2021) and are proposed in an upcoming revision to 6 NYCRR Part 375-6.
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TRC-DUP-02 is a duplicate of TRC-SB-28 (0-2).
TRC-DUP-03 is a duplicate of TRC-SB-32 (0-2).
U - Non-detect
J - Estimated value.

Table 9
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:		TRC-GW-05		TRC-GW-06		TRC-GW-07		TRC-GW-10		TRC-GW-13		TRC-GW-22		LOT01-GW-01		LOT01-GW-02		LOT06-GW-03	
LABORATORY SAMPLE ID:		460-226524-9		460-226524-10		460-226591-1		460-226591-2		460-227322-9		460-228242-9		460-216437-3		460-216437-4		460-216341-3	
DATE SAMPLE COLLECTED:		1/14/2021		1/14/2021		1/15/2021		1/15/2021		1/27/2021		2/15/2021		8/19/2020		8/19/2020		8/18/2020	
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
1,1,1-Trichloroethane	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	1	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,4-Trichlorobenzene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,4-Trimethylbenzene	5	1.0	U	1.0	U	1.0	U	300		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromo-3-Chloropropane	0.04	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene	3	1.0	U	1.0	U	1.0	U	6.1	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	0.6	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	1	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3,5-Trimethylbenzene	3	1.0	U	1.0	U	1.0	U	96		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene	3	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene	3	1.0	U	1.0	U	1.0	U	11	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dioxane	0.35 ⁽¹⁾	50	U	50	U	50	U	1,300	U	50	U	50	U	50	U	50	U	50	U
2-Butanone (MEK)	50	5.0	U	5.0	U	5.0	U	130	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	50	5.0	U	5.0	U	5.0	U	130	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Isopropyltoluene	NC	1.0	U	1.0	U	1.0	U	210		1.0	U	1.0	U	NA		NA		NA	
4-Methyl-2-pentanone (MIBK)	NC	5.0	U	5.0	U	5.0	U	130	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	50	5.0	U	5.0		14		130	U	5.0		5.0	U	5.0	U	5.0	U	6.5	U
Benzene	1	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform	50	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromomethane	5	1.0	U	1.0	U	1.0	UJ	25	UJ	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon disulfide	60	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon tetrachloride	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobromomethane	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorodibromomethane	50	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroform	7	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.9	
Chloromethane	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	2.7		2.7		2.9	
cis-1,2-Dichloroethene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	0.4 ⁽²⁾	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cyclohexane	NC	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorobromomethane	NC	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 9
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42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:		TRC-GW-05		TRC-GW-06		TRC-GW-07		TRC-GW-10		TRC-GW-13		TRC-GW-22		LOT01-GW-01		LOT01-GW-02		LOT06-GW-03	
LABORATORY SAMPLE ID:		460-226524-9		460-226524-10		460-226591-1		460-226591-2		460-227322-9		460-228242-9		460-216437-3		460-216437-4		460-216341-3	
DATE SAMPLE COLLECTED:		1/14/2021		1/14/2021		1/15/2021		1/15/2021		1/27/2021		2/15/2021		8/19/2020		8/19/2020		8/18/2020	
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Ethylbenzene	5	1.0	U	1.0	U	1.0	U	73		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylene Dibromide	0.0006	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Isopropylbenzene	5	1.0	U	1.0	U	1.0	U	36		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methyl acetate	NC	5.0	U	5.0	U	5.0	U	130	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	10	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylcyclohexane	NC	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylene Chloride	5	1.0	U	1.0	U	0.82	J	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
m-Xylene & p-Xylene	5 ⁽³⁾	1.0	U	1.0	U	1.0	U	140		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Naphthalene	10	1.0	U	1.0	U	1.0	U	9,300		1.0	U	1.0	U	NA		NA		NA	
n-Butylbenzene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Propylbenzene	5	1.0	U	1.0	U	1.0	U	16	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
o-Xylene	5 ⁽³⁾	1.0	U	1.0	U	1.0	U	68		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
sec-Butylbenzene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
tert-Butylbenzene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5	0.54	J	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.2	
trans-1,2-Dichloroethene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	0.4 ⁽²⁾	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichlorofluoromethane	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vinyl chloride	2	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Xylenes, Total	5	2.0	U	2.0	U	2.0	U	210		2.0	U	2.0	U	2.0	U	2.0	U	2.0	U

Notes
⁽¹⁾ - GA Value for 1,4-dioxane is presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.
⁽²⁾ - 0.4 µg/L applies to the sum of cis- and trans-1,3-dichloropropene.
⁽³⁾ - There is no GA value for total xylenes. The standards for o-xylene, m-xylene, and p-xylene is 5 µg/L.
µg/L - micrograms per liter
NA - Not analyzed
NC - No criterion
Shaded and **bold** results exceed the corresponding Class GA Value.
DUP is a duplicate sample of TRC-BS-01.
TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.
J - Estimated value
U - Non-detect
* - LCS or LCSD is outside acceptance limits.

Table 9
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:		TRC-BS-01		DUP		TRC-BS-02		TRC-BS-03		TRC-BS-04		TRC-WS-01		TRC-WS-02		TRC-WS-03		TRC-WS-04	
LABORATORY SAMPLE ID:		460-248001-1		460-248001-9		460-248001-2		460-248001-3		460-248001-4		460-248001-5		460-248001-6		460-248001-7		460-248001-8	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021	
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
1,1,1-Trichloroethane	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	1	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene	5	2.0	UJ	2.0	U	1.0	UJ	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0	UJ
1,2,4-Trichlorobenzene	5	2.0	U	2.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,4-Trimethylbenzene	5	26		36		1.0	U	18		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromo-3-Chloropropane	0.04	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene	3	1.4	J	2.1		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	0.6	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	1	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3,5-Trimethylbenzene	3	7.0		10		1.0	U	3.8		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene	3	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene	3	2.8		4.2		1.0	U	0.81	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dioxane	0.35 ⁽¹⁾	0.45		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50		0.20	U	0.48	
2-Butanone (MEK)	50	10	U	10	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	50	10	UJ	10	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ
4-Isopropyltoluene	NC	12		18		1.0	U	2.6		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone (MIBK)	NC	10	U	10	U	5.0	U	5.0	U	5.0	UJ	5.0	UJ*	5.0	UJ	5.0	U	5.0	U
Acetone	50	10	U	10	U	6.5		5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	1	13		14		1.0	U	1.2		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform	50	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromomethane	5	2.0	U	2.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon disulfide	60	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon tetrachloride	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	5	6.3		7.6		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobromomethane	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorodibromomethane	50	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroform	7	2.0	U	2.0	U	3.9		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5	2.0	U	0.75	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	0.4 ⁽²⁾	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cyclohexane	NC	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorobromomethane	NC	2.0	U	2.0	U	0.43	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 9
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:		TRC-BS-01	DUP	TRC-BS-02	TRC-BS-03	TRC-BS-04	TRC-WS-01	TRC-WS-02	TRC-WS-03	TRC-WS-04
LABORATORY SAMPLE ID:		460-248001-1	460-248001-9	460-248001-2	460-248001-3	460-248001-4	460-248001-5	460-248001-6	460-248001-7	460-248001-8
DATE SAMPLE COLLECTED:		11/22/2021	11/22/2021	11/22/2021	11/22/2021	11/22/2021	11/22/2021	11/22/2021	11/22/2021	11/22/2021
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)
Ethylbenzene	5	42	59	1.0	U	12	1.0	U	1.0	U
Ethylene Dibromide	0.0006	2.0	U	2.0	U	1.0	U	1.0	U	1.0
Isopropylbenzene	5	11	14	1.0	U	8.6	1.0	U	1.0	U
Methyl acetate	NC	10	U	10	U	5.0	U	5.0	U	5.0
Methyl tert-butyl ether	10	2.0	U	2.0	U	1.0	U	1.0	U	1.0
Methylcyclohexane	NC	2.0	U	2.0	U	1.0	U	1.0	U	1.0
Methylene Chloride	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0
m-Xylene & p-Xylene	5 ⁽³⁾	39	61	1.0	U	7.3	1.0	U	1.0	U
Naphthalene	10	770	920	1.0	U	140	1.0	U	1.3	U
n-Butylbenzene	5	2.8	2.8	1.0	U	1.0	U	1.0	U	1.0
N-Propylbenzene	5	5.7	6.2	1.0	U	4.0	1.0	U	1.0	U
o-Xylene	5 ⁽³⁾	24	34	1.0	U	8.9	1.0	U	1.0	U
sec-Butylbenzene	5	1.5	J	1.7	J	0.97	1.0	U	1.0	U
Styrene	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0
tert-Butylbenzene	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	5	2.0	U	2.0	U	1.0	U	0.41	J	1.0
Toluene	5	16	24	1.0	U	1.4	1.0	U	1.0	U
trans-1,2-Dichloroethene	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0
trans-1,3-Dichloropropene	0.4 ⁽²⁾	2.0	U	2.0	U	1.0	U	1.0	U	1.0
Trichloroethene	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0
Trichlorofluoromethane	5	2.0	U	2.0	U	1.0	U	1.0	U	1.0
Vinyl chloride	2	2.0	U	2.0	U	1.0	U	1.0	U	1.0
Xylenes, Total	5	63	96	2.0	U	16	2.0	U	2.0	U

Notes

⁽¹⁾ - GA Value for 1,4-dioxane is presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.

⁽²⁾ - 0.4 µg/L applies to the sum of cis- and trans-1,3-dichloropropene.

⁽³⁾ - There is no GA value for total xylenes. The standards for o-xylene, m-xylene, and p-xylene is 5 µg/L.

µg/L - micrograms per liter

NA - Not analyzed

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

J - Estimated value

U - Non-detect

* - LCS or LCSD is outside acceptance limits.

Table 9
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:		TRC-MW-23		TRC-MW-25		TRC-MW-28		TRC-MW-29		TRC-MW-30D		TRC-MW-30S		TRC-MW-31D		TRC-MW-32D		TRC-GW-DUP-01	
LABORATORY SAMPLE ID:		460-248765-1		460-248765-2		460-248765-8		460-248765-3		460-255103-2		460-255103-1		460-253220-1		460-253220-2		460-248765-7	
DATE SAMPLE COLLECTED:		12/7/2021		12/7/2021		12/7/2021		12/7/2021		3/25/2022		3/25/2022		2/24/2022		2/24/2022		12/7/2021	
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
1,1,1-Trichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	12		1.0	U	2.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.3		1.0	U	2.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
1,2,4-Trichlorobenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0		1.0	U	2.0	U	1.0	U	1.0	U
1,2,4-Trimethylbenzene	5	6.6		1.0	U	1.0	U	1.0	U	380		13		0.94	J	1.0	U	1.0	U
1,2-Dibromo-3-Chloropropane	0.04	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene	3	2.5		1.0	U	1.0	U	1.0	U	7.6		0.35	J	1.0	J	1.0	U	1.0	U
1,2-Dichloroethane	0.6	1.0	U	1.0	U	1.0	U	1.0	U	NA		0.56	J*	2.0	U	1.0	U	1.0	U
1,2-Dichloropropane	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
1,3,5-Trimethylbenzene	3	2.2		1.0	U	1.0	U	1.0	U	130		4.5		1.4	J	1.0	U	1.0	U
1,3-Dichlorobenzene	3	2.6		1.0	U	1.0	U	1.0	U	4.7		1.0	U	2.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene	3	8.6		1.0	U	1.0	U	1.0	U	25		0.99	J	1.9	J	1.0	U	1.0	U
1,4-Dioxane	0.35 ⁽¹⁾	0.23		0.20	U	NA		0.20	U	3.3		0.20	U	NA		NA		0.20	U
2-Butanone (MEK)	50	5.0	U	5.0	U	5.0	U	5.0	U	97		5.0	U	10	U	5.0	U	5.0	U
2-Hexanone	50	5.0	U	5.0	U	5.0	U	5.0	U	6.2		5.0	U	10	U	5.0	U	5.0	U
4-Isopropyltoluene	NC	1.0	U	1.0	U	1.0	U	1.0	U	77		4.7		2.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone (MIBK)	NC	5.0	U	5.0	U	5.0	U	5.0	U	7.3		5.0	U	10	U	5.0	U	5.0	U
Acetone	50	5.0	U	5.0	U	12		5.0	U	520		5.0	U	10	U	5.0	U	5.0	U
Benzene	1	21		1.0	U	1.0	U	1.0	U	NA		5.5		3.2		1.0	U	1.0	U
Bromoform	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Bromomethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Carbon disulfide	60	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Carbon tetrachloride	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Chlorobenzene	5	120		1.0	U	1.0	U	1.0	U	190		3.1		2.0	U	1.0	U	1.0	U
Chlorobromomethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Chlorodibromomethane	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Chloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Chloroform	7	1.0	U	1.0	U	0.48	J	0.97	J	1.0	U	1.0	U	0.72	J	0.39	J	1.5	
Chloromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	14		1.0	U	0.46	J	1.0	U	1.0	U
cis-1,3-Dichloropropene	0.4 ⁽²⁾	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Cyclohexane	NC	1.0	U	1.0	U	1.0	U	1.0	U	0.32	J	1.0	U	2.0	U	1.0	U	1.0	U
Dichlorobromomethane	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U

Table 9
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:		TRC-MW-23		TRC-MW-25		TRC-MW-28		TRC-MW-29		TRC-MW-30D		TRC-MW-30S		TRC-MW-31D		TRC-MW-32D		TRC-GW-DUP-01	
LABORATORY SAMPLE ID:		460-248765-1		460-248765-2		460-248765-8		460-248765-3		460-255103-2		460-255103-1		460-253220-1		460-253220-2		460-248765-7	
DATE SAMPLE COLLECTED:		12/7/2021		12/7/2021		12/7/2021		12/7/2021		3/25/2022		3/25/2022		2/24/2022		2/24/2022		12/7/2021	
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
Ethylbenzene	5	1.8		1.0	U	0.31	J	1.0	U	480		9.6		2.0	U	1.0	U	1.0	U
Ethylene Dibromide	0.0006	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Isopropylbenzene	5	2.6		1.0	U	1.0	U	1.0	U	40		1.1		2.0	U	1.0	U	1.0	U
Methyl acetate	NC	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	10	U	5.0	U	5.0	U
Methyl tert-butyl ether	10	1.0	U	1.0	U	1.0	U	1.0	U	2.3		1.0	U	2.0	U	1.0	U	1.0	U
Methylcyclohexane	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Methylene Chloride	5	1.0	U	1.0	U	1.0	U	1.0	U	300		0.62	J	2.0	U	1.0	U	1.0	U
m-Xylene & p-Xylene	5 ⁽³⁾	11		1.0	U	0.64	J	1.0	U	NA		24		0.93	J	1.0	U	1.0	U
Naphthalene	10	110	J	1.0	U	5.9		1.0	U	NA		NR		650		1.0	U	1.0	U
n-Butylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	2.1		1.0	U	2.0	U	1.0	U	1.0	U
N-Propylbenzene	5	0.79	J	1.0	U	1.0	U	1.0	U	14		0.49	J	2.0	U	1.0	U	1.0	U
o-Xylene	5 ⁽³⁾	2.3		1.0	U	0.40	J	1.0	U	490		9.2		2.9		1.0	U	1.0	U
sec-Butylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.7		1.0	U	2.0	U	1.0	U	1.0	U
Styrene	5	1.0	U	1.0	U	1.0	U	1.0	U	190		3.0		2.0	U	1.0	U	1.0	U
tert-Butylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Tetrachloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.60	J	1.0	U	2.0	U	0.77	J	1.0	U
Toluene	5	0.65	J	1.0	U	1.0	U	1.0	U	NA		19		2.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.36	J	1.0	U	2.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	0.4 ⁽²⁾	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Trichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	2.0		1.0	U	2.0	U	1.0	U	1.0	U
Trichlorofluoromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U	1.0	U	1.0	U
Vinyl chloride	2	0.46	J	1.0	U	1.0	U	1.0	U	11		1.0	U	2.0	U	1.0	U	1.0	U
Xylenes, Total	5	13		2.0	U	1.0	J	2.0	U	NA		33		3.8	J	2.0	U	2.0	U

Notes
(1) - GA Value for 1,4-dioxane is presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.
(2) - 0.4 µg/L applies to the sum of cis- and trans-1,3-dichloropropene.
(3) - There is no GA value for total xylenes. The standards for o-xylene, m-xylene, and p-xylene is 5 µg/L.
µg/L - micrograms per liter
NA - Not analyzed
NC - No criterion
Shaded and **bold** results exceed the corresponding Class GA Value.
DUP is a duplicate sample of TRC-B5-01.
TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.
J - Estimated value
U - Non-detect
* - LCS or LCSD is outside acceptance limits.

Table 9
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:		RMW-3		Equipment Blank		TRC-EB-11292021		TRC-EB-11302021		TRC-EB-12032021		TRC-EB-12072021	
LABORATORY SAMPLE ID:		460-248765-4		460-248001-10		460-248094-12		460-248135-1		460-248403-15		460-248765-5	
DATE SAMPLE COLLECTED:		12/7/2021		11/22/2021		11/29/2021		11/30/2021		12/3/2021		12/7/2021	
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
1,1,1-Trichloroethane	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	1	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene	5	2.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U
1,2,4-Trichlorobenzene	5	2.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U
1,2,4-Trimethylbenzene	5	29		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromo-3-Chloropropane	0.04	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene	3	1.9	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	0.6	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	1	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3,5-Trimethylbenzene	3	8.3		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene	3	0.73	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene	3	3.4		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dioxane	0.35 ⁽¹⁾	5.0		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
2-Butanone (MEK)	50	10	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	50	10	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U
4-Isopropyltoluene	NC	1.1	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone (MIBK)	NC	10	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	50	10	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	1	260		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform	50	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromomethane	5	2.0	U	1.0	U	1.0	UJ	1.0	UJ	1.0	U	1.0	U
Carbon disulfide	60	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon tetrachloride	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	5	57		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobromomethane	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorodibromomethane	50	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroform	7	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	0.4 ⁽²⁾	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cyclohexane	NC	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorobromomethane	NC	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	5	2.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 9
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

SAMPLE ID:		RMW-3		Equipment Blank		TRC-EB-11292021		TRC-EB-11302021		TRC-EB-12032021		TRC-EB-12072021	
LABORATORY SAMPLE ID:		460-248765-4		460-248001-10		460-248094-12		460-248135-1		460-248403-15		460-248765-5	
DATE SAMPLE COLLECTED:		12/7/2021		11/22/2021		11/29/2021		11/30/2021		12/3/2021		12/7/2021	
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
Ethylbenzene	5	63		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylene Dibromide	0.0006	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Isopropylbenzene	5	6.5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methyl acetate	NC	10	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	10	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylcyclohexane	NC	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylene Chloride	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
m-Xylene & p-Xylene	5 ⁽³⁾	66		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Naphthalene	10	580		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
n-Butylbenzene	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Propylbenzene	5	2.2		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
o-Xylene	5 ⁽³⁾	39		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
sec-Butylbenzene	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
tert-Butylbenzene	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	5	7.7		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	0.4 ⁽²⁾	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichlorofluoromethane	5	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vinyl chloride	2	2.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Xylenes, Total	5	110		2.0	U	2.0	U	2.0	U	2.0	U	2.0	U

Notes
⁽¹⁾ - GA Value for 1,4-dioxane is presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.
⁽²⁾ - 0.4 µg/L applies to the sum of cis- and trans-1,3-dichloropropene.
⁽³⁾ - There is no GA value for total xylenes. The standards for o-xylene, m-xylene, and p-xylene is 5 µg/L.
µg/L - micrograms per liter
NA - Not analyzed
NC - No criterion
Shaded and **bold** results exceed the corresponding Class GA Value.
DUP is a duplicate sample of TRC-BS-01.
TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.
J - Estimated value
U - Non-detect
* - LCS or LCSD is outside acceptance limits.

Table 10
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:		TRC-GW-05		TRC-GW-06		TRC-GW-07		TRC-GW-10		TRC-GW-13		TRC-GW-22		LOT01-GW-01		LOT01-GW-02		LOT06-GW-03	
LABORATORY SAMPLE ID:		460-226524-9		460-226524-10		460-226591-1		460-226591-2		460-227322-9		460-228242-9		460-216437-3		460-216437-4		460-216341-3	
DATE SAMPLE COLLECTED:		1/14/2021		1/14/2021		1/15/2021		1/15/2021		1/27/2021		2/15/2021		8/19/2020		8/19/2020		8/18/2020	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
1,1'-Biphenyl	5	10	U	10	U	10	U	790		10	U	10	U	10	U	10	U	10	U
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis[1-chloropropane]	5	10	U	10	U	10	U	250	UJ	10	U	10	U	10	U	10	U	10	U
2,3,4,6-Tetrachlorophenol	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	5	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	50	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	10	30	U	30	U	30	U	750	U	30	U	30	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	2.0	U	2.0	U	2.0	U	50	UJ	2.0	U	2.0	U	2.0	U	2.0	U	2.0	UJ
2,6-Dinitrotoluene	5	2.0	U	2.0	U	2.0	U	50	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	UJ
2-Chloronaphthalene	10	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	NC	10	U	10	U	10	U	4,500		10	U	10	U	10	U	10	U	10	U
2-Methylphenol	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	5	20	U	20	U	20	U	500	U	20	U	20	U	10	U	10	U	10	U
2-Nitrophenol	NC	10	U	10	U	10	U	250	UJ	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	20	U	20	U	20	U	500	U	20	U	20	U	10	U	10	U	10	U
3-Nitroaniline	5	20	U	20	U	20	U	500	U	20	U	20	U	10	U	10	U	10	U
4,6-Dinitro-2-methylphenol	NC	30	U	30	U	30	U	750	UJ	30	U	30	U	20	U	20	U	20	UJ
4-Bromophenyl phenyl ether	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	5	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	10	U	10	U	10	U
4-Chlorophenyl phenyl ether	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	5	20	U	20	U	20	U	500	U	20	U	20	U	10	U	10	U	10	U
4-Nitrophenol	NC	30	U	30	U	30	U	750	U	30	U	30	U	20	U	20	U	20	UJ
Acenaphthene	20	10	U	10	U	10	U	860		10	U	10	U	10	U	7.1	J	10	U
Acenaphthylene	NC	10	U	10	U	10	U	26	J	10	U	10	U	10	U	10	U	10	U
Acetophenone	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Anthracene	50	10	U	10	U	10	U	81	J	10	U	10	U	10	U	10	U	10	U
Atrazine	7.5	10	U	10	U	10	U	250	UJ	10	U	10	U	2.0	U	2.0	U	2.0	U
Benzaldehyde	NC	10	UJ	10	UJ	10	UJ	250	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Benzo[a]anthracene	0.002	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzo[a]pyrene	ND ⁽¹⁾	1.0	U	1.0	U	1.0	U	25	U	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U
Benzo[b]fluoranthene	0.002	2.0	U	2.0	U	2.0	U	50	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Benzo[g,h,i]perylene	NC	10	UJ	10	UJ	10	UJ	250	U	10	UJ	10	U	10	U	10	U	10	U
Benzo[k]fluoranthene	0.002	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bis(2-chloroethoxy)methane	5	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Bis(2-chloroethyl)ether	1	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 10
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:		TRC-GW-05		TRC-GW-06		TRC-GW-07		TRC-GW-10		TRC-GW-13		TRC-GW-22		LOT01-GW-01		LOT01-GW-02		LOT06-GW-03	
LABORATORY SAMPLE ID:		460-226524-9		460-226524-10		460-226591-1		460-226591-2		460-227322-9		460-228242-9		460-216437-3		460-216437-4		460-216341-3	
DATE SAMPLE COLLECTED:		1/14/2021		1/14/2021		1/15/2021		1/15/2021		1/27/2021		2/15/2021		8/19/2020		8/19/2020		8/18/2020	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Bis(2-ethylhexyl) phthalate	5	10	U	10	U	10	U	250	U	10	U	10	U	2.0	U	2.0	U	2.0	U
Butyl benzyl phthalate	50	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	NC	10	UJ	10	UJ	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Carbazole	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Chrysene	0.002	10	U	10	U	10	U	250	U	10	U	10	U	2.0	U	2.0	U	2.0	U
Dibenz(a,h)anthracene	NC	1.0	UJ	1.0	UJ	1.0	UJ	25	U	1.0	UJ	1.0	UJ	1.0	U	1.0	U	1.0	U
Dibenzofuran	NC	10	U	10	U	10	U	800		10	U	10	U	10	U	10	U	10	U
Diethyl phthalate	50	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Dimethyl phthalate	50	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Di-n-butyl phthalate	50	10	U	10	U	1.9	J	250	U	10	U	10	U	10	U	10	U	10	U
Di-n-octyl phthalate	NC	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	50	10	U	10	U	10	U	57	J	10	U	10	U	10	U	10	U	10	U
Fluorene	50	10	U	10	U	10	U	480		10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	0.04	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Hexachlorobutadiene	0.5	2.0	U	2.0	U	2.0	U	50	UJ	2.0	U	2.0	U	1.0	U	1.0	U	1.0	U
Hexachlorocyclopentadiene	5	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	5	2.0	U	2.0	U	2.0	U	50	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Indeno[1,2,3-cd]pyrene	0.002	2.0	UJ	2.0	UJ	2.0	UJ	50	U	2.0	UJ	2.0	UJ	2.0	U	2.0	U	2.0	U
Isophorone	50	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	2.0	U	2.0	U	2.0	U	4,600		2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Nitrobenzene	0.4	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodi-n-propylamine	NC	1.0	U	1.0	U	1.0	U	25	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodiphenylamine	50	10	U	10	U	10	U	250	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	1	30	U	30	U	30	U	750	U	30	U	30	U	20	U	20	U	20	U
Phenanthrene	50	10	U	10	U	10	U	350		10	U	10	U	10	U	10	U	10	U
Phenol	1	10	U	10	U	2.2	J	250	U	10	U	10	U	10	U	10	U	10	U
Pyrene	50	10	U	10	U	10	U	43	J	10	U	10	U	10	U	10	U	10	U

Notes
(¹) - Benzo(a)pyrene exceedance is any concentration above the detection limit
µg/L - micrograms per liter
NC - No criterion
Shaded and **bold** results exceed the corresponding Class GA Value.
DUP is a duplicate sample of TRC-BS-01.
TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.
J - Estimated value
U - Non-detect
* - LCS or LCSD is outside acceptance limits.
R -The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 10
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:		TRC-BS-01		DUP		TRC-BS-02		TRC-BS-03		TRC-BS-04		TRC-WS-01		TRC-WS-02		TRC-WS-03		TRC-WS-04	
LABORATORY SAMPLE ID:		460-248001-1		460-248001-9		460-248001-2		460-248001-3		460-248001-4		460-248001-5		460-248001-6		460-248001-7		460-248001-8	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
1,1'-Biphenyl	5	10	U	10	U	10	U	10	U	10	U	10	U	3.6	J	10	U	10	U
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis[1-chloropropane]	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,3,4,6-Tetrachlorophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	50	16		25		10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
2,6-Dinitrotoluene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
2-Chloronaphthalene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	NC	10	U	10	U	10	U	10	U	10	U	10	U	8.9	J	10	U	10	U
2-Methylphenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-methylphenol	NC	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
4-Bromophenyl phenyl ether	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl phenyl ether	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitrophenol	NC	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Acenaphthene	20	110		140		10	U	10	U	10	U	10	U	6.6	J	10	U	10	U
Acenaphthylene	NC	17		13		10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Anthracene	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	7.5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Benzaldehyde	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo[a]anthracene	0.002	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.72	J	1.0	U	1.0	U
Benzo[a]pyrene	ND ⁽¹⁾	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.83	J	1.0	U	1.0	U
Benzo[b]fluoranthene	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	1.2	J	2.0	U	2.0	U
Benzo[g,h,i]perylene	NC	10	U	10	U	10	U	10	U	10	U	10	U	0.80	J	10	U	10	U
Benzo[k]fluoranthene	0.002	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bis(2-chloroethoxy)methane	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-chloroethyl)ether	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 10
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:		TRC-BS-01		DUP		TRC-BS-02		TRC-BS-03		TRC-BS-04		TRC-WS-01		TRC-WS-02		TRC-WS-03		TRC-WS-04	
LABORATORY SAMPLE ID:		460-248001-1		460-248001-9		460-248001-2		460-248001-3		460-248001-4		460-248001-5		460-248001-6		460-248001-7		460-248001-8	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
Bis(2-ethylhexyl) phthalate	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	5.1		2.0	U	2.0	U
Butyl benzyl phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbazole	NC	1.7	J	1.9	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Dibenz(a,h)anthracene	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibenzofuran	NC	33		44		10	U	10	U	10	U	10	U	8.2	J	10	U	10	U
Diethyl phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dimethyl phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-butyl phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U	1.6	J	10	U	10	U
Di-n-octyl phthalate	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	50	1.0	J	1.3	J	10	U	10	U	10	U	10	U	1.3	J	10	U	10	U
Fluorene	50	27		37		10	U	10	U	10	U	10	U	6.5	J	10	U	10	U
Hexachlorobenzene	0.04	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Hexachlorobutadiene	0.5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Hexachlorocyclopentadiene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Indeno[1,2,3-cd]pyrene	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Isophorone	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	0.76	J	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	7.1		2.0	U	2.0	U
Nitrobenzene	0.4	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodi-n-propylamine	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodiphenylamine	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	1	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Phenanthrene	50	10	U	10	U	10	U	10	U	10	U	10	U	3.3	J	10	U	10	U
Phenol	1	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	50	10	U	10	U	10	U	10	U	10	U	10	U	1.8	J	10	U	10	U

Notes
(1) - Benzo(a)pyrene exceedance is any concentration above the detection limit
µg/L - micrograms per liter
NC - No criterion
Shaded and **bold** results exceed the corresponding Class GA Value.
DUP is a duplicate sample of TRC-BS-01.
TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.
J - Estimated value
U - Non-detect
* - LCS or LCSD is outside acceptance limits.
R -The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 10
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:		TRC-MW-23		TRC-MW-25		TRC-MW-29		TRC-MW-30D		TRC-MW-30S		TRC-MW-31D		TRC-MW-32D		TRC-GW-DUP-01		RMW-3	
LABORATORY SAMPLE ID:		460-248765-1		460-248765-2		460-248765-3		460-255103-2		460-255103-1		460-253220-1		460-253220-2		460-248765-7		460-248765-4	
DATE SAMPLE COLLECTED:		12/7/2021		12/7/2021		12/7/2021		3/25/2022		3/25/2022		2/24/2022		2/24/2022		12/7/2021		12/7/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
1,1'-Biphenyl	5	10	U	10	U	10	U	160		4.6	J	18		10	U	10	U	10	U
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis[1-chloropropane]	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,3,4,6-Tetrachlorophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	50	2.6	J	10	U	10	U	NA		1.4	J	4.4	J	10	U	10	U	4.7	J
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
2,6-Dinitrotoluene	5	2.0	U	2.0	U	2.0	U	2.0	U*	2.0	U*	2.0	U	2.0	U	2.0	U	2.0	U
2-Chloronaphthalene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	0.53	J
2-Methylnaphthalene	NC	27	J	10	U	10	U	NA		38		10	U	10	U	10	U	10	U
2-Methylphenol	NC	10	U	10	U	10	U	NA		10	U	0.95	J	10	U	10	U	10	U
2-Nitroaniline	5	10	UJ	10	U	10	U	10	U*	10	U*	10	U	10	U	10	U	10	U
2-Nitrophenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	10	R	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-methylphenol	NC	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
4-Bromophenyl phenyl ether	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl phenyl ether	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	NC	10	U	10	U	10	U	NA		10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	5	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitrophenol	NC	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Acenaphthene	20	16	J	10	U	10	U	160		4.0	J	35		3.0	J	10	U	5.6	J
Acenaphthylene	NC	10	U	10	U	10	U	4.4	J	10	U	2.2	J	10	U	10	U	10	U
Acetophenone	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Anthracene	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	7.5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Benzaldehyde	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo[a]anthracene	0.002	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzo[a]pyrene	ND ⁽¹⁾	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzo[b]fluoranthene	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Benzo[g,h,i]perylene	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo[k]fluoranthene	0.002	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bis(2-chloroethoxy)methane	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-chloroethyl)ether	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 10
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:		TRC-MW-23		TRC-MW-25		TRC-MW-29		TRC-MW-30D		TRC-MW-30S		TRC-MW-31D		TRC-MW-32D		TRC-GW-DUP-01		RMW-3	
LABORATORY SAMPLE ID:		460-248765-1		460-248765-2		460-248765-3		460-255103-2		460-255103-1		460-253220-1		460-253220-2		460-248765-7		460-248765-4	
DATE SAMPLE COLLECTED:		12/7/2021		12/7/2021		12/7/2021		3/25/2022		3/25/2022		2/24/2022		2/24/2022		12/7/2021		12/7/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
Bis(2-ethylhexyl) phthalate	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Butyl benzyl phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbazole	NC	10	U	10	U	10	U	5.5	J	10	U	1.5	J	1.5	J	10	U	10	U
Chrysene	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Dibenz(a,h)anthracene	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibenzofuran	NC	2.1	J	10	U	10	U	100		2.7	J	26		1.6	J	10	U	1.1	J
Diethyl phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dimethyl phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-butyl phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octyl phthalate	NC	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	50	10	U	10	U	10	U	31		10	U	17		3.1	J	10	U	10	U
Hexachlorobenzene	0.04	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Hexachlorobutadiene	0.5	1.0	U	1.0	UJ	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0	U
Hexachlorocyclopentadiene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Indeno[1,2,3-cd]pyrene	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Isophorone	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	69	J	2.0	U	2.0	U	NA		64		2.0	U	1.4	J	2.0	U	2.0	U
Nitrobenzene	0.4	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodi-n-propylamine	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodiphenylamine	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	1	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Phenanthrene	50	10	U	10	U	10	U	3.3	J	10	U	2.9	J	10	U	10	U	10	U
Phenol	1	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U

Notes
(1) - Benzo(a)pyrene exceedance is any concentration above the detection limit
µg/L - micrograms per liter
NC - No criterion
Shaded and **bold** results exceed the corresponding Class GA Value.
DUP is a duplicate sample of TRC-BS-01.
TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.
J - Estimated value
U - Non-detect
* - LCS or LCSD is outside acceptance limits.
R -The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 10
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Groundwater Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:		Equipment Blank		TRC-EB-11292021		TRC-EB-11302021		TRC-EB-12032021		TRC-EB-12072021	
LABORATORY SAMPLE ID:		460-248001-10		460-248094-12		460-248135-1		460-248403-15		460-248765-5	
DATE SAMPLE COLLECTED:		11/22/2021		11/29/2021		11/30/2021		12/3/2021		12/7/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
1,1'-Biphenyl	5	10	U	10	U	10	U	10	U	10	U
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis[1-chloropropane]	5	10	U	10	U	10	U	10	U	10	U
2,3,4,6-Tetrachlorophenol	NC	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	NC	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	NC	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	5	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	50	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
2,6-Dinitrotoluene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
2-Chloronaphthalene	10	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	NC	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	NC	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	NC	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol	NC	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-methylphenol	NC	20	U	20	U	20	U	20	U	20	U
4-Bromophenyl phenyl ether	NC	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	NC	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	5	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl phenyl ether	NC	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	NC	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U
4-Nitrophenol	NC	20	U	20	U	20	U	20	U	20	U
Acenaphthene	20	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	NC	10	U	10	U	10	U	10	U	10	U
Acetophenone	NC	10	U	10	U	10	U	10	U	10	U
Anthracene	50	10	U	10	U	10	U	10	U	10	U
Atrazine	7.5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Benzaldehyde	NC	10	U	10	U	10	U	10	U	10	U
Benzo[a]anthracene	0.002	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzo[a]pyrene	ND ⁽¹⁾	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzo[b]fluoranthene	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Benzo[g,h,i]perylene	NC	10	U	10	U	10	U	10	U	10	U
Benzo[k]fluoranthene	0.002	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bis(2-chloroethoxy)methane	5	10	U	10	U	10	U	10	U	10	U
Bis(2-chloroethyl)ether	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 10
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Semivolatile Organic Compounds

SAMPLE ID:		Equipment Blank		TRC-EB-11292021		TRC-EB-11302021		TRC-EB-12032021		TRC-EB-12072021	
LABORATORY SAMPLE ID:		460-248001-10		460-248094-12		460-248135-1		460-248403-15		460-248765-5	
DATE SAMPLE COLLECTED:		11/22/2021		11/29/2021		11/30/2021		12/3/2021		12/7/2021	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
Bis(2-ethylhexyl) phthalate	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Butyl benzyl phthalate	50	10	U	10	U	10	U	10	U	10	U
Caprolactam	NC	10	U	10	U	10	U	10	U	10	U
Carbazole	NC	10	U	10	U	10	U	10	U	10	U
Chrysene	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Dibenz(a,h)anthracene	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibenzofuran	NC	10	U	10	U	10	U	10	U	10	U
Diethyl phthalate	50	10	U	10	U	10	U	10	U	10	U
Dimethyl phthalate	50	10	U	10	U	10	U	10	U	10	U
Di-n-butyl phthalate	50	10	U	10	U	10	U	10	U	10	U
Di-n-octyl phthalate	NC	10	U	10	U	10	U	10	U	10	U
Fluoranthene	50	10	U	10	U	10	U	10	U	10	U
Fluorene	50	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	0.04	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Hexachlorobutadiene	0.5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ
Hexachlorocyclopentadiene	5	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Indeno[1,2,3-cd]pyrene	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Isophorone	50	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Nitrobenzene	0.4	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodi-n-propylamine	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodiphenylamine	50	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	1	20	U	20	U	20	U	20	U	20	U
Phenanthrene	50	10	U	10	U	10	U	10	U	10	U
Phenol	1	10	U	10	U	10	U	10	U	10	U
Pyrene	50	10	U	10	U	10	U	10	U	10	U

Notes

⁽¹⁾ - Benzo(a)pyrene exceedance is any concentration above the detection limit
µg/L - micrograms per liter
NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

J - Estimated value

U - Non-detect

* - LCS or LCSD is outside acceptance limits.

R -The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Table 11
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Metals

SAMPLE ID:		TRC-GW-05		TRC-GW-06		TRC-GW-07		TRC-GW-10		TRC-GW-13		TRC-GW-22		LOT01-GW-01	
LABORATORY SAMPLE ID:		460-226524-9		460-226524-10		460-226591-1		460-226591-2		460-227322-9		460-228242-9		460-216437-3	
DATE SAMPLE COLLECTED:		1/14/2021		1/14/2021		1/15/2021		1/15/2021		1/27/2021		2/15/2021		8/19/2020	
METALS (DISSOLVED) (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Aluminum, Dissolved	NC	1,990		2,190		1,780		5,630		40.0	U	40.0	U	25.5	J
Antimony, Dissolved	3	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic, Dissolved	25	2.0	U	2.0	U	2.0	U	13.1		2.0	U	2.0	U	2.0	U
Barium, Dissolved	1,000	78.8		67.7		65.4		98.4		178		75.0		27.7	
Beryllium, Dissolved	3	0.14	J	0.20	J	0.80	U	0.36	J	0.80	U	0.80	U	0.30	J
Cadmium, Dissolved	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Calcium, Dissolved	NC	68,600		25,400		164,000		62,200		142,000	J	102,000		496,000	
Chromium, Dissolved	50	6.6		5.8		6.1		13.6		4.0	U	4.0	U	4.0	U
Cobalt, Dissolved	NC	2.9	J	5.3		2.5	J	42.1		5.3		7.6		0.33	J
Copper, Dissolved	200	5.4		6.9		6.9		20.0		4.0	U	4.0		4.0	U
Iron, Dissolved	300	2,630		2,990		2,890		7,620		1,180		120	U	23.0	J
Lead, Dissolved	25	3.9		3.7		2.9		87.8		1.2	U	1.2	U	0.19	J
Magnesium, Dissolved	35,000	10,000		7,480		47,400		4,060		10,200		11,800		8,770	
Manganese, Dissolved	300	307		475		200		307		2,550		152		57.5	
Mercury, Dissolved	0.7	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel, Dissolved	100	4.3		6.9		7.0		16.5		4.5		7.5		2.7	J
Potassium, Dissolved	NC	10,600		1,550		8,340		9,760		10,500		8,230		188,000	
Selenium, Dissolved	10	1.7	J	3.2		19.1		0.67	J	1.5	J	3.7		0.46	J
Silver, Dissolved	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Sodium, Dissolved	20,000	50,300		144,000		124,000		35,600		156,000		113,000		265,000	
Thallium, Dissolved	0.5	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Vanadium, Dissolved	NC	5.6		5.9		5.5		38.0		4.0	U	4.0	U	4.0	U
Zinc, Dissolved	2,000	12.3	J	18.5		12.0	J	109		16.0	U	16.0	U	16.0	U

Table 11
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Metals

SAMPLE ID:		TRC-GW-05		TRC-GW-06		TRC-GW-07		TRC-GW-10		TRC-GW-13		TRC-GW-22		LOT01-GW-01	
LABORATORY SAMPLE ID:		460-226524-9		460-226524-10		460-226591-1		460-226591-2		460-227322-9		460-228242-9		460-216437-3	
DATE SAMPLE COLLECTED:		1/14/2021		1/14/2021		1/15/2021		1/15/2021		1/27/2021		2/15/2021		8/19/2020	
METALS (TOTAL) (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Aluminum, Total	NC	40.0	U	8,770		2,510		11,300		689,000		317		726	
Antimony, Total	3	2.0	U	2.0	U	2.0	U	2.4		10.0	U	2.0	U	2.0	U
Arsenic, Total	25	2.0	U	3.8		2.0	U	21.6		86.5		2.0	U	2.0	U
Barium, Total	1,000	65.5		304		79.6		149		6,970		85.4		31.7	
Beryllium, Total	3	0.80	U	0.57	J	0.13	J	0.62	J	32.7		0.80	U	0.80	U
Cadmium, Total	5	2.0	U	1.1	J	2.0	U	0.49	J	8.1	J	2.0	U	2.0	U
Calcium, Total	NC	78,900		118,000		185,000		63,000		360,000		94,400		463,000	
Chromium, Total	50	3.1	J	35.5		10.5		30.9		1,130		4.0	U	1.8	J
Cobalt, Total	NC	4.0	U	10.5		2.1	J	46.8		478		8.0		0.62	J
Copper, Total	200	4.0	U	126		10.4		64.9		1,460		9.6		2.9	J
Cyanide, Total	400	NA		NA		NA		NA		NA		NA		NA	
Iron, Total	300	120	U	6,950		4,200		17,800		954,000		505		640	
Lead, Total	25	1.2		1,550		15.4		132		1,360		1.7		7.2	
Magnesium, Total	35,000	11,000		11,800		54,200		5,550		183,000		11,200		8,550	
Manganese, Total	300	107		894		85.7		386		14,500		406		66.0	
Mercury, Total	0.7	0.20	U	1.3		59.8		0.71		2.8		0.20	U	0.20	U
Nickel, Total	100	4.0	U	15.4		11.2		29.8		1,120		10.8		4.0	
Potassium, Total	NC	12,500		3,420		9,250		11,300		93,300		7,720		169,000	
Selenium, Total	10	2.4	J	3.7		23.0		3.9		10.6	J	3.1		2.5	U
Silver, Total	50	2.0	U	2.0	U	2.0	U	2.0	U	4.6	J	2.0	U	2.0	U
Sodium, Total	20,000	57,300		124,000		139,000		34,200		121,000		112,000		240,000	
Thallium, Total	0.5	0.80	U	0.80	U	0.80	U	0.31	J	11.0		0.80	U	0.80	U
Vanadium, Total	NC	4.0	U	29.6		6.0		52.1		1,180		1.1	J	2.9	J
Zinc, Total	2,000	16.0	U	386		25.8		150		2,900		18.2		13.6	J

Notes

µg/L - micrograms per liter

NA - Not analyzed

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

J - Estimated value

U - Non-detect

Table 11
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Metals

SAMPLE ID:		LOT01-GW-02		LOT06-GW-03		TRC-BS-01		DUP		TRC-BS-02		TRC-BS-03		TRC-BS-04	
LABORATORY SAMPLE ID:		460-216437-4		460-216341-3		460-248001-1		460-248001-9		460-248001-2		460-248001-3		460-248001-4	
DATE SAMPLE COLLECTED:		8/19/2020		8/18/2020		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021	
METALS (DISSOLVED) (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Aluminum, Dissolved	NC	8.2	J	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U
Antimony, Dissolved	3	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic, Dissolved	25	1.9	J	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Barium, Dissolved	1,000	76.6		81.9		87.6		89.1		39.1		56.1		62.9	
Beryllium, Dissolved	3	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Cadmium, Dissolved	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Calcium, Dissolved	NC	112,000		68,200		86,500		87,300		51,700		55,900		70,100	
Chromium, Dissolved	50	4.0	U	1.1	J	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Cobalt, Dissolved	NC	0.33	J	0.74	J	4.0	U	4.0	U	4.0	U	4.0	U	0.86	J
Copper, Dissolved	200	4.0	U	4.0	U	4.0	U	4.0	U	3.3	J	4.0	U	4.0	U
Iron, Dissolved	300	1,350		120	U	87.1	J	172		120	U	118	J	120	U
Lead, Dissolved	25	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Magnesium, Dissolved	35,000	27,000		13,200		12,400		12,200		4,470		14,800		15,700	
Manganese, Dissolved	300	734		80.3		905		852		45.7		2,060		3,510	
Mercury, Dissolved	0.7	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel, Dissolved	100	9.8		4.0	U	5.8		5.9		2.6	J	3.4	J	3.4	J
Potassium, Dissolved	NC	12,700		12,900		10,700		11,100		5,920		9,400		5,860	
Selenium, Dissolved	10	2.5	U	2.1	J	2.5	U	2.5	U	0.79	J	2.5	U	2.5	U
Silver, Dissolved	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Sodium, Dissolved	20,000	91,200		28,200		113,000		126,000		27,100		70,200		74,100	
Thallium, Dissolved	0.5	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Vanadium, Dissolved	NC	41.4		4.0	U	4.0	U	4.0	U	0.77	J	4.0	U	0.85	J
Zinc, Dissolved	2,000	16.0	U	16.0	U	7.1	J	16.0	U	16.0	U	16.0	U	17.2	

Table 11
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Metals

SAMPLE ID:		LOT01-GW-02		LOT06-GW-03		TRC-BS-01		DUP		TRC-BS-02		TRC-BS-03		TRC-BS-04	
LABORATORY SAMPLE ID:		460-216437-4		460-216341-3		460-248001-1		460-248001-9		460-248001-2		460-248001-3		460-248001-4	
DATE SAMPLE COLLECTED:		8/19/2020		8/18/2020		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021	
METALS (TOTAL) (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Aluminum, Total	NC	817		2,330		209		51.8		29.4	J	23.0	J	20.5	J
Antimony, Total	3	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic, Total	25	5.6		2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Barium, Total	1,000	91.6		105		108		103		39.0		66.6		69.6	
Beryllium, Total	3	0.80	U	0.12	J	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Cadmium, Total	5	0.16	J	2.0	U	0.57	J	2.0	U	2.0	U	2.0	U	2.0	U
Calcium, Total	NC	110,000		69,700		81,700		93,100		55,600		68,500		74,100	
Chromium, Total	50	7.2		7.1		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Cobalt, Total	NC	1.1	J	3.4	J	4.0	U	0.78	J	0.72	J	4.0	U	0.89	J
Copper, Total	200	14.9		7.3		3.1	J	2.9	J	5.6		4.0	U	4.0	U
Cyanide, Total	400	NA		NA		10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Iron, Total	300	2,570		3,450		1,530		960		191		1,460		1,430	
Lead, Total	25	18.1	B	2.3		23.2		7.2		1.5		1.2	U	6.3	
Magnesium, Total	35,000	25,900		13,600		12,900		13,500		5,100		17,000		17,400	
Manganese, Total	300	751		200		954		947		165		2,380		3,960	
Mercury, Total	0.7	0.38		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel, Total	100	23.3		4.8		6.2		7.1		2.5	J	4.1		3.3	J
Potassium, Total	NC	12,200		12,600		10,200		12,100		6,660		10,700		6,330	
Selenium, Total	10	0.77	J	2.1	J	2.5	U	2.5	U	0.78	J	2.5	U	2.5	U
Silver, Total	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Sodium, Total	20,000	88,900		28,000		111,000		143,000		31,100		77,300		79,500	
Thallium, Total	0.5	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Vanadium, Total	NC	164		5.0		1.7	J	1.1	J	1.6	J	1.6	J	5.6	
Zinc, Total	2,000	28.2		11.9	J	88.1		16.4		13.9	J	16.0	U	27.8	

Notes

µg/L - micrograms per liter

NA - Not analyzed

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

J - Estimated value

U - Non-detect

Table 11
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Metals

SAMPLE ID:		TRC-WS-01		TRC-WS-02		TRC-WS-03		TRC-WS-04		TRC-MW-23		TRC-MW-25		TRC-MW-29	
LABORATORY SAMPLE ID:		460-248001-5		460-248001-6		460-248001-7		460-248001-8		460-248765-1		460-248765-2		460-248765-3	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		12/7/2021		12/7/2021		12/7/2021	
METALS (DISSOLVED) (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Aluminum, Dissolved	NC	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U
Antimony, Dissolved	3	4.7		1.1	J	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic, Dissolved	25	0.96	J	2.0	U	2.0	U	1.4	J	2.3		1.3	J	2.0	U
Barium, Dissolved	1,000	89.8		71.0		74.5		1,000		294		17.9		93.2	
Beryllium, Dissolved	3	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Cadmium, Dissolved	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Calcium, Dissolved	NC	138,000		99,300		545,000		81,100		107,000		28,600		112,000	
Chromium, Dissolved	50	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Cobalt, Dissolved	NC	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Copper, Dissolved	200	10.7		30.0		6.2		4.0	U	6.2		4.0	U	4.0	U
Iron, Dissolved	300	120	U	120	U	120	U	120	U	1,570		120	U	120	U
Lead, Dissolved	25	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Magnesium, Dissolved	35,000	11,600		12,500		10,900		15,700		34,100		1,260		38,000	
Manganese, Dissolved	300	8.0	U	16.6		59.0		512		638		322		30.0	
Mercury, Dissolved	0.7	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel, Dissolved	100	3.8	J	6.0		6.7		15.6		5.3		1.6	J	3.0	J
Potassium, Dissolved	NC	7,630		23,700		158,000		34,200		19,900		9,190		4,830	
Selenium, Dissolved	10	0.79	J	2.5	U	2.5	U	2.5	U	2.5	U	1.0	J	14.2	
Silver, Dissolved	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Sodium, Dissolved	20,000	224,000		86,200		234,000		109,000		144,000		99,700		186,000	
Thallium, Dissolved	0.5	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Vanadium, Dissolved	NC	6.4		1.4	J	1.5	J	4.0	U	1.1	J	4.9		1.3	J
Zinc, Dissolved	2,000	16.0	U	26.6		86.3		75.1		16.0	U	16.0	U	16.0	U

Table 11
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Metals

SAMPLE ID:		TRC-WS-01		TRC-WS-02		TRC-WS-03		TRC-WS-04		TRC-MW-23		TRC-MW-25		TRC-MW-29	
LABORATORY SAMPLE ID:		460-248001-5		460-248001-6		460-248001-7		460-248001-8		460-248765-1		460-248765-2		460-248765-3	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		12/7/2021		12/7/2021		12/7/2021	
METALS (TOTAL) (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Aluminum, Total	NC	110		100		182		28.0	J	85.6		41,900		1,760	
Antimony, Total	3	4.3		1.1	J	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic, Total	25	1.1	J	1.2	J	2.0	U	3.3		2.7		13.2		1.1	J
Barium, Total	1,000	87.4		90.9		72.4		1,090		285		176	J	118	J
Beryllium, Total	3	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	1.6		0.80	U
Cadmium, Total	5	1.4	J	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Calcium, Total	NC	131,000		101,000		541,000		85,800		101,000		29,200		110,000	
Chromium, Total	50	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	66.3		6.2	
Cobalt, Total	NC	4.0	U	0.80	J	4.0	U	4.0	U	4.0	U	22.5		2.2	J
Copper, Total	200	25.0		52.9		14.4		3.8	J	4.0	U	45.9		5.6	
Cyanide, Total	400	10.0	U	10.0	U	10.0	U	10.0	U	10.0	UJ	10.0	UJ	10.0	UJ
Iron, Total	300	338		654		420		1,800		1,700		59,300		3,720	
Lead, Total	25	29.9		14.6		6.0		2.5		1.2	U	54.3		2.0	
Magnesium, Total	35,000	11,900		14,000		11,900		17,000		34,800		10,700		39,000	
Manganese, Total	300	59.4		294		84.3		649		639		971		133	
Mercury, Total	0.7	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.82		0.20	U
Nickel, Total	100	3.6	J	7.0		7.7		18.4		2.8	J	47.5		4.1	
Potassium, Total	NC	7,770		25,600		167,000		36,000		18,500		11,000		5,280	
Selenium, Total	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.1	J	14.0	
Silver, Total	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Sodium, Total	20,000	236,000		96,500		262,000		120,000		150,000		86,700		128,000	
Thallium, Total	0.5	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Vanadium, Total	NC	9.1		3.2	J	3.3	J	0.93	J	1.9	J	98.4		6.2	
Zinc, Total	2,000	38.9		95.8		123		75.5		16.0	U	143		10.6	J

Notes

µg/L - micrograms per liter

NA - Not analyzed

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

J - Estimated value

U - Non-detect

Table 11
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Metals

SAMPLE ID:		TRC-GW-DUP-01		RMW-3		Equipment Blank		TRC-EB-11292021	TRC-EB-11302021	TRC-EB-12032021	TRC-EB-12072021	
LABORATORY SAMPLE ID:		460-248765-7		460-248765-4		460-248001-10		460-248094-12	460-248135-1	460-248403-15	460-248765-5	
DATE SAMPLE COLLECTED:		12/7/2021		12/7/2021		11/22/2021		11/29/2021	11/30/2021	12/3/2021	12/7/2021	
METALS (DISSOLVED) (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	
Aluminum, Dissolved	NC	40.0	U	40.0	U	40.0	U	NA	NA	NA	40.0	U
Antimony, Dissolved	3	2.0	U	2.0	U	2.0	U	NA	NA	NA	2.0	U
Arsenic, Dissolved	25	2.0	U	12.7		2.0	U	NA	NA	NA	2.0	U
Barium, Dissolved	1,000	98.7		334		1.0	J	NA	NA	NA	4.0	U
Beryllium, Dissolved	3	0.80	U	0.80	U	0.80	U	NA	NA	NA	0.80	U
Cadmium, Dissolved	5	2.0	U	2.0	U	2.0	U	NA	NA	NA	2.0	U
Calcium, Dissolved	NC	113,000		109,000		67.1	J	NA	NA	NA	500	U
Chromium, Dissolved	50	4.0	U	4.0	U	4.0	U	NA	NA	NA	4.0	U
Cobalt, Dissolved	NC	4.0	U	4.0	U	4.0	U	NA	NA	NA	4.0	U
Copper, Dissolved	200	4.0	U	4.0	U	4.0	U	NA	NA	NA	4.0	U
Iron, Dissolved	300	120	U	5,950		120	U	NA	NA	NA	120	U
Lead, Dissolved	25	1.2	U	1.2	U	1.2	U	NA	NA	NA	1.2	U
Magnesium, Dissolved	35,000	37,800		34,900		200	U	NA	NA	NA	200	U
Manganese, Dissolved	300	30.8		396		8.0	U	NA	NA	NA	8.0	U
Mercury, Dissolved	0.7	0.20	U	0.20	U	0.20	U	NA	NA	NA	0.20	U
Nickel, Dissolved	100	4.0	U	26.6		4.0	U	NA	NA	NA	4.0	U
Potassium, Dissolved	NC	4,780		11,800		200	U	NA	NA	NA	200	U
Selenium, Dissolved	10	15.5		2.5	U	2.5	U	NA	NA	NA	2.5	U
Silver, Dissolved	50	2.0	U	2.0	U	2.0	U	NA	NA	NA	2.0	U
Sodium, Dissolved	20,000	120,000		74,000		619		NA	NA	NA	500	U
Thallium, Dissolved	0.5	0.80	U	0.80	U	0.80	U	NA	NA	NA	0.80	U
Vanadium, Dissolved	NC	1.3	J	3.5	J	4.0	U	NA	NA	NA	4.0	U
Zinc, Dissolved	2,000	16.0	U	16.0	U	16.0	U	NA	NA	NA	16.0	U

Table 11
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Metals

SAMPLE ID:		TRC-GW-DUP-01		RMW-3		Equipment Blank		TRC-EB-11292021		TRC-EB-11302021		TRC-EB-12032021		TRC-EB-12072021	
LABORATORY SAMPLE ID:		460-248765-7		460-248765-4		460-248001-10		460-248094-12		460-248135-1		460-248403-15		460-248765-5	
DATE SAMPLE COLLECTED:		12/7/2021		12/7/2021		11/22/2021		11/29/2021		11/30/2021		12/3/2021		12/7/2021	
METALS (TOTAL) (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Aluminum, Total	NC	1,810		174		40.0	U	40.0	U	40.0	U	40.0	U	40.0	U
Antimony, Total	3	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic, Total	25	0.96	J	16.5		2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Barium, Total	1,000	101	J	328	J	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Beryllium, Total	3	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Cadmium, Total	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Calcium, Total	NC	98,200		105,000		500	U	500	U	500	U	500	U	500	U
Chromium, Total	50	5.8		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Cobalt, Total	NC	2.1	J	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Copper, Total	200	5.2		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Cyanide, Total	400	10.0	UJ	10.0	UJ	10.0	U	10.0	U	10.0	U	10.0	U	10.0	UJ
Iron, Total	300	3,450		6,330		120	U	120	U	120	U	120	U	120	U
Lead, Total	25	1.9		1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Magnesium, Total	35,000	34,500		35,300		200	U	200	U	200	U	200	U	200	U
Manganese, Total	300	117		395		8.0	U	8.0	U	8.0	U	8.0	U	8.0	U
Mercury, Total	0.7	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel, Total	100	3.8	J	26.1		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Potassium, Total	NC	4,610		12,300		200	U	200	U	200	U	200	U	200	U
Selenium, Total	10	12.5		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Silver, Total	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Sodium, Total	20,000	119,000		73,900		500	U	500	U	500	U	500	U	500	U
Thallium, Total	0.5	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Vanadium, Total	NC	5.8		5.4		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Zinc, Total	2,000	8.9	J	7.3	J	16.0	U	16.0	U	16.0	U	16.0	U	16.0	U

Notes

µg/L - micrograms per liter

NA - Not analyzed

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

J - Estimated value

U - Non-detect

Table 12
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:		TRC-GW-05		TRC-GW-06		TRC-GW-07		TRC-GW-10		TRC-GW-13		TRC-GW-22		LOT01-GW-01	
LABORATORY SAMPLE ID:		460-226524-9		460-226524-10		460-226591-1		460-226591-2		460-227322-9		460-228242-9		460-216437-3	
DATE SAMPLE COLLECTED:		1/14/2021		1/14/2021		1/15/2021		1/15/2021		1/27/2021		2/15/2021		8/19/2020	
POLYCHLORINATED BIPHENYLS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
PCB-1016 (Aroclor 1016)	NC	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U
PCB-1221 (Aroclor 1221)	NC	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U
PCB-1232 (Aroclor 1232)	NC	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U
PCB-1242 (Aroclor 1242)	NC	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U
PCB-1248 (Aroclor 1248)	NC	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U
PCB-1254 (Aroclor 1254)	NC	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U
PCB-1260 (Aroclor 1260)	NC	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U
PCB-1262 (Aroclor 1262)	NC	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U
PCB-1268 (Aroclor 1268)	NC	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U
Total PCBs	0.09	0.40	U	0.40	U	0.40	U	0.40	UJ	0.40	U	0.40	U	0.40	U

Notes
µg/L - micrograms per liter
NC - No criterion
Shaded and **bold** results exceed the corresponding Class GA Value.
DUP is a duplicate sample of TRC-BS-01.
TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.
U - Non-detect

Table 12
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:		LOT01-GW-02		LOT06-GW-03		TRC-BS-01		DUP		TRC-BS-02		TRC-BS-03		TRC-BS-04	
LABORATORY SAMPLE ID:		460-216437-4		460-216341-3		460-248001-1		460-248001-9		460-248001-2		460-248001-3		460-248001-4	
DATE SAMPLE COLLECTED:		8/19/2020		8/18/2020		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021	
POLYCHLORINATED BIPHENYLS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
PCB-1016 (Aroclor 1016)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1221 (Aroclor 1221)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1232 (Aroclor 1232)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1242 (Aroclor 1242)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1248 (Aroclor 1248)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1254 (Aroclor 1254)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1260 (Aroclor 1260)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1262 (Aroclor 1262)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1268 (Aroclor 1268)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Total PCBs	0.09	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U

Notes

µg/L - micrograms per liter

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

U - Non-detect

Table 12
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:		TRC-WS-01		TRC-WS-02		TRC-WS-03		TRC-WS-04		TRC-MW-23		TRC-MW-25		TRC-MW-29	
LABORATORY SAMPLE ID:		460-248001-5		460-248001-6		460-248001-7		460-248001-8		460-248765-1		460-248765-2		460-248765-3	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		12/7/2021		12/7/2021		12/7/2021	
POLYCHLORINATED BIPHENYLS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
PCB-1016 (Aroclor 1016)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1221 (Aroclor 1221)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1232 (Aroclor 1232)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1242 (Aroclor 1242)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1248 (Aroclor 1248)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1254 (Aroclor 1254)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1260 (Aroclor 1260)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1262 (Aroclor 1262)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1268 (Aroclor 1268)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Total PCBs	0.09	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U

Notes

µg/L - micrograms per liter

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

U - Non-detect

Table 12
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Polychlorinated Biphenyls

SAMPLE ID:		TRC-GW-DUP-01		RMW-3		Equipment Blank		TRC-EB-11292021		TRC-EB-113021		TRC-EB-12032021		TRC-EB-12072021	
LABORATORY SAMPLE ID:		460-248765-7		460-248765-4		460-248001-10		460-248094-12		460-248135-1		460-248403-15		460-248765-5	
DATE SAMPLE COLLECTED:		12/7/2021		12/7/2021		11/22/2021		11/29/2021		11/30/2021		12/3/2021		12/7/2021	
POLYCHLORINATED BIPHENYLS (µg/L)	Class GA Value (µg/L)	Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)		Result (µg/L)	
PCB-1016 (Aroclor 1016)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1221 (Aroclor 1221)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1232 (Aroclor 1232)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1242 (Aroclor 1242)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1248 (Aroclor 1248)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1254 (Aroclor 1254)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1260 (Aroclor 1260)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1262 (Aroclor 1262)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
PCB-1268 (Aroclor 1268)	NC	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Total PCBs	0.09	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U

Notes
µg/L - micrograms per liter
NC - No criterion
Shaded and **bold** results exceed the corresponding Class GA Value.
DUP is a duplicate sample of TRC-BS-01.
TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.
U - Non-detect

Table 13
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:		LOT01-GW-01		LOT01-GW-02		LOT06-GW-03		TRC-BS-01		DUP		TRC-BS-02		TRC-BS-03		TRC-BS-04		TRC-WS-01	
LABORATORY SAMPLE ID:		460-216437-3		460-216437-4		460-216341-3		460-248001-1		460-248001-9		460-248001-2		460-248001-3		460-248001-4		460-248001-5	
DATE SAMPLE COLLECTED:		8/19/2020		8/19/2020		8/18/2020		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021	
PESTICIDES (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
4,4'-DDD	0.3	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.016	J	0.020	U	0.020	U	0.020	U
4,4'-DDE	0.2	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
4,4'-DDT	0.2	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Aldrin	>0 ⁽¹⁾	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
alpha-BHC	0.01	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
beta-BHC	0.04	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Chlordane (technical)	0.05	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-Chlordane	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
delta-BHC	0.04	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Dieldrin	0.004	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan I	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan II	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan sulfate	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endrin	>0 ⁽¹⁾	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endrin aldehyde	5	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endrin ketone	5	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
gamma-BHC (Lindane)	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor	0.04	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor epoxide	0.03	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Methoxychlor	35	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Toxaphene	0.06	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
trans-Chlordane	0.05	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
HERBICIDES (mg/kg)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
2,4-D	50	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
2,4,5-T	35	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
2,4,5-TP (Silvex)	0.26	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U

Notes

⁽¹⁾ - Aldrin and Endrin exceedances is any concentration above the detection limit
µg/L - micrograms per liter
NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.
TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

U - Non-detect

Table 13
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Groundwater Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:		TRC-WS-02		TRC-WS-03		TRC-WS-04		TRC-MW-23		TRC-MW-25		TRC-MW-29		TRC-GW-DUP-01		RMW-3		Equipment Blank	
LABORATORY SAMPLE ID:		460-248001-6		460-248001-7		460-248001-8		460-248627-1		460-248627-2		460-248627-3		460-248627-6		460-248627-4		460-248001-10	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		11/22/2021	
PESTICIDES (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
4,4'-DDD	0.3	0.056		0.034		0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
4,4'-DDE	0.2	0.044		0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
4,4'-DDT	0.2	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Aldrin	>0 ⁽¹⁾	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
alpha-BHC	0.01	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
beta-BHC	0.04	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Chlordane (technical)	0.05	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-Chlordane	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
delta-BHC	0.04	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Dieldrin	0.004	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan I	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan II	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan sulfate	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endrin	>0 ⁽¹⁾	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endrin aldehyde	5	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endrin ketone	5	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
gamma-BHC (Lindane)	NC	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor	0.04	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor epoxide	0.03	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Methoxychlor	35	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Toxaphene	0.06	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
trans-Chlordane	0.05	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
HERBICIDES (mg/kg)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
2,4-D	50	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
2,4,5-T	35	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
2,4,5-TP (Silvex)	0.26	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U

Notes

⁽¹⁾ - Aldrin and Endrin exceedances is any concentration above the detection limit
 µg/L - micrograms per liter

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

U - Non-detect

Table 13
 BLDG Orchard, LLC
 42-24 Orchard Street Site
 Long Island City, Queens, New York
 BCP Site No. C241256 Remedial Investigation
 Summary of Groundwater Sampling Analytical Results for Pesticides and Herbicides

SAMPLE ID:		TRC-EB-11292021		TRC-EB-11302021		TRC-EB-12032021		TRC-EB-12072021	
LABORATORY SAMPLE ID:		460-248094-12		460-248135-1		460-248403-15		460-248627-5	
DATE SAMPLE COLLECTED:		11/29/2021		11/30/2021		12/3/2021		12/7/2021	
PESTICIDES (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
4,4'-DDD	0.3	0.020	U	0.020	U	0.020	U	0.020	U
4,4'-DDE	0.2	0.020	U	0.020	U	0.020	U	0.020	U
4,4'-DDT	0.2	0.020	U	0.020	U	0.020	U	0.020	U
Aldrin	>0 ⁽¹⁾	0.020	U	0.020	U	0.020	U	0.020	U
alpha-BHC	0.01	0.020	U	0.020	U	0.020	U	0.020	U
beta-BHC	0.04	0.020	U	0.020	U	0.020	U	0.020	U
Chlordane (technical)	0.05	0.50	U	0.50	U	0.50	U	0.50	U
cis-Chlordane	NC	0.020	U	0.020	U	0.020	U	0.020	U
delta-BHC	0.04	0.020	U	0.020	U	0.020	U	0.020	U
Dieldrin	0.004	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan I	NC	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan II	NC	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan sulfate	NC	0.020	U	0.020	U	0.020	U	0.020	U
Endrin	>0 ⁽¹⁾	0.020	U	0.020	U	0.020	U	0.020	U
Endrin aldehyde	5	0.020	U	0.020	U	0.020	U	0.020	U
Endrin ketone	5	0.020	U	0.020	U	0.020	U	0.020	U
gamma-BHC (Lindane)	NC	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor	0.04	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor epoxide	0.03	0.020	U	0.020	U	0.020	U	0.020	U
Methoxychlor	35	0.020	U	0.020	U	0.020	U	0.020	U
Toxaphene	0.06	0.50	U	0.50	U	0.50	U	0.50	U
trans-Chlordane	0.05	0.020	U	0.020	U	0.020	U	0.020	U
HERBICIDES (mg/kg)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
2,4-D	50	1.2	U	1.2	U	1.2	U	1.2	U
2,4,5-T	35	1.2	U	1.2	U	1.2	U	1.2	U
2,4,5-TP (Silvex)	0.26	1.2	U	1.2	U	1.2	U	1.2	U

Notes

⁽¹⁾ - Aldrin and Endrin exceedances is any concentration above the detection limit

µg/L - micrograms per liter

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

U - Non-detect

Table 14
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Per- and Polyfluoroalkyl Substances

SAMPLE ID:		TRC-BS-01		DUP		TRC-BS-02		TRC-BS-03		TRC-BS-04		TRC-WS-01		TRC-WS-02	
LABORATORY SAMPLE ID:		460-247771-1		460-247771-9		460-247771-2		460-247771-3		460-247771-4		460-247771-5		460-247771-6	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021		11/22/2021	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ng/L)	Class GA Value (ng/L)	Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	NC	2.56	U	2.50	U	2.67	U	2.55	U	2.47	U	2.51	U	2.81	U
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	NC	24.4		25.1		4.45	U	6.83		4.12	U	2.58	J	4.69	U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NC	2.00	J	1.93	J	2.67	U	1.43	J	2.47	U	2.51	U	2.81	U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NC	1.71	U	1.67	U	1.78	U	1.70	U	1.65	U	1.67	U	1.87	U
Perfluorobutanesulfonic acid (PFBS)	NC	6.26		5.86		1.81		4.06		4.98		4.90		13.2	
Perfluorobutanoic acid (PFBA)	NC	22.4		19.3		9.47		27.9		18.1		16.9		28.7	
Perfluorodecanesulfonic acid (PFDS)	NC	1.71	U	1.67	U	1.78	U	1.70	U	1.65	U	1.67	U	1.87	U
Perfluorodecanoic acid (PFDA)	NC	1.47	J	1.49	J	1.78	U	1.78		0.810	J	0.500	J	4.08	
Perfluorododecanoic acid (PFDoA)	NC	1.71	U	1.67	U	1.78	U	1.70	U	1.65	U	1.67	U	0.560	J
Perfluoroheptanesulfonic Acid (PFHpS)	NC	1.71	U	0.60	J	1.78	U	0.45	J	1.65	U	1.67	U	1.33	J
Perfluoroheptanoic acid (PFHpA)	NC	9.92		10.4		1.86		11.1		7.62		9.47		18.7	
Perfluorohexanesulfonic acid (PFHxS)	NC	3.54		3.57		0.570	J	5.29		4.69		2.65		8.51	
Perfluorohexanoic acid (PFHxA)	NC	27.7		27.0		8.74		25.8		15.6		19.8		41.0	
Perfluorononanoic acid (PFNA)	NC	3.48		3.64		0.890	J	3.68		3.05		2.10		13.0	
Perfluorooctane sulfonate (PFOS)	2.7 ⁽¹⁾	47.2		46.0		3.18		38.5		18.9		27.9		89.8	
Perfluorooctanesulfonamide (PFOSA)	NC	0.46	J	1.67	U	1.78	U	0.640	J	0.460	J	0.660	J	1.42	J
Perfluorooctanoic acid (PFOA)	6.7 ⁽¹⁾	27.2		27.1		5.35		44.9		36.8		14.8		45.4	
Perfluoropentanoic acid (PFPeA)	NC	26.0		25.9		6.84		20.9		11.9		30.0		43.9	
Perfluorotetradecanoic acid (PFTeA)	NC	1.71	U	1.67	U	1.78	U	1.70	U	1.65	U	1.67	U	1.87	U
Perfluorotridecanoic acid (PFTriA)	NC	1.71	U	1.67	U	1.78	U	1.70	U	1.65	U	1.67	U	1.87	U
Perfluoroundecanoic acid (PFUnA)	NC	1.71	U	1.67	U	1.78	U	1.70	U	1.65	U	1.67	U	1.46	J

Notes

⁽¹⁾ - GA Value for PFOS and PFOA is presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.

ng/L - nanograms per liter

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

J - Estimated value

U - Non-detect

Table 14
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Per- and Polyfluoroalkyl Substances

SAMPLE ID:		TRC-WS-03		TRC-WS-04		TRC-MW-23		TRC-MW-25		TRC-MW-29		TRC-GW-DUP-01		RMW-3	
LABORATORY SAMPLE ID:		460-247771-7		460-247771-8		460-248627-1		460-248627-2		460-248627-3		460-248627-6		460-248627-4	
DATE SAMPLE COLLECTED:		11/22/2021		11/22/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ng/L)	Class GA Value (ng/L)	Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	NC	2.47	U	2.54	U	2.93	U	2.48	U	2.39	U	2.50	U	2.48	U
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	NC	4.12	U	4.01	J	35.6	J	4.13	U	3.66	J	3.67	J	13.7	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NC	0.45	J	2.54	U	9.13		0.42	J	2.39	U	2.50	U	4.95	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NC	1.65	U	1.69	U	1.95	U	0.79	J	1.59	U	1.67	U	1.65	U
Perfluorobutanesulfonic acid (PFBS)	NC	34.5		14.3		4.79		2.81		7.37		8.30		1.99	
Perfluorobutanoic acid (PFBA)	NC	43.5		31.4		7.18		8.66		12.7		12.5		5.46	
Perfluorodecanesulfonic acid (PFDS)	NC	1.65	U	1.69	U	1.95	U	1.65	U	1.59	U	1.67	U	1.65	U
Perfluorodecanoic acid (PFDA)	NC	2.69		2.41		1.95	U	1.07	J	1.59	U	1.67	U	1.65	U
Perfluorododecanoic acid (PFDoA)	NC	0.770	J	1.69	U	1.95	U	1.65	U	1.59	U	1.67	U	1.65	U
Perfluoroheptanesulfonic Acid (PFHpS)	NC	3.58		0.700	J	1.95	U	1.65	U	1.59	U	1.67	U	1.65	U
Perfluoroheptanoic acid (PFHpA)	NC	37.0		19.9		7.55		4.32		13.8		12.8		6.51	
Perfluorohexanesulfonic acid (PFHxS)	NC	27.6		5.89		2.72		4.74		2.74		2.68		3.53	
Perfluorohexanoic acid (PFHxA)	NC	51.3		48.3		13.1		10.5		12.7		12.9		12.0	
Perfluorononanoic acid (PFNA)	NC	7.18		5.66		1.39	J	3.41		1.87		1.69		0.58	J
Perfluorooctane sulfonate (PFOS)	2.7 ⁽¹⁾	151		55.0		25.5	J	18.8		11.2	U	11.2	U	16.2	
Perfluorooctanesulfonamide (PFOSA)	NC	1.52	J	1.69	U	0.56	J	1.65	U	1.59	U	1.67	U	1.65	U
Perfluorooctanoic acid (PFOA)	6.7 ⁽¹⁾	180		56.1		31.5	J	17.3		60.5		59.5		36.4	
Perfluoropentanoic acid (PFPeA)	NC	56.4		51.1		10.1	J	9.00	J	11.0	J	11.0	J	4.88	J
Perfluorotetradecanoic acid (PFTeA)	NC	1.65	U	1.69	U	1.95	U	1.65	U	1.59	U	1.67	U	1.65	U
Perfluorotridecanoic acid (PFTriA)	NC	1.65	U	1.69	U	1.95	U	1.65	U	1.59	U	1.67	U	1.65	U
Perfluoroundecanoic acid (PFUnA)	NC	0.600	J	1.69	U	1.95	U	0.410	J	1.59	U	1.67	U	1.65	U

Notes

⁽¹⁾ - GA Value for PFOS and PFOA is presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.

ng/L - nanograms per liter

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

J - Estimated value

U - Non-detect

Table 14
BLDG Orchard, LLC
42-24 Orchard Street Site
Long Island City, Queens, New York
BCP Site No. C241256 Remedial Investigation
Summary of Groundwater Sampling Analytical Results for Per- and Polyfluoroalkyl Substances

SAMPLE ID:		Equipment Blank		TRC-EB-112921		TRC-EB-113021		TRC-EB-120321		TRC-EB-120721	
LABORATORY SAMPLE ID:		460-247771-10		460-248094-16		460-248158-1		460-248448-7		460-248627-5	
DATE SAMPLE COLLECTED:		11/22/2021		11/29/2021		11/30/2021		12/3/2021		12/7/2021	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ng/L)	Class GA Value (ng/L)	Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)		Result (ng/L)	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	NC	2.56	U	2.66	U	2.56	U	2.46	U	2.44	U
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	NC	4.26	U	4.44	U	4.26	U	4.1	U	4.07	U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NC	2.56	U	2.66	U	2.56	U	2.46	U	2.44	U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorobutanesulfonic acid (PFBS)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorobutanoic acid (PFBA)	NC	4.26	U	4.44	U	4.26	U	4.10	U	4.07	U
Perfluorodecanesulfonic acid (PFDS)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorodecanoic acid (PFDA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorododecanoic acid (PFDoA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluoroheptanesulfonic Acid (PFHpS)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluoroheptanoic acid (PFHpA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorohexanesulfonic acid (PFHxS)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorohexanoic acid (PFHxA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorononanoic acid (PFNA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorooctane sulfonate (PFOS)	2.7 ⁽¹⁾	1.71	U	1.78	U	1.70	U	0.550	J	1.63	U
Perfluorooctanesulfonamide (PFOSA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorooctanoic acid (PFOA)	6.7 ⁽¹⁾	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluoropentanoic acid (PFPeA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U J
Perfluorotetradecanoic acid (PFTeA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluorotridecanoic acid (PFTriA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U
Perfluoroundecanoic acid (PFUnA)	NC	1.71	U	1.78	U	1.70	U	1.64	U	1.63	U

Notes

⁽¹⁾ - GA Value for PFOS and PFOA is presented in the NYSDEC Guidance Document titled "2021 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1" (June 2021) and proposed in an upcoming revision to TOGS 1.1.1.

ng/L - nanograms per liter

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

DUP is a duplicate sample of TRC-BS-01.

TRC-GW-DUP-01 is a duplicate sample of TRC-MW-29.

J - Estimated value

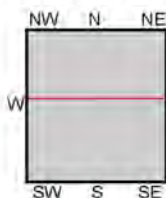
U - Non-detect

**REMEDIAL INVESTIGATION REPORT
BCP SITE NO. C241256
42-24 ORCHARD STREET
QUEENS, NEW YORK 11101**

FIGURES



This report includes information from the following map sheet(s).



TP, Brooklyn, 2013, 7.5-minute
N, Central Park, 2013, 7.5-minute



SITE NAME: 42-22,42-24 Orchard St,43-01,43-43,43-1
ADDRESS: 42-22,42-24 Orchard St,43-01,43-43,43-1
Long Island City, NY 11101



1430 Broadway, 10th Floor
New York, NY 10018
Phone: 212.221.7822
www.TRCompanies.com

PROJECT:

**BLDG ORCHARD LLC
42-24 ORCHARD STREET
BCP SITE NO. C241256
LONG ISLAND CITY, QUEENS, NEW YORK 11101**

TITLE:

SITE LOCATION MAP

DRAWN BY:

H. DELGADO

CHECKED BY:

E. EBERT

APPROVED BY:

K. BOGER

DATE:

AUGUST 2022

PROJ. NO.:

460578

FILE:

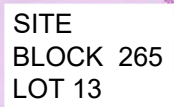
Fig 1 - Site Location Map (42-24).dwg

FIGURE 1

ASSUMED
GROUNDWATER
FLOW DIRECTION



PROJECT:		BLDG ORCHARD LLC 42-24 ORCHARD STREET BCP SITE NO. C241256 LONG ISLAND CITY, QUEENS, NEW YORK 11101	
TITLE:			
SITE PLAN			
DRAWN BY: H. DELGADO		PROJ NO.: 46057	
CHECKED BY: E. EBERT		FIGURE 2	
APPROVED BY: K. BOGER			
DATE: AUGUST 2022			
		1430 Broadway, 10th Floor New York, NY 10018 Phone: 212.221.7822 www.TRCompanies.com	
FILE NO.:		Fig 2 - Site Plan (42-24).dwg	



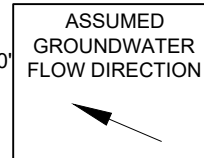
0.5 MILE RADIUS

SITE
BLOCK 265
LOT 13

Zoning District M1-4

SITE BOUNDARY	
	1 & 2 FAMILY RESIDENTIAL
	MULTI-FAMILY WALK-UP BUILDINGS
	MULTI-FAMILY ELEVATOR BUILDINGS
	MIXED RESIDENTIAL & COMMERCIAL BUILDINGS
	COMMERCIAL & OFFICE BUILDINGS
	INDUSTRIAL & MANUFACTURING
	TRANSPORTATION & UTILITY
	PUBLIC FACILITIES & INSTITUTIONS
	OPEN SPACE & OUTDOOR RECREATION
	PARKING FACILITIES
	VACANT LAND
	OTHER
	SCHOOL WITHIN 0.5 MILE RADIUS OF SITE

1. MAP SOURCE: [HTTPS://ZOLA.PLANNING.NYC.GOV](https://zola.planning.nyc.gov)

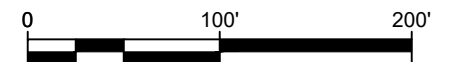
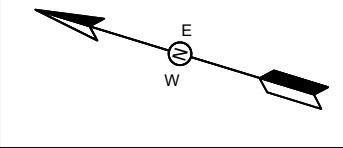
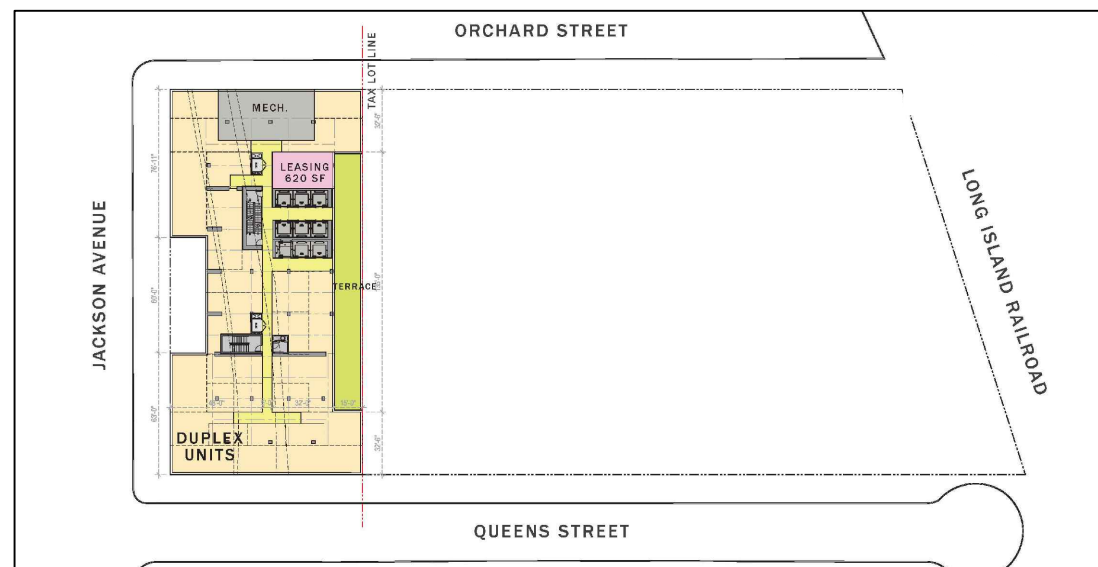
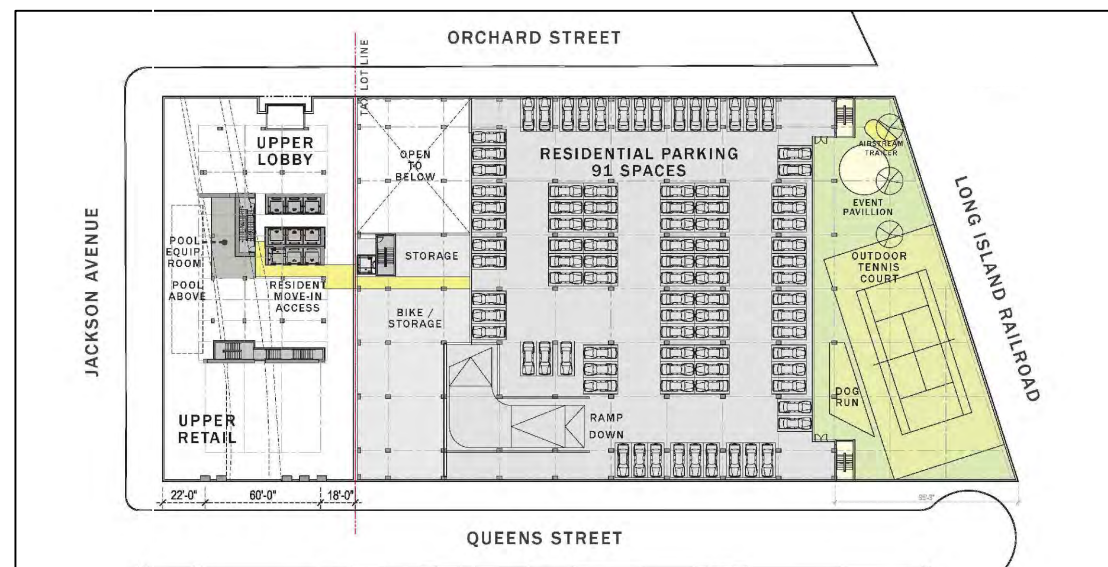
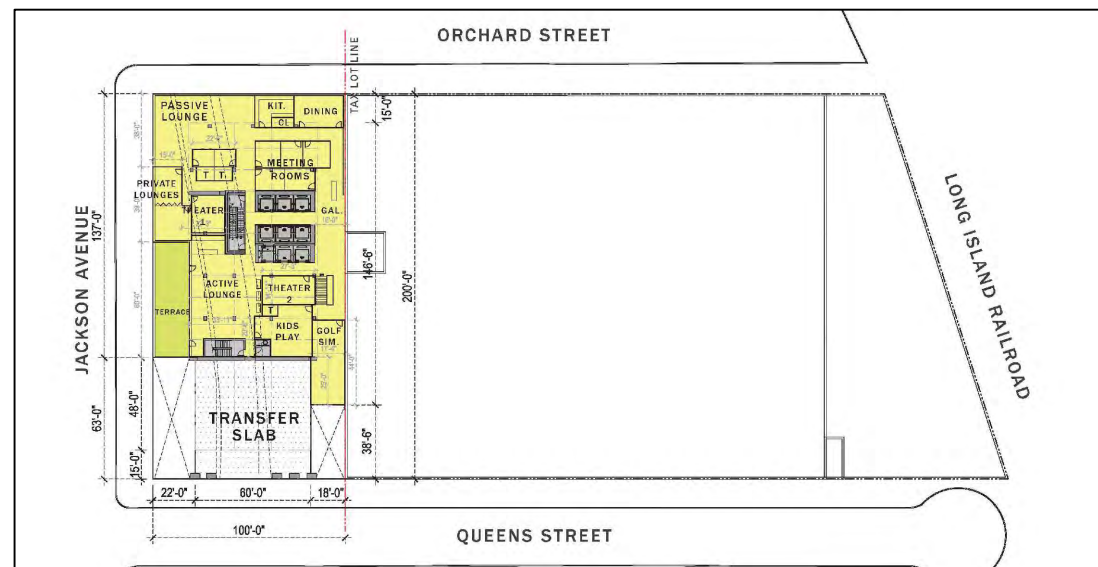
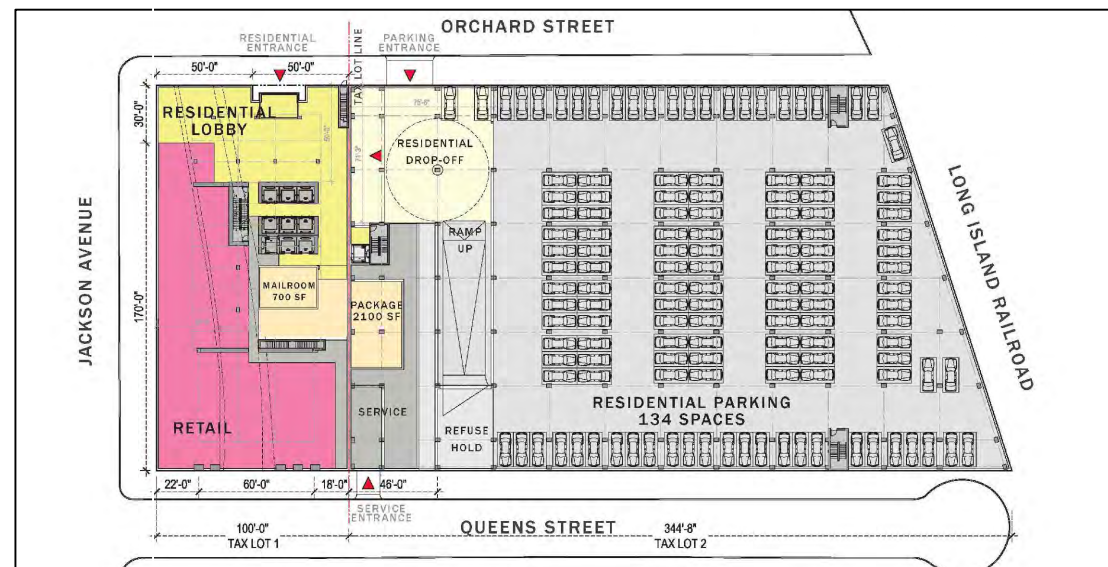
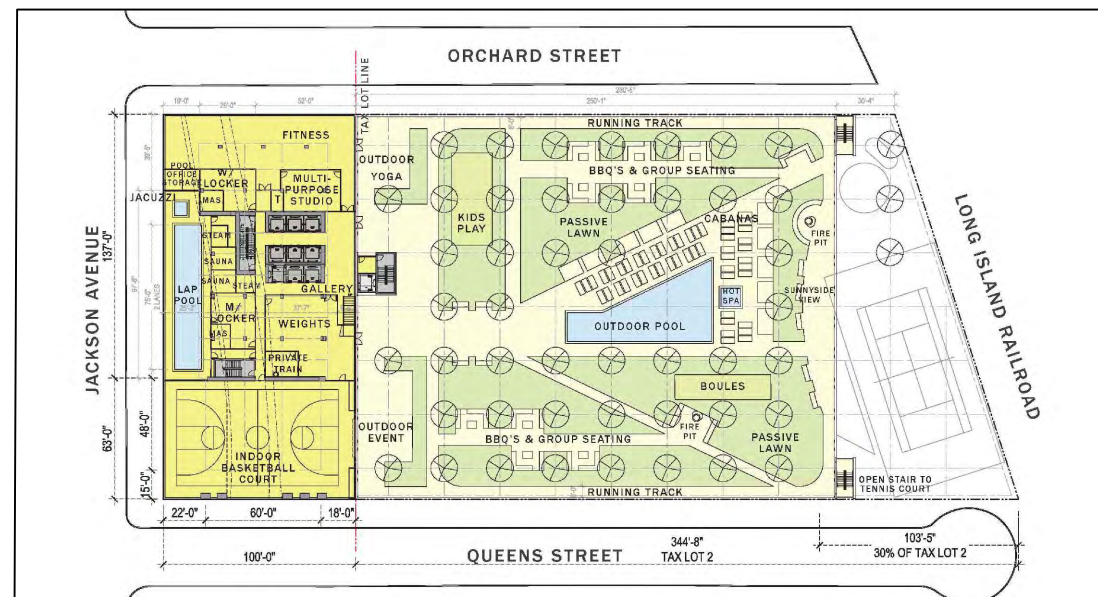
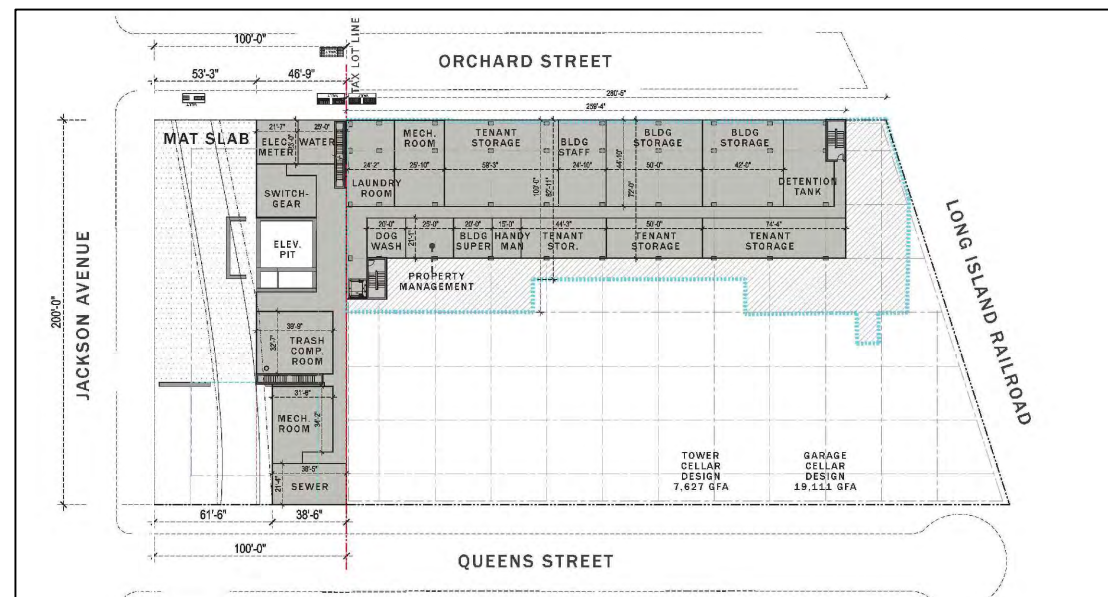


TITLE: **SURROUNDING LAND USE AND SENSITIVE ENVIRONMENTAL RECEPTORS**



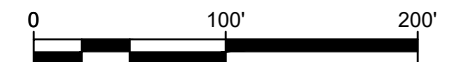
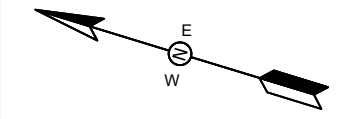
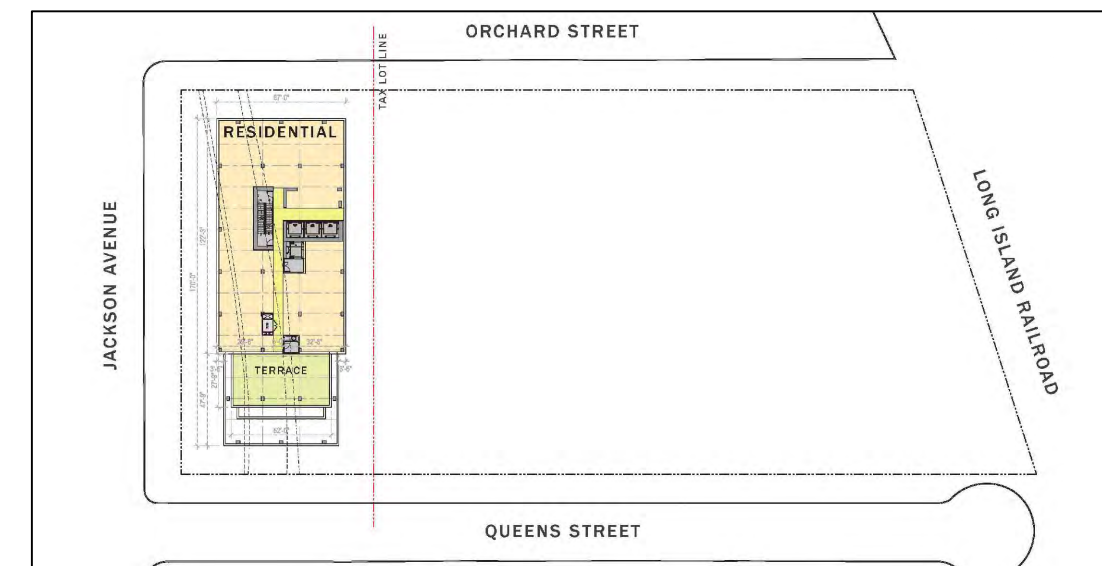
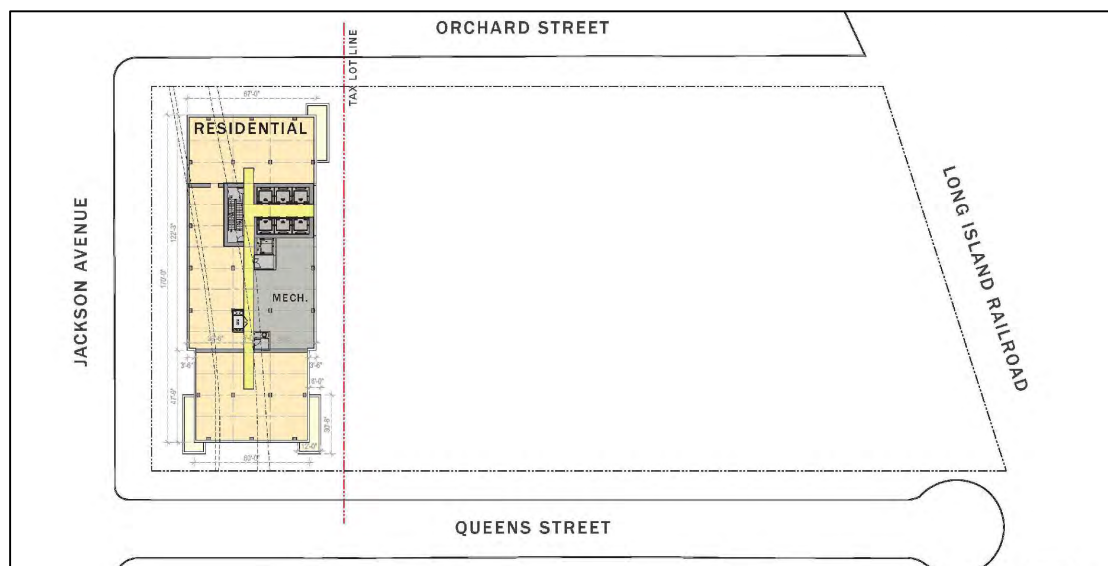
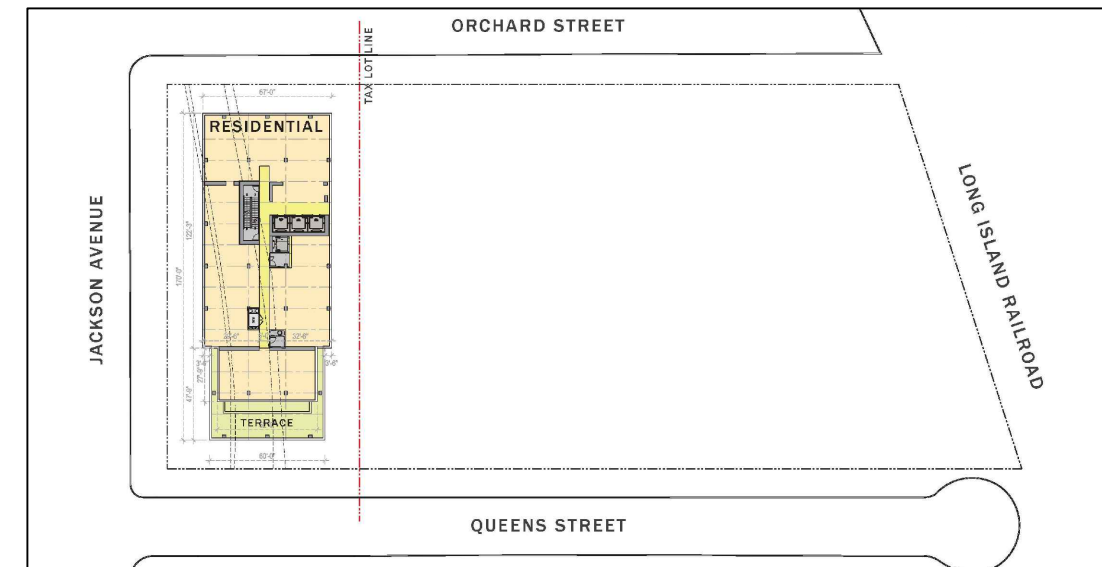
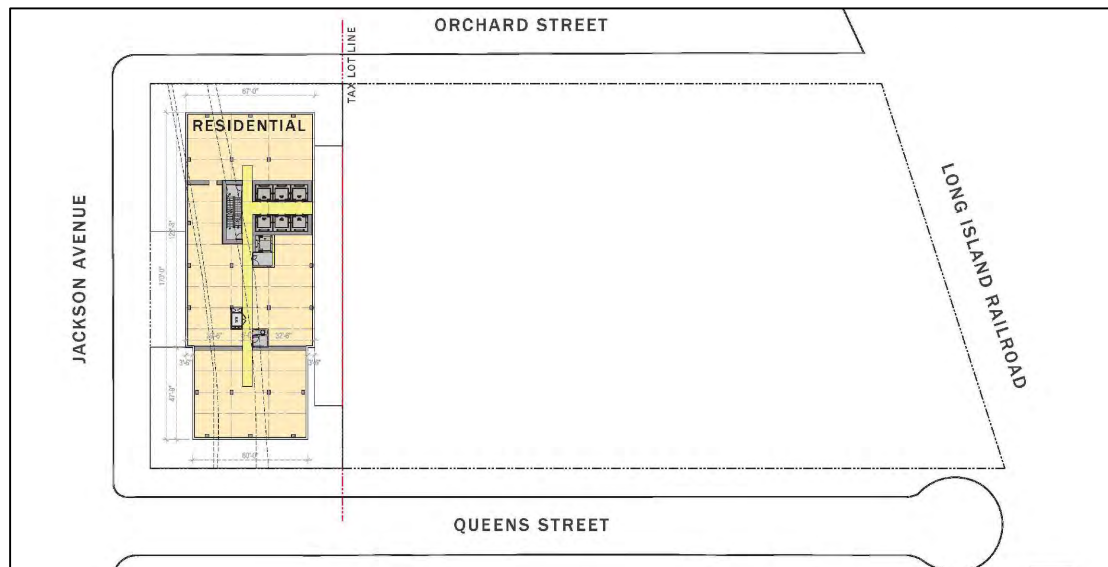
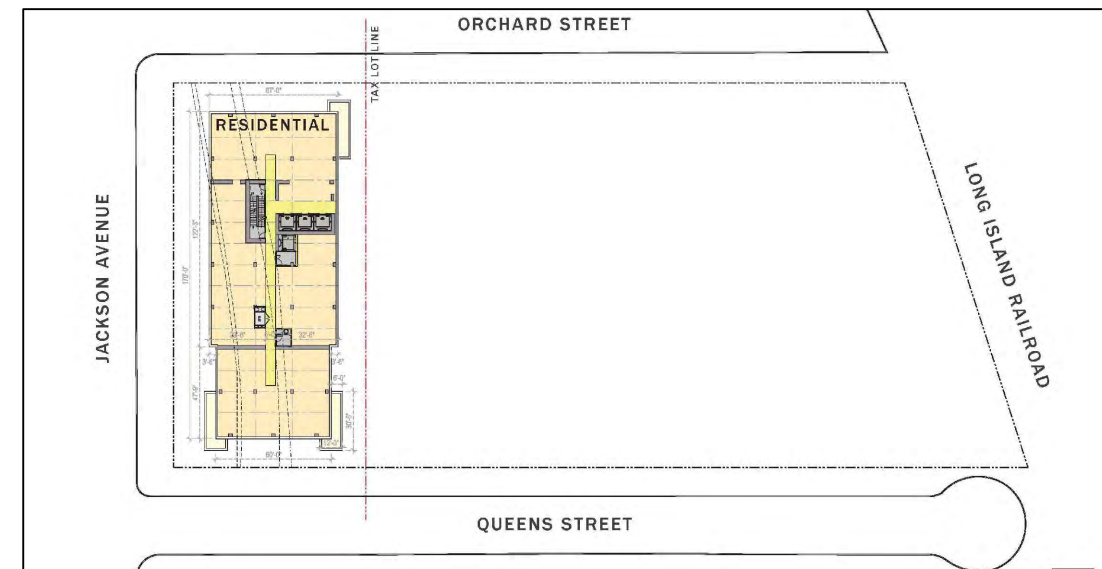
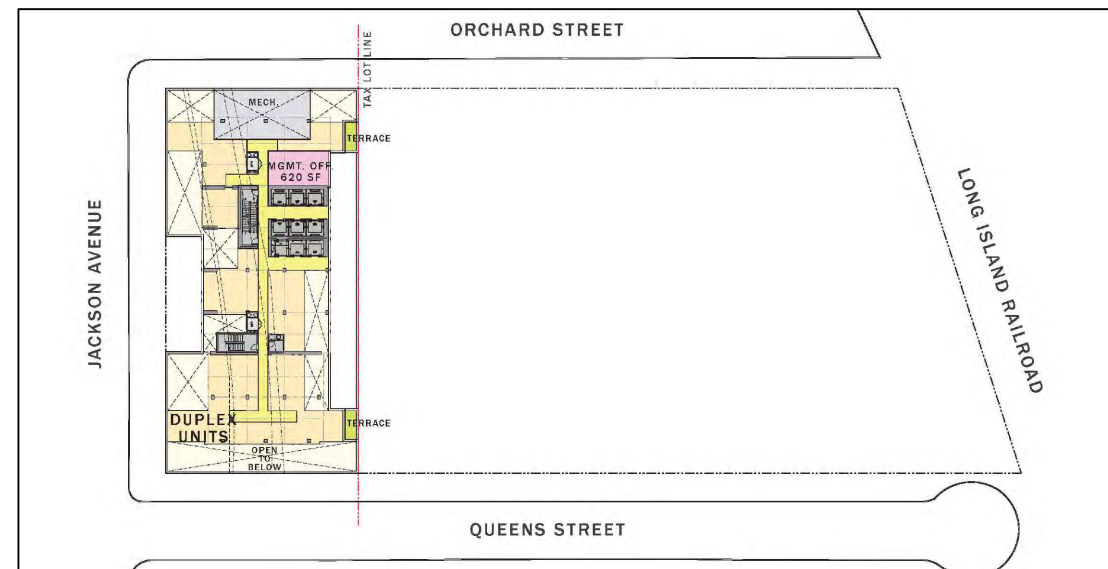
1430 Broadway, 10th Floor
New York, NY 10018
Phone: 212.221.7822
www.TRCcompanies.com

FILE NO.: Fig 3 - Surround. Land Use & Sens. Env. Recept. (42-24).dwg



SCALE: 1" = 100'
SHEET SIZE: 11" BY 17"

PROJECT:		BLDG ORCHARD LLC 42-24 ORCHARD STREET BCP SITE NO. C241256 LONG ISLAND CITY, QUEENS, NEW YORK 11101	
TITLE:			
PROPOSED SITE DEVELOPMENT			
DRAWN BY:		H. DELGADO	
CHECKED BY:		E. EBERT	
APPROVED BY:		K. BOGER	
DATE:		AUGUST 2022	
		1430 Broadway, 10th Floor New York, NY 10018 Phone: 212.221.7822 www.TRCompanies.com	
FILE NO.:		Fig 4A-4B - Prop. Site Develop. (42-24).dwg	



SCALE: 1" = 100'
SHEET SIZE: 11" BY 17"

PROJECT:		BLDG ORCHARD LLC 42-24 ORCHARD STREET BCP SITE NO. C241256 LONG ISLAND CITY, QUEENS, NEW YORK 11101	
TITLE:		PROPOSED SITE DEVELOPMENT	
DRAWN BY:	H. DELGADO	PROJ NO.:	460578
CHECKED BY:	E. EBERT	FIGURE 4B	
APPROVED BY:	K. BOGER		
DATE:	AUGUST 2022		
		1430 Broadway, 10th Floor New York, NY 10018 Phone: 212.221.7822 www.TRCompanies.com	
FILE NO.:	Fig 4A-4B - Prop. Site Develop. (42-24).dwg		

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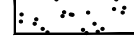
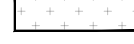
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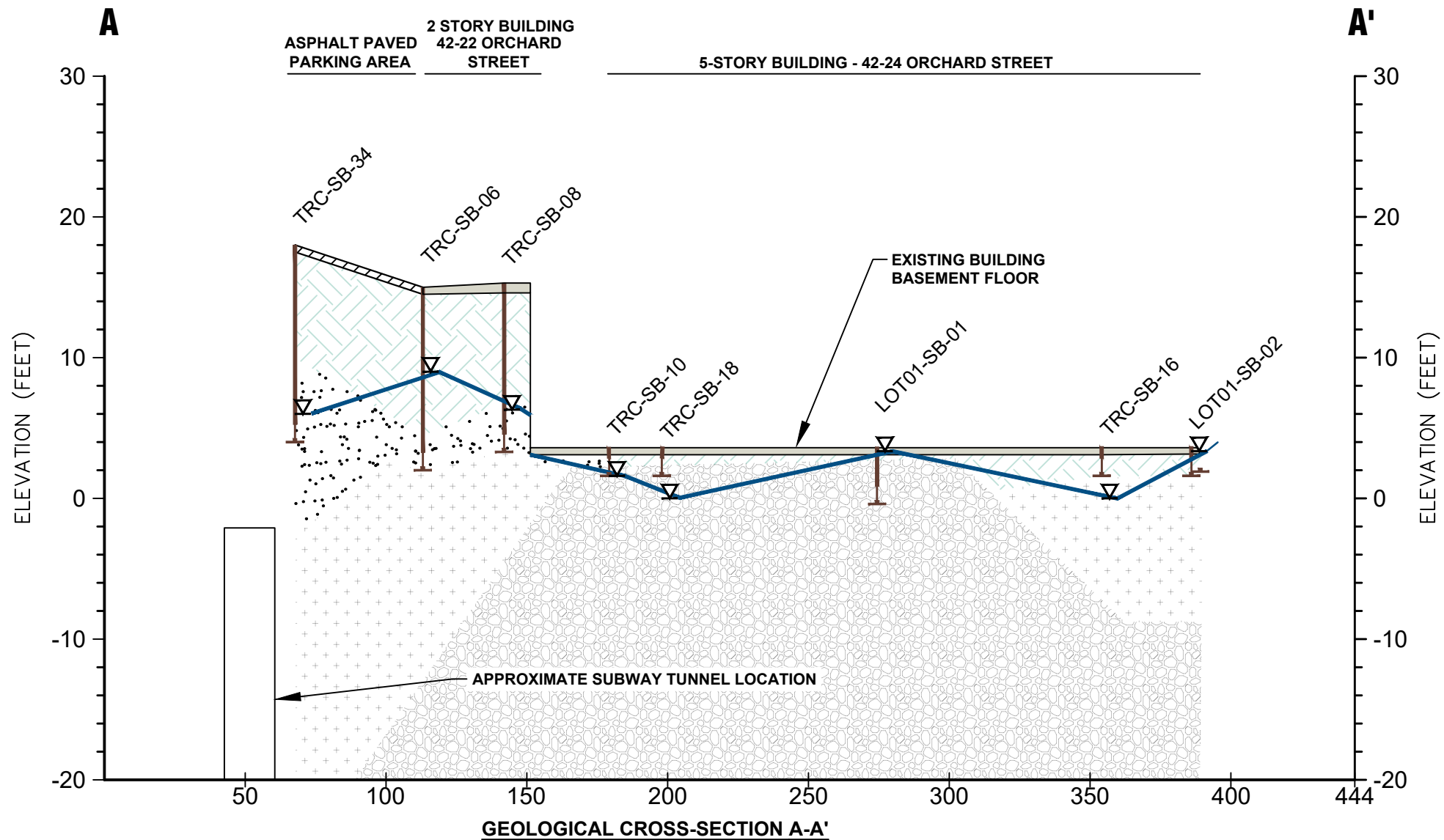
1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.
2. ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. GROUNDWATER SURFACE ELEVATIONS MEASURED DURING TRC'S PHASE II ESI (2020) AND RI FIELD ACTIVITIES (2021).
4. STRATIFICATIONS SHOWN ARE NECESSARY INTERPOLATIONS BETWEEN TRC'S BORINGS AND DATA PRESENTED IN MRCE GEOTECHNICAL REPORT DATED 2020 MAY NOT REPRESENT ACTUAL SUBSURFACE CONDITIONS.

LEGEND

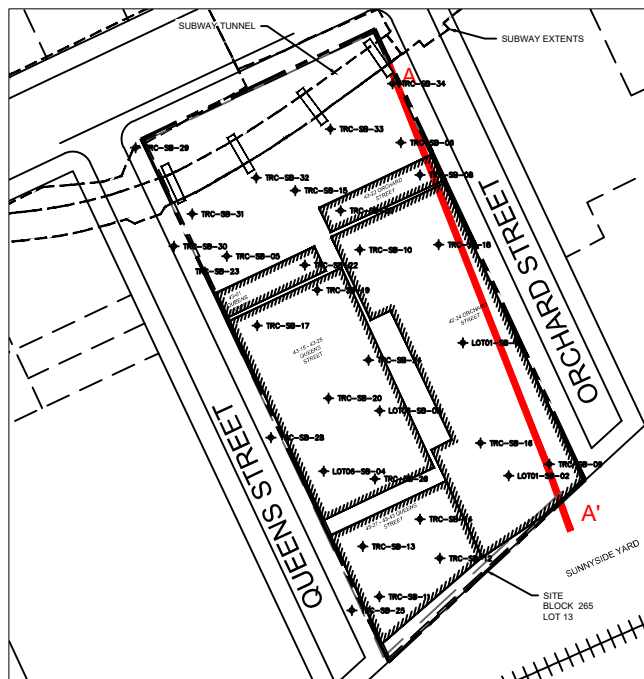
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- A** — **A'** TRANSECT
-  GROUNDWATER ELEVATION
-  BORING
-  END OF BORING

LITHOLOGY KEY

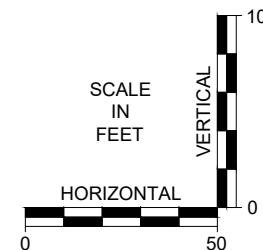
-  ASPHALT
-  CONCRETE
-  FILL
-  SAND
-  TILL
-  ROCK



GEOLOGICAL CROSS-SECTION A-A'



GEOLOGICAL CROSS-SECTION A-A'
TRANSECT MAP
SCALE: NTS



NOT FOR CONSTRUCTION

PROJECT:		BLDG ORCHARD LLC 42-24 ORCHARD STREET BCP SITE NO. C241256 LONG ISLAND CITY, QUEENS, NEW YORK 11101	
TITLE:		CROSS-SECTION A-A'	
DRAWN BY:	MG/NE	PROJ NO.:	460578
CHECKED BY:	H. DELGADO	FIGURE 7A	
APPROVED BY:	E. EBERT		
DATE:	AUGUST 2022		
		1430 Broadway, 10th Floor New York, NY 10018 Phone: 212.221.7822 www.TRCompanies.com	
FILE NO.:		460578.0000.00.06 Sections 2.dwg	

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- NOTES:**
1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.
 2. ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
 3. GROUNDWATER SURFACE ELEVATIONS MEASURED DURING TRC'S PHASE II ESI (2020) AND RI FIELD ACTIVITIES (2021).
 4. STRATIFICATIONS SHOWN ARE NECESSARY INTERPOLATIONS BETWEEN TRC'S BORINGS AND DATA PRESENTED IN MRCE GEOTECHNICAL REPORT DATED 2020 MAY NOT REPRESENT ACTUAL SUBSURFACE CONDITIONS.

LEGEND



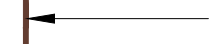
BUILDING FOOTPRINT



TRANSECT



GROUNDWATER ELEVATION



BORING

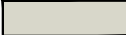


END OF BORING

LITHOLOGY KEY



ASPHALT



CONCRETE



FILL



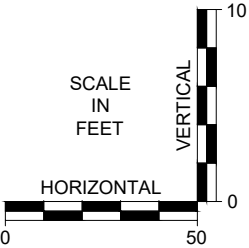
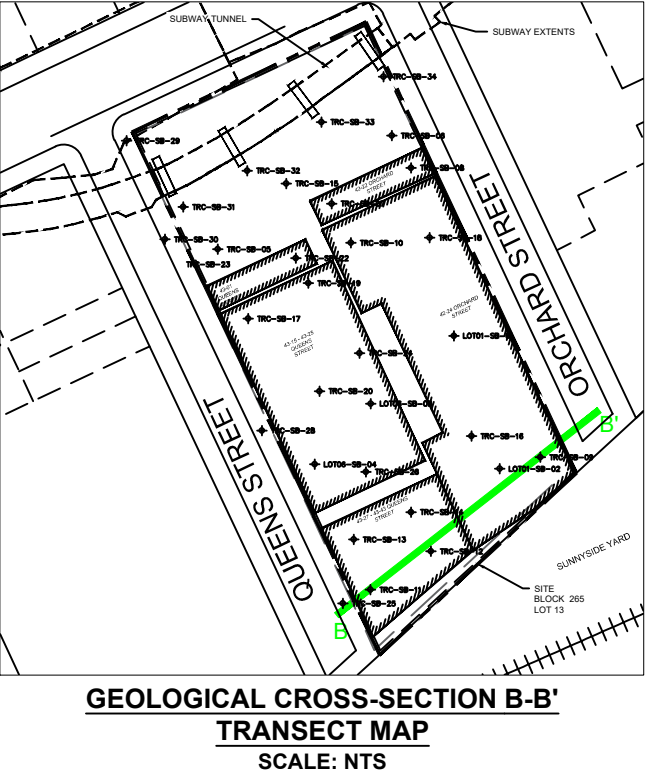
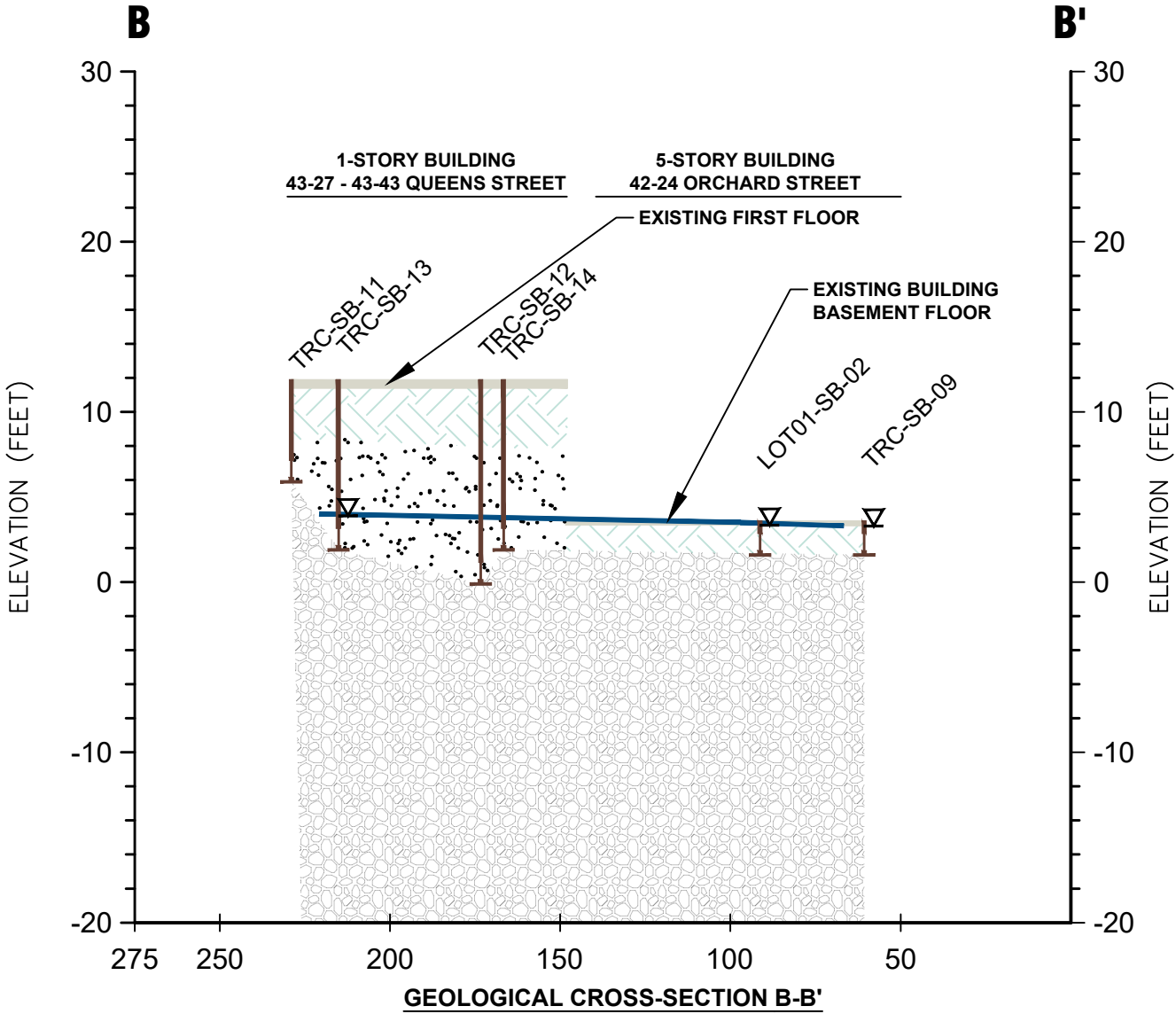
SAND



TILL

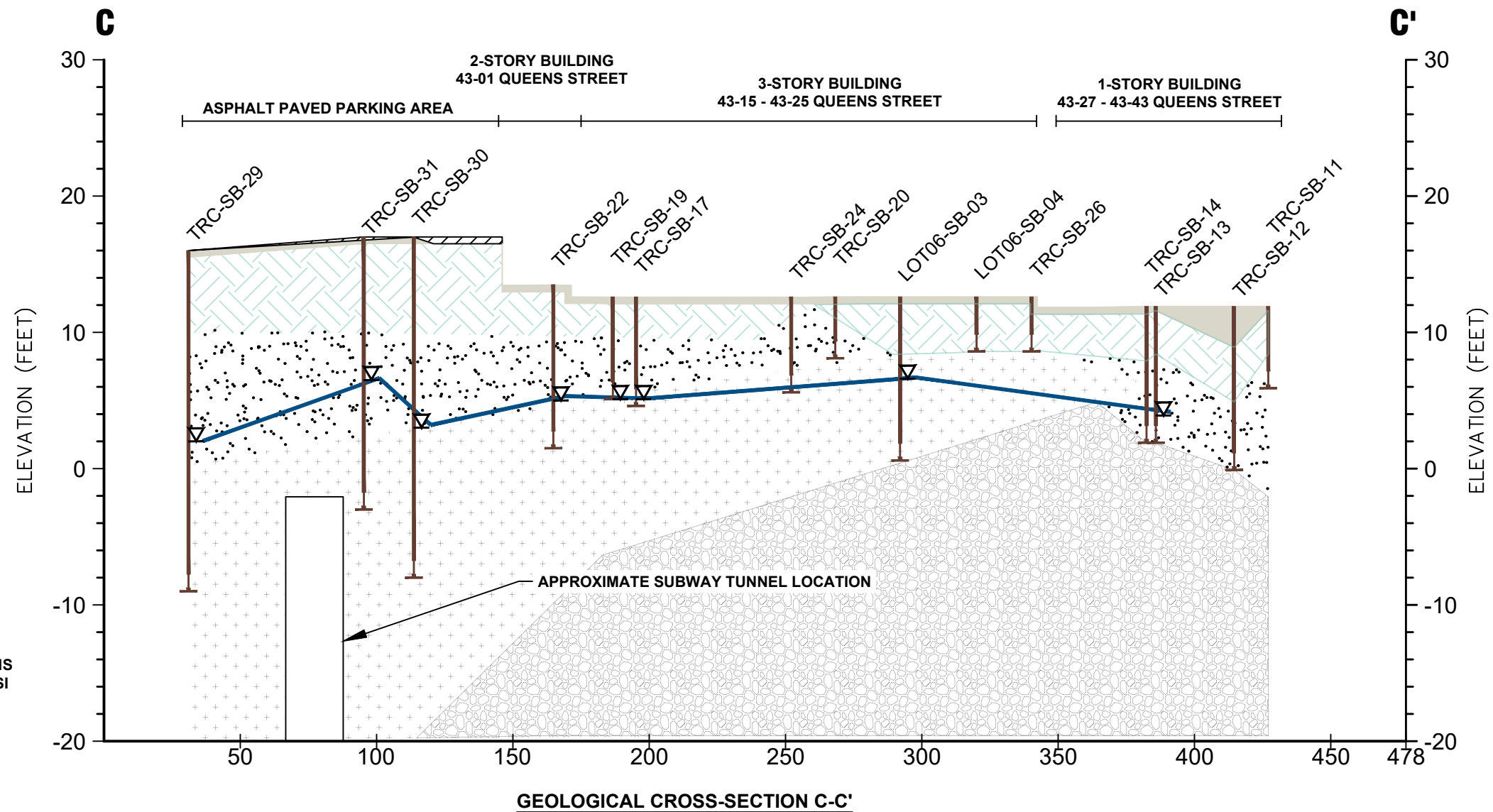


ROCK



NOT FOR CONSTRUCTION

PROJECT:	BLDG ORCHARD LLC 42-24 ORCHARD STREET BCP SITE NO. C241256 LONG ISLAND CITY, QUEENS, NEW YORK 11101		
TITLE:	CROSS-SECTION B-B'		
DRAWN BY:	MG/NE	PROJ NO.:	460578
CHECKED BY:	H. DELGADO	FIGURE 7B	
APPROVED BY:	E. EBERT		
DATE:	AUGUST 2022		
		1430 Broadway, 10th Floor New York, NY 10018 Phone: 212.221.7822 www.TRCompanies.com	
FILE NO.:	460578.0000.00.06 Sections 2.dwg		



NOTES:

- 1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.**
- 2. ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).**
- 3. GROUNDWATER SURFACE ELEVATIONS MEASURED DURING TRC'S PHASE II ESI (2020) AND RI FIELD ACTIVITIES (2021).**
- 4. STRATIFICATIONS SHOWN ARE NECESSARY INTERPOLATIONS BETWEEN TRC'S BORINGS AND DATA PRESENTED IN MRCE GEOTECHNICAL REPORT DATED 2020 MAY NOT REPRESENT ACTUAL SUBSURFACE CONDITIONS.**

LEGEND



BUILDING FOOTPRINT

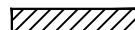
A — A' TRANSECT

GROUNDWATER ELEVATION

BORING

END OF BORING

LITHOLOGY KEY



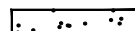
ASPHALT



CONCRETE



FILL



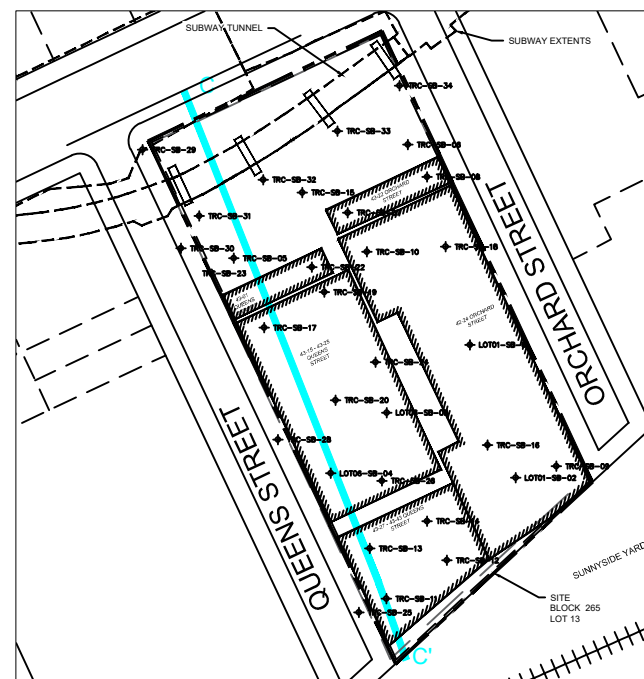
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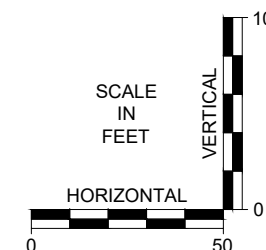
TILL



ROCK



GEOLOGICAL CROSS-SECTION C-C'
TRANSECT MAP
SCALE: NTS



NOT FOR CONSTRUCTION

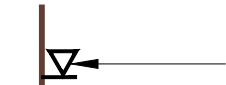
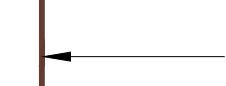
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TITLE:		CROSS-SECTION C-C'	
DRAWN BY:	MG/NE	PROJ NO.:	460578
CHECKED BY:	H. DELGADO	FIGURE 7C	
APPROVED BY:	E. EBERT		
DATE:	AUGUST 2022		
		1430 Broadway, 10th Floor New York, NY 10018 Phone: 212.221.7822 www.TRCompanies.com	
FILE NO.:		460578.0000.00.06 Sections 2.dwg	

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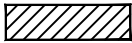
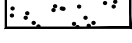
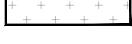
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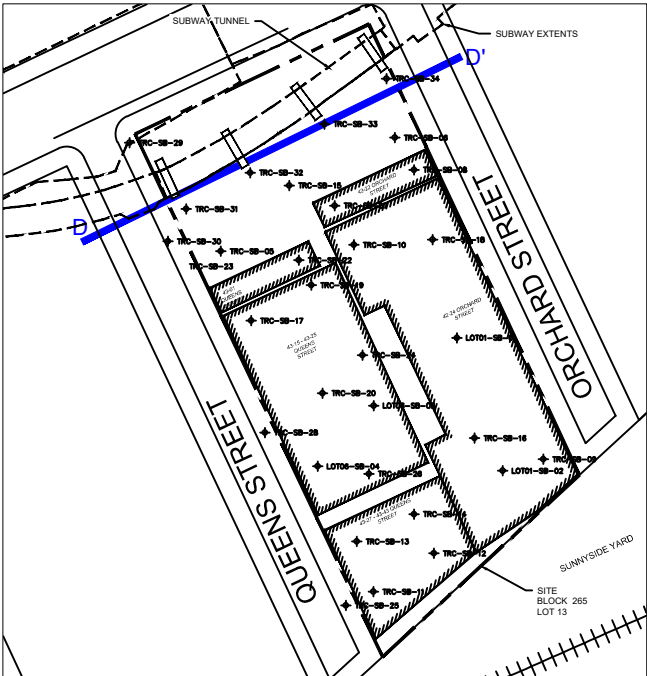
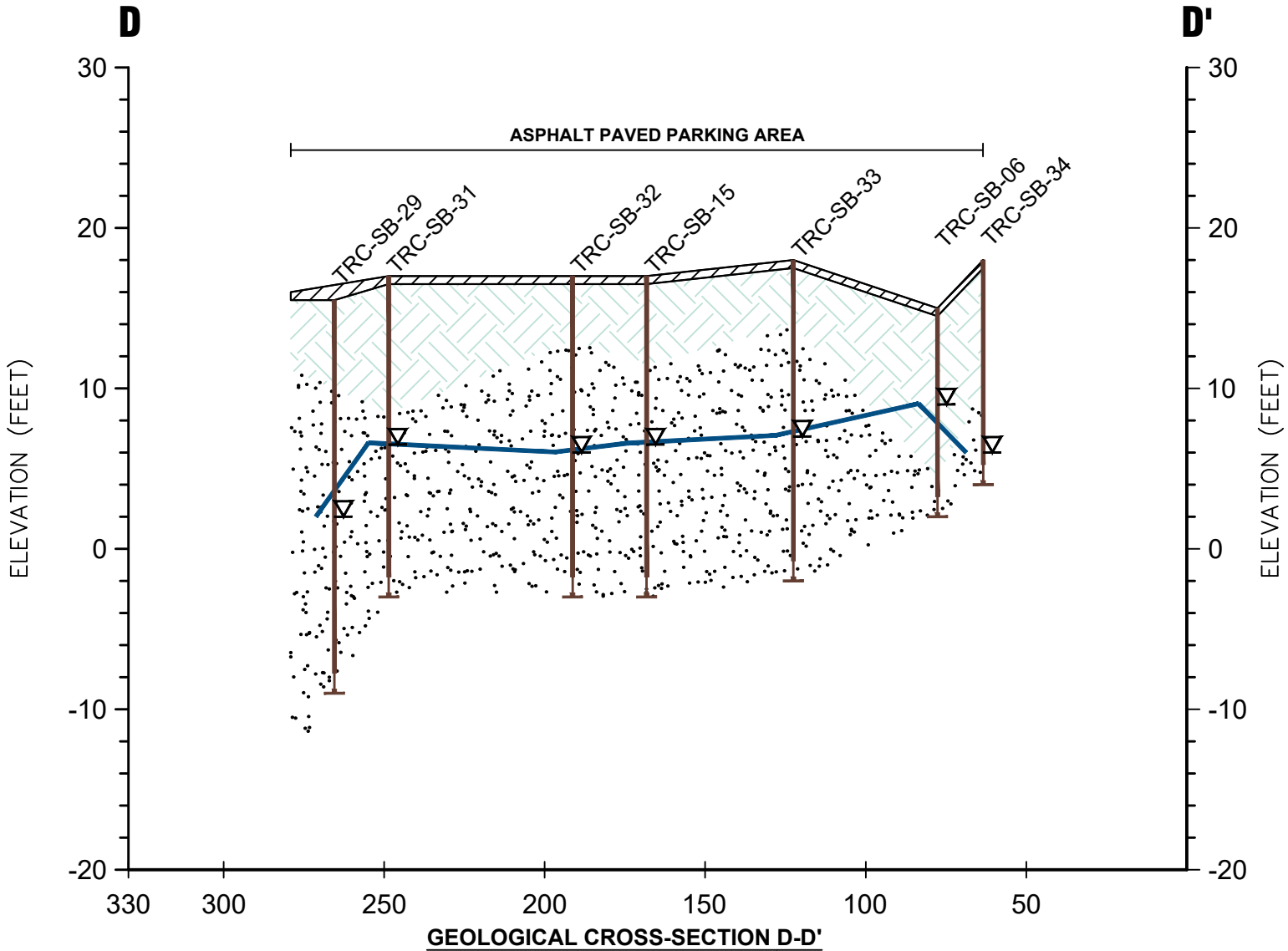
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2. ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. GROUNDWATER SURFACE ELEVATIONS MEASURED DURING TRC'S PHASE II ESI (2020) AND RI FIELD ACTIVITIES (2021).
4. STRATIFICATIONS SHOWN ARE NECESSARY INTERPOLATIONS BETWEEN TRC'S BORINGS AND DATA PRESENTED IN MRCE GEOTECHNICAL REPORT DATED 2020 MAY NOT REPRESENT ACTUAL SUBSURFACE CONDITIONS.

LEGEND

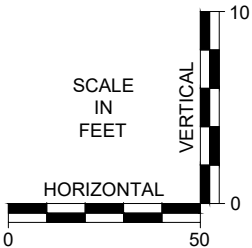
-  BUILDING FOOTPRINT
-  TRANSECT
-  GROUNDWATER ELEVATION
-  BORING
-  END OF BORING

LITHOLOGY KEY

-  ASPHALT
-  CONCRETE
-  FILL
-  SAND
-  TILL
-  ROCK



GEOLOGICAL CROSS-SECTION D-D'
TRANSECT MAP
SCALE: NTS



NOT FOR CONSTRUCTION

PROJECT:	BLDG ORCHARD LLC 42-24 ORCHARD STREET BCP SITE NO. C241256 LONG ISLAND CITY, QUEENS, NEW YORK 11101		
TITLE:	CROSS-SECTION D-D'		
DRAWN BY:	MG/NE	PROJ NO.:	460578
CHECKED BY:	H. DELGADO	FIGURE 7D	
APPROVED BY:	E. EBERT		
DATE:	AUGUST 2022		
		1430 Broadway, 10th Floor New York, NY 10018 Phone: 212.221.7822 www.TRCompanies.com	
FILE NO.:	460578.0000.00.06 Sections 2.dwg		

**REMEDIAL INVESTIGATION REPORT
BCP SITE NO. C241256
42-24 ORCHARD STREET
QUEENS, NEW YORK 11101**

**Appendix A
NYSDEC and NYSDOH Correspondence**

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 | F: (518) 402-9627
www.dec.ny.gov

July 19, 2021

Lloyd Goldman
BLDG Orchard, LLC
417 Fifth Avenue, 4th Floor
New York, NY 10016

RE: Remedial Investigation Work Plan (May 2021)
42-24 Orchard Street Site
43-01 - 43-43 Queens St & 42-22 - 42-24 Orchard St
Long Island City, Queens County
Site ID No.: C241256

Dear Lloyd Goldman:

The New York State Departments of Environmental Conservation (Department) and Health (NYSDOH) have reviewed the Draft Remedial Investigation Work Plan (RIWP) dated May 2021 for the above referenced site and have the following comments:

- The RIWP proposes soil sampling between 0 to 2 feet below ground surface. In order to properly evaluate exposure pathways, surface soil samples should be collected from a depth of 0 to 2 inches below the vegetative cover, if any, at the site. Please collect soil samples from 0 to 2 inches and 6 in to 2 ft in these locations.
- Section 4.4 – Task 2 – Soil Sampling: Please analyze all proposed soil samples for the full TAL/TCL suite of compounds. Additionally, at each boring location, please analyze the first sample interval for PFAS via EPA Method 537 Modified and 1,4-dioxane via EPA Method 8270 SIM. Please add an additional soil sampling location adjacent to each Test Pit for a total of four additional soil borings. At these locations samples should be collected from 0 to 2 in and 6 in to 2 ft below grade. Please analyze these samples for the compounds described above.
- Section 4.6 Task 4 – Please rename the section titled Sub-Slab Vapor Sampling to “Sub-Slab Vapor and Indoor Air Sampling.”
- The proposed qualitative exposure assessment must consider the receptor populations that have the potential to be exposed to site related contaminants both on- and off-site. That said, in addition to soil vapor intrusion sampling on-site, consideration should be given to collecting soil vapor samples around the perimeter of the site to evaluate the potential for soil vapor contamination, if any, to migrate off-site.

- Section 4.9 – Task 7 – Quality Assurance/Quality Control (QA/QC): Please be advised that the DUSR must be conducted by a third-party validator. Please revise the work plan and QAPP to reflect this and include the relevant qualifications of the selected validator.
- Figures: Please revise the <SCO label in the spider diagrams to <UUSCO.
- Figure 5 – The GW-10 callout points to the wrong sample location, please revise.
- Additional Sample Locations: Please add a SVI sampling location within the building footprint that SB-22 was collected in. Please add the following additional monitoring well locations: in the northeastern corner of the site, between MW-23 and MW-25, and adjacent to TP-4.
- QAPP: Please include the NYSDEC PFAS sampling guidelines as an Appendix to the QAPP. 1,4-dioxane should be analyzed via EPA Method 8270 SIM in groundwater and soil, please update all parts of the QAPP and work plan to reflect this. Please add ambient air samples and duplicate samples to Table 1C.
- A DEC Chemist reviewed the QAPP and had the following comments:
 - o Include the resumes of the project team
 - o Include the name and resume of the third party data validator
 - o List the name of the ELAP approved laboratory
 - o Include a site map showing sample locations
 - o Analytical Methods/Quality Assurance Summary Table – Include number and type of matrix spike and matrix spike duplicate samples to be collected
 - o Include the laboratory MDLs for the 21 PFAS compounds to be analyzed
 - o Include in the text that sampling for PFAS and 1,4-dioxane will be taking place
 - o 1,4-dioxane in soil should not be analyzed by Method 8260 as the table suggests
 - o Include the RL in soil for the 21 PFAS compounds to be analyzed
 - o Include the RLs for 1,4-dioxane in soil and groundwater
 - o Specify that equipment blanks for emerging contaminants will be collected at a minimum frequency of 1 per day
- HASP: Please add the BCP Site Number to the title page. Please add an emergency contact list for the site (911, Spills, DEC, etc.).

Please revise and submit the RIWP within 30 days of the date of this letter. If you have any questions, please feel free to contact me at 518-402-9176 or jared.donaldson@dec.ny.gov.

Sincerely,

Jared Donaldson

Jared Donaldson
Project Manager
Remedial Bureau A
Division of Environmental Remediation

EC: Rick Mustico
Bob Corcoran
Jennifer Andalaro (OGC)
Scarlett McLaughlin (DOH)
Melissa Doroski (DOH)
Dale Desnoyers
Kevin Boger (TRC)

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 | F: (518) 402-9627
www.dec.ny.gov

October 18, 2021

Lloyd Goldman
BLDG Orchard, LLC
417 Fifth Avenue, 4th Floor
New York, NY 10016

RE: Remedial Investigation Work Plan (October 2021)
42-24 Orchard Street Site
43-01 - 43-43 Queens St & 42-22 - 42-24 Orchard St
Long Island City, Queens County
Site ID No.: C241256

Dear Lloyd Goldman:

The New York State Departments of Environmental Conservation (Department) and Health (NYSDOH) have reviewed the Draft Remedial Investigation Work Plan (RIWP) dated October 2021 for the above referenced site and have the following comments:

- Section 4.4 – Task 2 – Soil Sampling: At least three samples should be analyzed from each soil sampling location. Additionally, a soil sample should be collected from the native soil below the bottom of the fill layer to characterize the extent of contamination.
- Section 4.4 – Task 2 – Soil Sampling: As expressed in the previous comment letter, please analyze **all** proposed soil samples for the full TAL/TCL suite of compounds.
- Section 4.5 Task 3 – Monitoring Well Installation and Development and Groundwater Sampling: Please describe the actions that will be taken if LNAPL or DNAPL is encountered.
- Figure 7 – Please remove the outdated version of Figure 7.
- Comments on Citizen Participation Plan:
 - o Please update the plan to refer to BLDG Orchard LLC as the “Participant” throughout.
 - o Section 5 – Investigation and Cleanup Process – Application: This section states the following: “... the site will be used for Restricted purposes.” Please revise this to mixed use (residential/commercial) purposes.



Department of
Environmental
Conservation

- o Appendix A: The NYS DOH contact is Melissa Doroski (Melissa.doroski@health.ny.gov), please revise accordingly.

Please revise and submit the RIWP within 30 days of the date of this letter. If you have any questions, please feel free to contact me at 518-402-9176 or jared.donaldson@dec.ny.gov.

Sincerely,

A handwritten signature in cursive script that reads "Jared Donaldson".

Jared Donaldson
Project Manager
Remedial Bureau A
Division of Environmental Remediation

EC: Rick Mustico
Bob Corcoran
Jennifer Andaloro (OGC)
Scarlett McLaughlin (DOH)
Melissa Doroski (DOH)
Kevin Boger (TRC)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau A

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November 3, 2021

Lloyd Goldman
BLDG Orchard, LLC
417 Fifth Avenue, 4th Floor
New York, NY 10016

RE: Remedial Investigation Work Plan (October 2021)
42-24 Orchard Street Site
43-01 - 43-43 Queens St & 42-22 - 42-24 Orchard St
Long Island City, Queens County
Site ID No.: C241256

Dear Lloyd Goldman:

The New York State Departments of Environmental Conservation (Department) and Health (NYSDOH) have reviewed the draft Remedial Investigation Work Plan (RIWP) dated October 2021 for the above referenced site and have the following comments:

- To fully delineate the nature and extent of contamination on-site, please install three co-located bedrock and overburden wells along the Eastern site boundary to evaluate the presence of groundwater contamination emanating from the upgradient Queens Plaza BCP site. Please install these wells to a minimum depth of 45 ft bg and characterize and log the cores.
- It has been brought to the attention of the Department that there are four sumps present in the basement of the building located at 42-24 Orchard Street. Please collect groundwater samples from these sumps and indicate their locations on all relevant site figures. Additionally, SVI samples should be collected in this building to evaluate exposure pathways.
- Sumps, pits and drainage structures in all site buildings should be similarly sampled and identified on all relevant site figures.

Please revise and submit the RIWP within 30 days of the date of this letter. If you have any questions, please feel free to contact me at 518-402-9176 or jared.donaldson@dec.ny.gov.

Sincerely,

Jared Donaldson



NEW YORK
STATE OF
OPPORTUNITY

Department of
Environmental
Conservation

Jared Donaldson
Project Manager
Remedial Bureau A
Division of Environmental Remediation

EC: Rick Mustico
Bob Corcoran
Jennifer Andalaro (OGC)
Scarlett McLaughlin (DOH)
Melissa Doroski (DOH)
Kevin Boger (TRC)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau A
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November 9, 2021

Lloyd Goldman
BLDG Orchard, LLC
417 Fifth Avenue, 4th Floor
New York, NY 10016

RE: Remedial Investigation Work Plan (November 2021)
42-24 Orchard Street Site
43-01 - 43-43 Queens St & 42-22 - 42-24 Orchard St
Long Island City, Queens County
Site ID No.: C241256

Dear Lloyd Goldman:

The New York State Departments of Environmental Conservation (Department) and Health (NYSDOH) have reviewed the draft Remedial Investigation Work Plan (RIWP) dated November 2021 for the above referenced site and find it to be acceptable contingent on the following:

- Based on discussions between the Department, TRC, and BLDG Orchard LLC, three bedrock and co-located overburden wells will be installed on-site at locations to be determined based on accessibility. To achieve this, a Supplemental Remedial Investigation Work Plan (SRIWP) will be submitted to the Department.

Please provide the Department with the anticipated state date of field activities and submit the SRIWP within 30 days of the date of this letter. If you have any questions, please feel free to contact me at 518-402-9176 or jared.donaldson@dec.ny.gov.

Sincerely,



Jared Donaldson
Project Manager
Remedial Bureau A
Division of Environmental Remediation

EC: Rick Mustico
Bob Corcoran
Jennifer Andalaro (OGC)
Scarlett McLaughlin (DOH)
Melissa Doroski (DOH)
Kevin Boger (TRC)



Department of
Environmental
Conservation

**REMEDIAL INVESTIGATION REPORT
BCP SITE NO. C241256
42-24 ORCHARD STREET
QUEENS, NEW YORK 11101**

**Appendix B
Community Air Monitoring Plan (CAMP) Data**

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530171209
 Firmware Version 3.1
 Calibration Date 8/16/2021
 Test Name MANUAL_001
 Test Start Time 8:41:26 AM
 Test Start Date 11/29/2021
 Test Length [D:H:M] 0:03:36
 Test Interval [M:S] 1:00
 Mass Average [mg/m3] 0.02
 Mass Minimum [mg/m3] 0
 Mass Maximum [mg/m3] 0.109
 Mass TWA [mg/m3] 0.009
 Photometric User Cal 1
 Flow User Cal 0
 Errors Flow Error
 Number of Samples 216

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.028		
120	0.034		
180	0.03		
240	0.026		
300	0.029		
360	0.027		
420	0.025		
480	0.025		
540	0.025		
600	0.025		
660	0.025		
720	0.023		
780	0.109		
840	0.025		
900	0.024		
960	0.026		
1020	0.027		
1080	0.039		
1140	0.03		
1200	0.028		
1260	0.023		
1320	0.021		
1380	0.021		
1440	0.02		
1500	0.02		
1560	0.019		
1620	0.019		

1680	0.018		
1740	0.019		
1800	0.019		
1860	0.022		
1920	0.022		
1980	0.021		
2040	0.02		
2100	0.021		
2160	0.019		
2220	0.027		
2280	0.021		
2340	0.018		
2400	0.018		
2460	0.018		
2520	0.018		
2580	0.022		
2640	0.02		
2700	0.03		
2760	0.025		
2820	0.02		
2880	0.026		
2940	0.018		
3000	0.02		
3060	0.023		
3120	0.029		
3180	0.019		
3240	0.017		
3300	0.017		
3360	0.016		
3420	0.016		
3480	0.016		
3540	0.017		
3600	0.029		
3660	0.02		
3720	0.018		
3780	0.017		
3840	0.017		
3900	0.017		
3960	0.017		
4020	0.017		
4080	0.02		
4140	0.018		
4200	0.018		
4260	0.029		
4320	0.02		
4380	0.017		
4440	0.018		

4500	0.017		
4560	0.017		
4620	0.017		
4680	0.016		
4740	0.017		
4800	0.017		
4860	0.017		
4920	0.017		
4980	0.017		
5040	0.017		
5100	0.017		
5160	0.017		
5220	0.015		
5280	0.015		
5340	0.016		
5400	0.016		
5460	0.015		
5520	0.015		
5580	0.015		
5640	0.015		
5700	0.015		
5760	0.016		
5820	0.015		
5880	0.017		
5940	0.025		
6000	0.016		
6060	0.015		
6120	0.017		
6180	0.023		
6240	0.023		
6300	0.015		
6360	0.013		
6420	0.012		
6480	0.015		
6540	0.013		
6600	0.016		
6660	0.013		
6720	0.013		
6780	0.013		
6840	0.014		
6900	0.015		
6960	0.012		
7020	0.011		
7080	0.011		
7140	0.011		
7200	0.011		
7260	0.011		

7320	0.011		
7380	0.012		
7440	0.012		
7500	0.014		
7560	0.016		
7620	0.012		
7680	0.02		
7740	0.013		
7800	0.014		
7860	0.024		
7920	0.014		
7980	0.01		
8040	0.011		
8100	0.01		
8160	0.01		
8220	0.01		
8280	0.016		
8340	0.015		
8400	0.012		
8460	0.018		
8520	0.028		
8580	0.024		
8640	0.054		
8700	0.013		
8760	0.013		
8820	0.012		
8880	0.011		
8940	0.012		
9000	0.015		
9060	0.014		
9120	0.015		
9180	0.011		
9240	0.01		
9300	0.01		
9360	0.009		
9420	0.008		
9480	0.009		
9540	0.011		
9600	0.008		
9660	0.008		
9720	0.009		
9780	0.019		
9840	0.023		
9900	0.024		
9960	0.036		
10020	0.027		
10080	0.015		

10140	0.019		
10200	0.025		
10260	0.022		
10320	0.013		
10380	0.09		
10440	0.067		
10500	0.045		
10560	0.019		
10620	0.036		
10680	0.018		
10740	0.021		
10800	0.011		
10860	0.015		
10920	0.021		
10980	0.019		
11040	0.019		
11100	0.011		
11160	0.033		
11220	0.074		
11280	0.08		
11340	0.055		
11400	0.036		
11460	0.047		
11520	0.044		
11580	0.014		
11640	0.021		
11700	0.037		
11760	0.037		
11820	0.017		
11880	0.045		
11940	0.049		
12000	0.02		
12060	0.016		
12120	0.016		
12180	0.017		
12240	0.016		
12300	0.012		Flow Error
12360	0.009		Flow Error
12420	0.002		Flow Error
12480	0.009		Flow Error
12540	0.003		Flow Error
12600	0.003		Flow Error
12660	0.021		Flow Error
12720	0.001		Flow Error
12780	0.023		Flow Error
12840	0.001		Flow Error
12900	0.002		Flow Error

12960	0		Flow Error

Notes:

All reported units are milligrams per cubic meter (mg/m³)

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530141715
 Firmware Version 3.1
 Calibration Date 7/31/2021
 Test Name MANUAL_001
 Test Start Time 9:50:31 AM
 Test Start Date 11/29/2021
 Test Length [D:H:M] 0:04:45
 Test Interval [M:S] 1:00
 Mass Average [mg/m3] 0.019
 Mass Minimum [mg/m3] 0.009
 Mass Maximum [mg/m3] 0.074
 Mass TWA [mg/m3] 0.011
 Photometric User Cal 1
 Flow User Cal 0
 Errors
 Number of Samples 285

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.03		
120	0.028		
180	0.028		
240	0.028		
300	0.028		
360	0.029		
420	0.029		
480	0.028		
540	0.028		
600	0.026		
660	0.025		
720	0.026		
780	0.026		
840	0.026		
900	0.025		
960	0.025		
1020	0.024		
1080	0.024		
1140	0.025		
1200	0.025		
1260	0.025		
1320	0.025		
1380	0.025		
1440	0.025		
1500	0.024		
1560	0.025		
1620	0.025		

1680	0.024		
1740	0.024		
1800	0.023		
1860	0.024		
1920	0.024		
1980	0.025		
2040	0.025		
2100	0.024		
2160	0.026		
2220	0.024		
2280	0.024		
2340	0.024		
2400	0.023		
2460	0.023		
2520	0.024		
2580	0.023		
2640	0.022		
2700	0.022		
2760	0.022		
2820	0.022		
2880	0.021		
2940	0.021		
3000	0.022		
3060	0.022		
3120	0.021		
3180	0.022		
3240	0.022		
3300	0.022		
3360	0.022		
3420	0.022		
3480	0.023		
3540	0.023		
3600	0.022		
3660	0.026		
3720	0.026		
3780	0.021		
3840	0.022		
3900	0.023		
3960	0.022		
4020	0.021		
4080	0.021		
4140	0.021		
4200	0.021		
4260	0.021		
4320	0.021		
4380	0.021		
4440	0.022		

4500	0.021		
4560	0.02		
4620	0.02		
4680	0.02		
4740	0.02		
4800	0.021		
4860	0.019		
4920	0.019		
4980	0.019		
5040	0.018		
5100	0.018		
5160	0.018		
5220	0.018		
5280	0.018		
5340	0.018		
5400	0.017		
5460	0.016		
5520	0.017		
5580	0.018		
5640	0.018		
5700	0.017		
5760	0.016		
5820	0.016		
5880	0.015		
5940	0.016		
6000	0.015		
6060	0.014		
6120	0.015		
6180	0.016		
6240	0.016		
6300	0.017		
6360	0.015		
6420	0.013		
6480	0.013		
6540	0.013		
6600	0.013		
6660	0.013		
6720	0.013		
6780	0.013		
6840	0.013		
6900	0.014		
6960	0.015		
7020	0.016		
7080	0.018		
7140	0.028		
7200	0.023		
7260	0.039		

7320	0.015		
7380	0.013		
7440	0.012		
7500	0.012		
7560	0.012		
7620	0.012		
7680	0.014		
7740	0.015		
7800	0.016		
7860	0.014		
7920	0.018		
7980	0.014		
8040	0.017		
8100	0.018		
8160	0.015		
8220	0.014		
8280	0.013		
8340	0.014		
8400	0.023		
8460	0.018		
8520	0.015		
8580	0.015		
8640	0.012		
8700	0.012		
8760	0.012		
8820	0.011		
8880	0.01		
8940	0.012		
9000	0.01		
9060	0.01		
9120	0.011		
9180	0.011		
9240	0.022		
9300	0.017		
9360	0.019		
9420	0.038		
9480	0.034		
9540	0.014		
9600	0.029		
9660	0.061		
9720	0.015		
9780	0.017		
9840	0.035		
9900	0.021		
9960	0.016		
10020	0.017		
10080	0.03		

10140	0.019		
10200	0.014		
10260	0.013		
10320	0.074		
10380	0.052		
10440	0.017		
10500	0.017		
10560	0.025		
10620	0.046		
10680	0.036		
10740	0.028		
10800	0.03		
10860	0.011		
10920	0.013		
10980	0.019		
11040	0.012		
11100	0.038		
11160	0.056		
11220	0.018		
11280	0.012		
11340	0.019		
11400	0.019		
11460	0.017		
11520	0.012		
11580	0.01		
11640	0.011		
11700	0.011		
11760	0.012		
11820	0.013		
11880	0.011		
11940	0.01		
12000	0.011		
12060	0.022		
12120	0.023		
12180	0.025		
12240	0.016		
12300	0.011		
12360	0.009		
12420	0.009		
12480	0.009		
12540	0.009		
12600	0.015		
12660	0.016		
12720	0.012		
12780	0.012		
12840	0.012		
12900	0.017		

12960	0.013		
13020	0.014		
13080	0.014		
13140	0.012		
13200	0.012		
13260	0.013		
13320	0.014		
13380	0.009		
13440	0.009		
13500	0.015		
13560	0.013		
13620	0.01		
13680	0.011		
13740	0.01		
13800	0.01		
13860	0.009		
13920	0.01		
13980	0.01		
14040	0.01		
14100	0.01		
14160	0.012		
14220	0.01		
14280	0.01		
14340	0.011		
14400	0.014		
14460	0.013		
14520	0.014		
14580	0.011		
14640	0.011		
14700	0.021		
14760	0.033		
14820	0.032		
14880	0.012		
14940	0.014		
15000	0.041		
15060	0.038		
15120	0.039		
15180	0.027		
15240	0.019		
15300	0.017		
15360	0.024		
15420	0.021		
15480	0.019		
15540	0.027		
15600	0.017		
15660	0.016		
15720	0.015		

15780	0.018		
15840	0.015		
15900	0.015		
15960	0.016		
16020	0.025		
16080	0.036		
16140	0.026		
16200	0.014		
16260	0.015		
16320	0.018		
16380	0.015		
16440	0.014		
16500	0.031		
16560	0.014		
16620	0.013		
16680	0.016		
16740	0.017		
16800	0.016		
16860	0.018		
16920	0.014		
16980	0.012		
17040	0.012		
17100	0.013		

Notes:

All reported units are milligrams per cubic meter (mg/m3)

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530171209
 Firmware Version 3.1
 Calibration Date 8/16/2021
 Test Name MANUAL_002
 Test Start Time 7:17:11 AM
 Test Start Date 11/30/2021
 Test Length [D:H:M] 0:05:04
 Test Interval [M:S] 1:00
 Mass Average [mg/m3] 0.024
 Mass Minimum [mg/m3] 0.006
 Mass Maximum [mg/m3] 0.073
 Mass TWA [mg/m3] 0.015
 Photometric User Cal 1
 Flow User Cal 0
 Errors Flow Error
 Number of Samples 304

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.032		
120	0.031		
180	0.033		
240	0.032		
300	0.031		
360	0.031		
420	0.031		
480	0.03		
540	0.028		
600	0.028		
660	0.028		
720	0.029		
780	0.029		
840	0.032		
900	0.03		
960	0.028		
1020	0.027		
1080	0.027		
1140	0.03		
1200	0.033		
1260	0.032		
1320	0.033		
1380	0.032		
1440	0.032		
1500	0.032		
1560	0.032		
1620	0.032		

1680	0.031		
1740	0.026		
1800	0.025		
1860	0.027		
1920	0.024		
1980	0.022		
2040	0.022		
2100	0.021		
2160	0.02		
2220	0.021		
2280	0.02		
2340	0.02		
2400	0.02		
2460	0.02		
2520	0.019		
2580	0.02		
2640	0.02		
2700	0.02		
2760	0.021		
2820	0.02		
2880	0.02		
2940	0.021		
3000	0.02		
3060	0.021		
3120	0.021		
3180	0.021		
3240	0.02		
3300	0.021		
3360	0.021		
3420	0.023		
3480	0.024		
3540	0.024		
3600	0.024		
3660	0.023		
3720	0.022		
3780	0.023		
3840	0.023		
3900	0.024		
3960	0.024		
4020	0.024		
4080	0.024		
4140	0.024		
4200	0.024		
4260	0.022		
4320	0.021		
4380	0.02		
4440	0.02		

4500	0.02		
4560	0.022		
4620	0.021		
4680	0.021		
4740	0.022		
4800	0.022		
4860	0.022		
4920	0.021		
4980	0.02		
5040	0.021		
5100	0.021		
5160	0.022		
5220	0.023		
5280	0.023		
5340	0.023		
5400	0.024		
5460	0.024		
5520	0.023		
5580	0.024		
5640	0.025		
5700	0.022		
5760	0.022		
5820	0.023		
5880	0.023		
5940	0.023		
6000	0.023		
6060	0.024		
6120	0.024		
6180	0.022		
6240	0.024		
6300	0.024		
6360	0.024		
6420	0.023		
6480	0.023		
6540	0.023		
6600	0.022		
6660	0.021		
6720	0.022		
6780	0.022		
6840	0.023		
6900	0.023		
6960	0.022		
7020	0.027		
7080	0.026		
7140	0.024		
7200	0.023		
7260	0.023		

7320	0.025		
7380	0.024		
7440	0.026		
7500	0.029		
7560	0.026		
7620	0.026		
7680	0.026		
7740	0.024		
7800	0.025		
7860	0.025		
7920	0.025		
7980	0.026		
8040	0.025		
8100	0.024		
8160	0.026		
8220	0.036		
8280	0.051		
8340	0.03		
8400	0.026		
8460	0.026		
8520	0.028		
8580	0.025		
8640	0.025		
8700	0.024		
8760	0.024		
8820	0.024		
8880	0.024		
8940	0.025		
9000	0.025		
9060	0.024		
9120	0.023		
9180	0.023		
9240	0.023		
9300	0.025		
9360	0.023		
9420	0.023		
9480	0.023		
9540	0.024		
9600	0.023		
9660	0.024		
9720	0.023		
9780	0.024		
9840	0.023		
9900	0.023		
9960	0.024		
10020	0.022		
10080	0.023		

10140	0.023		
10200	0.023		
10260	0.025		
10320	0.026		
10380	0.025		
10440	0.025		
10500	0.026		
10560	0.026		
10620	0.026		
10680	0.023		
10740	0.024		
10800	0.024		
10860	0.025		
10920	0.025		
10980	0.023		
11040	0.02		
11100	0.022		
11160	0.022		
11220	0.02		
11280	0.019		
11340	0.02		
11400	0.02		
11460	0.02		
11520	0.021		
11580	0.022		
11640	0.022		
11700	0.02		
11760	0.021		
11820	0.02		
11880	0.019		
11940	0.02		
12000	0.02		
12060	0.019		
12120	0.019		
12180	0.018		
12240	0.019		
12300	0.019		
12360	0.019		
12420	0.02		
12480	0.021		
12540	0.022		
12600	0.021		
12660	0.021		
12720	0.023		
12780	0.032		
12840	0.026		
12900	0.021		

12960	0.02		
13020	0.02		
13080	0.025		
13140	0.025		
13200	0.03		
13260	0.04		
13320	0.025		
13380	0.026		
13440	0.023		
13500	0.022		
13560	0.023		
13620	0.026		
13680	0.025		
13740	0.027		
13800	0.048		
13860	0.029		
13920	0.031		
13980	0.026		
14040	0.025		
14100	0.025		
14160	0.023		
14220	0.029		
14280	0.05		
14340	0.073		
14400	0.027		
14460	0.02		
14520	0.02		
14580	0.024		
14640	0.037		
14700	0.03		
14760	0.028		
14820	0.022		
14880	0.02		
14940	0.026		
15000	0.026		
15060	0.018		
15120	0.025		
15180	0.029		
15240	0.037		
15300	0.047		
15360	0.029		
15420	0.019		
15480	0.023		
15540	0.019		
15600	0.018		
15660	0.018		
15720	0.021		

15780	0.023		
15840	0.022		
15900	0.024		
15960	0.022		
16020	0.023		
16080	0.026		
16140	0.025		
16200	0.02		
16260	0.02		
16320	0.019		
16380	0.02		
16440	0.02		
16500	0.02		
16560	0.02		
16620	0.036		
16680	0.033		
16740	0.029		
16800	0.026		
16860	0.024		
16920	0.025		
16980	0.023		
17040	0.024		
17100	0.025		
17160	0.024		
17220	0.023		
17280	0.023		
17340	0.024		
17400	0.022		
17460	0.02		
17520	0.019		Flow Error
17580	0.014		Flow Error
17640	0.021		Flow Error
17700	0.016		Flow Error
17760	0.021		Flow Error
17820	0.013		Flow Error
17880	0.014		Flow Error
17940	0.006		Flow Error
18000	0.044		Flow Error
18060	0.016		Flow Error
18120	0.016		Flow Error
18180	0.008		Flow Error
18240	0.007		Flow Error

Notes:

All reported units are milligrams per cubic meter (mg/m³)

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530141715
 Firmware Version 3.1
 Calibration Date 7/31/2021
 Test Name MANUAL_002
 Test Start Time 7:23:53 AM
 Test Start Date 11/30/2021
 Test Length [D:H:M] 0:05:23
 Test Interval [M:S] 1:00
 Mass Average [mg/m3] 0.029
 Mass Minimum [mg/m3] 0.02
 Mass Maximum [mg/m3] 0.243
 Mass TWA [mg/m3] 0.02
 Photometric User Cal 1
 Flow User Cal 0
 Errors
 Number of Samples 323

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.031		
120	0.032		
180	0.031		
240	0.03		
300	0.03		
360	0.03		
420	0.029		
480	0.029		
540	0.029		
600	0.031		
660	0.032		
720	0.035		
780	0.032		
840	0.03		
900	0.03		
960	0.032		
1020	0.032		
1080	0.053		
1140	0.039		
1200	0.035		
1260	0.033		
1320	0.033		
1380	0.034		
1440	0.034		
1500	0.032		
1560	0.031		
1620	0.028		

1680	0.027		
1740	0.027		
1800	0.026		
1860	0.023		
1920	0.023		
1980	0.022		
2040	0.023		
2100	0.022		
2160	0.022		
2220	0.021		
2280	0.022		
2340	0.023		
2400	0.021		
2460	0.021		
2520	0.02		
2580	0.021		
2640	0.021		
2700	0.022		
2760	0.022		
2820	0.023		
2880	0.023		
2940	0.026		
3000	0.023		
3060	0.023		
3120	0.022		
3180	0.022		
3240	0.022		
3300	0.022		
3360	0.024		
3420	0.022		
3480	0.022		
3540	0.023		
3600	0.024		
3660	0.025		
3720	0.024		
3780	0.023		
3840	0.023		
3900	0.023		
3960	0.023		
4020	0.024		
4080	0.022		
4140	0.021		
4200	0.02		
4260	0.021		
4320	0.021		
4380	0.02		
4440	0.02		

4500	0.02		
4560	0.02		
4620	0.02		
4680	0.02		
4740	0.02		
4800	0.02		
4860	0.022		
4920	0.021		
4980	0.023		
5040	0.023		
5100	0.022		
5160	0.021		
5220	0.022		
5280	0.023		
5340	0.022		
5400	0.022		
5460	0.022		
5520	0.022		
5580	0.023		
5640	0.023		
5700	0.025		
5760	0.024		
5820	0.024		
5880	0.023		
5940	0.026		
6000	0.023		
6060	0.023		
6120	0.023		
6180	0.022		
6240	0.021		
6300	0.02		
6360	0.02		
6420	0.022		
6480	0.023		
6540	0.024		
6600	0.023		
6660	0.023		
6720	0.023		
6780	0.025		
6840	0.024		
6900	0.023		
6960	0.023		
7020	0.024		
7080	0.029		
7140	0.028		
7200	0.032		
7260	0.027		

7320	0.026		
7380	0.028		
7440	0.029		
7500	0.028		
7560	0.029		
7620	0.027		
7680	0.024		
7740	0.026		
7800	0.026		
7860	0.026		
7920	0.025		
7980	0.024		
8040	0.024		
8100	0.025		
8160	0.024		
8220	0.024		
8280	0.025		
8340	0.025		
8400	0.025		
8460	0.024		
8520	0.022		
8580	0.024		
8640	0.025		
8700	0.023		
8760	0.024		
8820	0.023		
8880	0.024		
8940	0.024		
9000	0.024		
9060	0.024		
9120	0.025		
9180	0.023		
9240	0.024		
9300	0.025		
9360	0.024		
9420	0.024		
9480	0.025		
9540	0.024		
9600	0.026		
9660	0.025		
9720	0.027		
9780	0.023		
9840	0.026		
9900	0.024		
9960	0.034		
10020	0.033		
10080	0.026		

10140	0.026		
10200	0.026		
10260	0.028		
10320	0.028		
10380	0.027		
10440	0.021		
10500	0.021		
10560	0.021		
10620	0.022		
10680	0.024		
10740	0.024		
10800	0.024		
10860	0.025		
10920	0.025		
10980	0.024		
11040	0.023		
11100	0.023		
11160	0.022		
11220	0.022		
11280	0.022		
11340	0.023		
11400	0.024		
11460	0.02		
11520	0.02		
11580	0.02		
11640	0.02		
11700	0.02		
11760	0.02		
11820	0.02		
11880	0.02		
11940	0.02		
12000	0.021		
12060	0.021		
12120	0.023		
12180	0.024		
12240	0.031		
12300	0.024		
12360	0.027		
12420	0.033		
12480	0.028		
12540	0.084		
12600	0.038		
12660	0.034		
12720	0.032		
12780	0.035		
12840	0.043		
12900	0.061		

12960	0.03		
13020	0.021		
13080	0.024		
13140	0.026		
13200	0.024		
13260	0.028		
13320	0.026		
13380	0.031		
13440	0.068		
13500	0.093		
13560	0.064		
13620	0.036		
13680	0.029		
13740	0.03		
13800	0.026		
13860	0.027		
13920	0.096		
13980	0.122		
14040	0.243	1	
14100	0.151	1	
14160	0.05		
14220	0.048		
14280	0.068		
14340	0.072		
14400	0.04		
14460	0.031		
14520	0.025		
14580	0.021		
14640	0.022		
14700	0.022		
14760	0.037		
14820	0.034		
14880	0.027		
14940	0.032		
15000	0.08		
15060	0.054		
15120	0.029		
15180	0.027		
15240	0.02		
15300	0.03		
15360	0.022		
15420	0.037		
15480	0.037		
15540	0.022		
15600	0.028		
15660	0.025		
15720	0.045		

15780	0.04		
15840	0.044		
15900	0.074		
15960	0.103		
16020	0.069		
16080	0.029		
16140	0.022		
16200	0.024		
16260	0.025		
16320	0.035		
16380	0.043		
16440	0.027		
16500	0.023		
16560	0.026		
16620	0.032		
16680	0.023		
16740	0.027		
16800	0.043		
16860	0.027		
16920	0.044		
16980	0.031		
17040	0.023		
17100	0.022		
17160	0.024		
17220	0.024		
17280	0.023		
17340	0.024		
17400	0.029		
17460	0.026		
17520	0.025		
17580	0.028		
17640	0.029		
17700	0.042		
17760	0.035		
17820	0.024		
17880	0.026		
17940	0.022		
18000	0.028		
18060	0.023		
18120	0.022		
18180	0.022		
18240	0.021		
18300	0.024		
18360	0.022		
18420	0.022		
18480	0.024		
18540	0.022		

18600	0.021		
18660	0.021		
18720	0.023		
18780	0.023		
18840	0.022		
18900	0.022		
18960	0.022		
19020	0.026		
19080	0.028		
19140	0.026		
19200	0.025		
19260	0.024		
19320	0.024		
19380	0.024		

Notes:

All reported units are milligrams per cubic meter (mg/m³)

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530141715
 Firmware Version 3.1
 Calibration Date 7/31/2021
 Test Name MANUAL_001
 Test Start Time 8:04:20 AM
 Test Start Date 12/3/2021
 Test Length [D:H:M] 0:03:45
 Test Interval [M:S] 15:00
 Mass Average [mg/m3] 0.009
 Mass Minimum [mg/m3] 0.003
 Mass Maximum [mg/m3] 0.036
 Mass TWA [mg/m3] 0.004
 Photometric User Cal 1
 Flow User Cal 0
 Errors
 Number of Samples 15

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.005		
1800	0.005		
2700	0.004		
3600	0.004		
4500	0.003		
5400	0.003		
6300	0.009		
7200	0.003		
8100	0.004		
9000	0.003		
9900	0.003		
10800	0.005		
11700	0.024		
12600	0.036		
13500	0.023		

Notes:

All reported units are milligrams per cubic meter (mg/m³)

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530171209
 Firmware Version 3.1
 Calibration Date 8/16/2021
 Test Name MANUAL_002
 Test Start Time 8:14:59 AM
 Test Start Date 12/3/2021
 Test Length [D:H:M] 0:03:30
 Test Interval [M:S] 15:00
 Mass Average [mg/m3] 0.007
 Mass Minimum [mg/m3] 0
 Mass Maximum [mg/m3] 0.04
 Mass TWA [mg/m3] 0.003
 Photometric User Cal 1
 Flow User Cal 0
 Errors
 Number of Samples 14

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.004		
1800	0.001		
2700	0		
3600	0		
4500	0		
5400	0.001		
6300	0		
7200	0.004		
8100	0		
9000	0		
9900	0.004		
10800	0.027		
11700	0.04		
12600	0.018		
20			
2400	0.02		
2460	0.02		
2520	0.019		
2580	0.02		
2640	0.02		
2700	0.02		
2760	0.021		
2820	0.02		
2880	0.02		
2940	0.021		
3000	0.02		
3060	0.021		

3120	0.021		
3180	0.021		
3240	0.02		
3300	0.021		
3360	0.021		
3420	0.023		
3480	0.024		
3540	0.024		
3600	0.024		
3660	0.023		
3720	0.022		
3780	0.023		
3840	0.023		
3900	0.024		
3960	0.024		
4020	0.024		
4080	0.024		
4140	0.024		
4200	0.024		
4260	0.022		
4320	0.021		
4380	0.02		
4440	0.02		
4500	0.02		
4560	0.022		
4620	0.021		
4680	0.021		
4740	0.022		
4800	0.022		
4860	0.022		
4920	0.021		
4980	0.02		
5040	0.021		
5100	0.021		
5160	0.022		
5220	0.023		
5280	0.023		
5340	0.023		
5400	0.024		
5460	0.024		
5520	0.023		
5580	0.024		
5640	0.025		
5700	0.022		
5760	0.022		
5820	0.023		
5880	0.023		

5940	0.023		
6000	0.023		
6060	0.024		
6120	0.024		
6180	0.022		
6240	0.024		
6300	0.024		
6360	0.024		
6420	0.023		
6480	0.023		
6540	0.023		
6600	0.022		
6660	0.021		
6720	0.022		
6780	0.022		
6840	0.023		
6900	0.023		
6960	0.022		
7020	0.027		
7080	0.026		
7140	0.024		
7200	0.023		
7260	0.023		
7320	0.025		
7380	0.024		
7440	0.026		
7500	0.029		
7560	0.026		
7620	0.026		
7680	0.026		
7740	0.024		
7800	0.025		
7860	0.025		
7920	0.025		
7980	0.026		
8040	0.025		
8100	0.024		
8160	0.026		
8220	0.036		
8280	0.051		
8340	0.03		
8400	0.026		
8460	0.026		
8520	0.028		
8580	0.025		
8640	0.025		
8700	0.024		

8760	0.024		
8820	0.024		
8880	0.024		
8940	0.025		
9000	0.025		
9060	0.024		
9120	0.023		
9180	0.023		
9240	0.023		
9300	0.025		
9360	0.023		
9420	0.023		
9480	0.023		
9540	0.024		
9600	0.023		
9660	0.024		
9720	0.023		
9780	0.024		
9840	0.023		
9900	0.023		
9960	0.024		
10020	0.022		
10080	0.023		
10140	0.023		
10200	0.023		
10260	0.025		
10320	0.026		
10380	0.025		
10440	0.025		
10500	0.026		
10560	0.026		
10620	0.026		
10680	0.023		
10740	0.024		
10800	0.024		
10860	0.025		
10920	0.025		
10980	0.023		
11040	0.02		
11100	0.022		
11160	0.022		
11220	0.02		
11280	0.019		
11340	0.02		
11400	0.02		
11460	0.02		
11520	0.021		

11580	0.022		
11640	0.022		
11700	0.02		
11760	0.021		
11820	0.02		
11880	0.019		
11940	0.02		
12000	0.02		
12060	0.019		
12120	0.019		
12180	0.018		
12240	0.019		
12300	0.019		
12360	0.019		
12420	0.02		
12480	0.021		
12540	0.022		
12600	0.021		
12660	0.021		
12720	0.023		
12780	0.032		
12840	0.026		
12900	0.021		
12960	0.02		
13020	0.02		
13080	0.025		
13140	0.025		
13200	0.03		
13260	0.04		
13320	0.025		
13380	0.026		
13440	0.023		
13500	0.022		
13560	0.023		
13620	0.026		
13680	0.025		
13740	0.027		
13800	0.048		
13860	0.029		
13920	0.031		
13980	0.026		
14040	0.025		
14100	0.025		
14160	0.023		
14220	0.029		
14280	0.05		
14340	0.073		

14400	0.027		
14460	0.02		
14520	0.02		
14580	0.024		
14640	0.037		
14700	0.03		
14760	0.028		
14820	0.022		
14880	0.02		
14940	0.026		
15000	0.026		
15060	0.018		
15120	0.025		
15180	0.029		
15240	0.037		
15300	0.047		
15360	0.029		
15420	0.019		
15480	0.023		
15540	0.019		
15600	0.018		
15660	0.018		
15720	0.021		
15780	0.023		
15840	0.022		
15900	0.024		
15960	0.022		
16020	0.023		
16080	0.026		
16140	0.025		
16200	0.02		
16260	0.02		
16320	0.019		
16380	0.02		
16440	0.02		
16500	0.02		
16560	0.02		
16620	0.036		
16680	0.033		
16740	0.029		
16800	0.026		
16860	0.024		
16920	0.025		
16980	0.023		
17040	0.024		
17100	0.025		
17160	0.024		

17220	0.023		
17280	0.023		
17340	0.024		
17400	0.022		
17460	0.02		
17520	0.019		Flow Error
17580	0.014		Flow Error
17640	0.021		Flow Error
17700	0.016		Flow Error
17760	0.021		Flow Error
17820	0.013		Flow Error
17880	0.014		Flow Error
17940	0.006		Flow Error
18000	0.044		Flow Error
18060	0.016		Flow Error
18120	0.016		Flow Error
18180	0.008		Flow Error
18240	0.007		Flow Error

Notes:

All reported units are milligrams per cubic meter (mg/m³)

Appendix C
Soil Boring and Monitoring Well Construction Logs



1430 Broadway
New York/NY 10018

BORING NUMBER: **TRC-SB-02-E**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	4
Project Location:	42-24 Orchard Street, Queens, New York 11101	Hole Diameter:	2
Project Number:	460578	Date Started:	12/2/21
Client:	BLDG Orchard, LLC.	Date Completed:	12/2/21
TRC Eng./Geol.:	R. Bowden/ B. Schlaff	Coordinate System:	
Checked By:	E. Ebert	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	NA
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling
Driller(s):	Sergio Magana	DATE	12/2/2021
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	1
Equipment/Model:	Geoprobe 420M	REFERENCE	Slab
Sampler:	Macrocore	STABILIZATION	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC- SB-02-E (0-2)		2.0	2.0		1'- 2' (SP) Dark gray m SAND, ltl f gravel, ltl silt, mild petroleum odor, dark gray staining, wet	
						2'- 4' (SP-SM) Dark gray m SAND, ltl silt, mild petroleum odor, dark gray staining, wet	
			2.0	2.0			
						Bedrock refusal at 4.0 feet. Bottom of borehole at 4.0 feet.	
Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.							

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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1430 Broadway
New York/NY 10018

BORING NUMBER: **TRC-SB-02-N1**
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PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	2.5	Hole Diameter:	2
Project Location:	42-24 Orchard Street, Queens, New York 11101	Date Started:	12/2/21	Date Completed:	12/2/21
Project Number:	460578	Coordinate System:			
Client:	BLDG Orchard, LLC.	North:	Not Surveyed	East:	Not Surveyed
TRC Eng./Geol:	R. Bowden/ B. Schlaff	Vertical Datum:	NA	Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	Sergio Magana	DATE	12/2/2021		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	1		
Equipment/Model:	Geoprobe 420M	REFERENCE	Slab		
Sampler:	Macrocore	STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC-SB-02-N1 (0-2)		2.0	2.0		1'- 2.5' (SP) Dark gray m SAND, some f gravel, ltl silt, moderate petroleum odor, dark gray staining, wet	
			0.5	0.5			

Bedrock refusal at 2.5 feet.
Bottom of borehole at 2.5 feet.

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING NUMBER: **TRC-SB-02-N2**

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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	3
Project Location:	42-24 Orchard Street, Queens, New York 11101	Hole Diameter:	2
Project Number:	460578	Date Started:	12/3/21
Client:	BLDG Orchard, LLC.	Date Completed:	12/3/21
TRC Eng./Geol:	R. Bowden/ B. Schlaff	Coordinate System:	
Checked By:	E. Ebert	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	NA
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	Sergio Magana	DATE	12/3/2021		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	1		
Equipment/Model:	Geoprobe 420M	REFERENCE	Slab		
Sampler:	Macrocore	STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	MOI SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	2 4 6 8
	TRC- SB-02- N2 (0- 2)		2.0	2.0		1'- 3' (SP) Dark gray m SAND, some f gravel, ltl silt, mild petroleum odor, dark gray staining, wet	
			1.0	1.0			

Bedrock refusal at 3.0 feet.
Bottom of borehole at 3.0 feet.

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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New York/NY 10018

BORING NUMBER: **TRC-SB-02-S1**
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PROJECT INFORMATION				BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation				Boring Depth: 2 Hole Diameter: 2			
Project Location: 42-24 Orchard Street, Queens, New York 11101				Date Started: 12/2/21 Date Completed: 12/2/21			
Project Number: 460578				Coordinate System:			
Client: BLDG Orchard, LLC.				North: Not Surveyed East: Not Surveyed			
TRC Eng./Geol: R. Bowden/ B. Schlaff				Vertical Datum: NA Ground Elevation: Not Surveyed			
Checked By: E. Ebert							
DRILLING INFORMATION				GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO				MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s): Sergio Magana				DATE	12/2/2021		
Drilling Method: Geoprobe				DEPTH (ft.bgs.)	1		
Equipment/Model: Geoprobe 420M				REFERENCE	Slab		
Sampler: Macrocore				STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC- SB-02- S1 (0 - 2)		2.0	2.0		1'- 2' (SP) Dark gray m SAND, ltl f gravel, ltl silt, mild petroleum odor, dark gray staining, wet	
						Bedrock refusal at 2.0 feet. Bottom of borehole at 2.0 feet.	

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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New York/NY 10018

BORING NUMBER: **TRC-SB-02-S2**
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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	3
Project Location:	42-24 Orchard Street, Queens, New York 11101	Hole Diameter:	2
Project Number:	460578	Date Started:	12/2/21
Client:	BLDG Orchard, LLC.	Date Completed:	12/2/21
TRC Eng./Geol.:	R. Bowden/ B. Schlaff	Coordinate System:	
Checked By:	E. Ebert	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	NA
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	Sergio Magana	DATE	12/2/2021		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	1		
Equipment/Model:	Geoprobe 420M	REFERENCE	Slab		
Sampler:	Macrocore	STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	MOOC SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC-SB-02-S2 (1-2)		2.0	2.0		1'- 2' (SP) Dark gray m SAND, some f gravel, ltl silt, NO, dark gray staining, wet	
						2'- 3' (SP-SM) Dark gray m SAND, some silt, NO, dark gray staining, wet	
			1.0	1.0			
						Bedrock refusal at 3.0 feet. Bottom of borehole at 3.0 feet.	

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.



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BORING NUMBER: **TRC-SB-02-W**
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PROJECT INFORMATION						BORING INFORMATION				
Project Name: Orchard Street Remedial Investigation						Boring Depth: 1.5 Hole Diameter: 2				
Project Location: 42-24 Orchard Street, Queens, New York 11101						Date Started: 12/2/21 Date Completed: 12/2/21				
Project Number: 460578						Coordinate System: _____				
Client: BLDG Orchard, LLC.						North: Not Surveyed East: Not Surveyed				
TRC Eng./Geol: R. Bowden/ B. Schlaff						Vertical Datum: NA Ground Elevation: Not Surveyed				
Checked By: E. Ebert										
DRILLING INFORMATION						GROUND WATER OBSERVATIONS				
Drilling Contractor: AARCO						MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling	
Driller(s): Sergio Magana						DATE	12/2/2021			
Drilling Method: Geoprobe						DEPTH (ft.bgs.)	1			
Equipment/Model: Geoprobe 420M						REFERENCE	Slab			
Sampler: Macrocore						STABILIZATION				
DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION				MOI SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry				
	TRC-SB-02-W(0-2)		1.5	1.5		1'- 1.5' (SP) Dark gray m SAND, ltl f gravel, ltl silt, mild petroleum odor, dark gray staining, wet				
						Bedrock refusal at 1.5 feet. Bottom of borehole at 1.5 feet.				
Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.										

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING NUMBER: **TRC-SB-10-E1**
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PROJECT INFORMATION						BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation						Boring Depth: 2 Hole Diameter: 2			
Project Location: 42-24 Orchard Street, Queens, New York 11101						Date Started: 12/2/21 Date Completed: 12/2/21			
Project Number: 460578						Coordinate System: _____			
Client: BLDG Orchard, LLC.						North: Not Surveyed East: Not Surveyed			
TRC Eng./Geol: R. Bowden/ B. Schlaff						Vertical Datum: NA Ground Elevation: Not Surveyed			
Checked By: E. Ebert									
DRILLING INFORMATION						GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO						MEASUREMENT	▽ At Time of Drilling	▽ At End of Drilling	▽ After Drilling
Driller(s): Sergio Magana						DATE	12/2/2021		
Drilling Method: Geoprobe						DEPTH (ft.bgs.)	1		
Equipment/Model: Geoprobe 420M						REFERENCE	Slab		
Sampler: Macrocore						STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC- SB-10- E1 (0-2)		2.0	2.0		1'- 2' (GPS) Dark gray f gravel, some m sand, ltl silt, moderate petroleum odor, dark gray staining, wet	

Bedrock refusal at 2.0 feet.
Bottom of borehole at 2.0 feet.

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING NUMBER: **TRC-SB-10-E2**

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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	2
Project Location:	42-24 Orchard Street, Queens, New York 11101	Date Started:	12/2/21
Project Number:	460578	Date Completed:	12/2/21
Client:	BLDG Orchard, LLC.	Coordinate System:	
TRC Eng./Geol.:	R. Bowden/ B. Schlaff	North:	Not Surveyed
Checked By:	E. Ebert	Vertical Datum:	NA
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling
Driller(s):	Sergio Magana	DATE	12/2/2021
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	1
Equipment/Model:	Geoprobe 420M	REFERENCE	Slab
Sampler:	Macrocore	STABILIZATION	N/A

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	NO SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC-SB-10-E2 (0-2)		2.0	2.0		1'- 2' (SP) Dark gray m SAND, ltl f gravel, ltl silt, moderate petroleum odor, dark gray staining, wet	

Bedrock refusal at 2.0 feet.
Bottom of borehole at 2.0 feet.

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING NUMBER: **TRC-SB-10-N**
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PROJECT INFORMATION						BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation						Boring Depth: 2.5 Hole Diameter: 2			
Project Location: 42-24 Orchard Street, Queens, New York 11101						Date Started: 12/2/21 Date Completed: 12/2/21			
Project Number: 460578						Coordinate System: _____			
Client: BLDG Orchard, LLC.						North: Not Surveyed East: Not Surveyed			
TRC Eng./Geol: R. Bowden/ B. Schlaff						Vertical Datum: NA Ground Elevation: Not Surveyed			
Checked By: E. Ebert									
DRILLING INFORMATION						GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO						MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s): Sergio Magana						DATE	12/2/2021		
Drilling Method: Geoprobe						DEPTH (ft.bgs.)	1		
Equipment/Model: Geoprobe 420M						REFERENCE	Slab		
Sampler: Macrocore						STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC-SB-10-N (0-2)		2.0	2.0		1'- 2.5' (SP) Dark gray m sand, some f gravel, ltl silt, strong petroleum odor, dark gray staining, wet	
			0.5	0.5			
Bedrock refusal at 2.5 feet. Bottom of borehole at 2.5 feet.							

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl = little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING NUMBER: **TRC-SB-10-S1**
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PROJECT INFORMATION						BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation						Boring Depth: 2 Hole Diameter: 2			
Project Location: 42-24 Orchard Street, Queens, New York 11101						Date Started: 12/2/21 Date Completed: 12/2/21			
Project Number: 460578						Coordinate System: _____			
Client: BLDG Orchard, LLC.						North: Not Surveyed East: Not Surveyed			
TRC Eng./Geol: R. Bowden/ B. Schlaff						Vertical Datum: NA Ground Elevation: Not Surveyed			
Checked By: E. Ebert									
DRILLING INFORMATION						GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO						MEASUREMENT	▽ At Time of Drilling	▽ At End of Drilling	▽ After Drilling
Driller(s): Sergio Magana						DATE	12/2/2021		
Drilling Method: Geoprobe						DEPTH (ft.bgs.)	1		
Equipment/Model: Geoprobe 420M						REFERENCE	Slab		
Sampler: Macrocore						STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	NO SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC-SB-10-S1 (0-2)		2.0	2.0		1'- 2' (SP) Dark gray m SAND, some f gravel, ltl silt, strong petroleum odor, dark gray staining, wet	

Bedrock refusal at 2.0 feet.
Bottom of borehole at 2.0 feet.

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING NUMBER: **TRC-SB-10-S2**
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PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	2.5	Hole Diameter:	2
Project Location:	42-24 Orchard Street, Queens, New York 11101	Date Started:	12/2/21	Date Completed:	12/2/21
Project Number:	460578	Coordinate System:			
Client:	BLDG Orchard, LLC.	North:	Not Surveyed	East:	Not Surveyed
TRC Eng./Geol:	R. Bowden/ B. Schlaff	Vertical Datum:	NA	Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	Sergio Magana	DATE	12/2/2021		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	1		
Equipment/Model:	Geoprobe 420M	REFERENCE	Slab		
Sampler:	Macrocore	STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC-SB-10-S2 (0-2)		2.0	2.0		1'- 2.5' (GP) Dark gray f GRAVEL, some m sand, ltl silt, moderate petroleum odor, dark gray staining, wet	
			0.5	0.5			

Bedrock refusal at 2.5 feet.
Bottom of borehole at 2.5 feet.

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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New York/NY 10018

BORING NUMBER: **TRC-SB-10-S3**

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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	5.5
Project Location:	42-24 Orchard Street, Queens, New York 11101	Hole Diameter:	2
Project Number:	460578	Date Started:	12/2/21
Client:	BLDG Orchard, LLC.	Date Completed:	12/2/21
TRC Eng./Geol.:	R. Bowden/ B. Schlaff	Coordinate System:	
Checked By:	E. Ebert	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	NA
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling
Driller(s):	Sergio Magana	DATE	12/2/2021
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	1
Equipment/Model:	Geoprobe 420M	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	N/A

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC-SB-10-S3 (0-2)		2.0	2.0		1'- 3' (GP) Dark gray f GRAVEL, ltl m sand, ltl silt, mild petroleum odor, dark gray staining, wet	
			2.0	2.0		3- 5.5' (ML) Dark gray SILT, some m sand, ltl f gravel, mild petroleum odor, dark gray staining, wet	
			1.5	1.5			

Bedrock refusal at 5.5 feet.
Bottom of borehole at 5.5 feet.

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Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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1430 Broadway
New York/NY 10018

BORING NUMBER: **TRC-SB-10-W**
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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	3
Project Location:	42-24 Orchard Street, Queens, New York 11101	Hole Diameter:	2
Project Number:	460578	Date Started:	12/2/21
Client:	BLDG Orchard, LLC.	Date Completed:	12/2/21
TRC Eng./Geol.:	R. Bowden/ B. Schlaff	Coordinate System:	
Checked By:	E. Ebert	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	NA
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling
Driller(s):	Sergio Magana	DATE	12/2/2021
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	1
Equipment/Model:	Geoprobe 420M	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	N/A

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 1' Concrete, NO, NS, dry	
	TRC- SB-10- W(0-2)		2.0	2.0		1'- 3' (SP) Dark gray m SAND, ltl f gravel, ltl silt, moderate petroleum odor, dark gray staining, wet	
			1.0	1.0			

Bedrock refusal at 3.0 feet.
Bottom of borehole at 3.0 feet.

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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1430 Broadway
New York/NY 10018

BORING NUMBER: **TRC-SB-11-E**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	14	Hole Diameter:	2
Project Location:	42-24 Orchard Street, Queens, New York 11101	Date Started:	12/1/21	Date Completed:	12/1/21
Project Number:	460578	Coordinate System:			
Client:	BLDG Orchard, LLC.	North:	Not Surveyed	East:	Not Surveyed
TRC Eng./Geol:	R. Bowden/ B. Schlaff	Vertical Datum:	NA	Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				
DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	AARCO	MEASUREMENT	📏 At Time of Drilling	📏 At End of Drilling	📏 After Drilling
Driller(s):	Sergio Magana	DATE	12/1/2021		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	6.5		
Equipment/Model:	Geoprobe 7822DT	REFERENCE	Ground Surface		
Sampler:	Macrocore	STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	LOC SCREENING RESULTS (ppm)
						0- 0.5' Concrete, NO, NS, dry	2 4 6 8
						0.5- 1' (SW-SM) Grayish brown f-m SAND, ltl silt, tr f gravel, NO, NS, dry	
						1- 1.25' FILL (pulverized rock fragments), NO, NS, dry	
						1.25- 3' (SW-SM) Reddish brown f SAND, ltl c sand, ltl silt, tr f gravel, NO, NS, moist	
	TRC-SB-11-E (0-2)		5.0	3.0			
						5- 6.5' (SW) Yellowish brown f SAND, ltl c sand, ltl silt, tr f gravel, NO, NS, moist	
	TRC-SB-11-E (4-6), TRC-SB-11-E (8-10)		5.0	5.0		6.5- 7' (SW) Yellowish brown f SAND, ltl c sand, ltl silt, tr f gravel, NO, NS, wet	
						7- 8' (ML) Dark grayish SILT, ltl brown f SAND, NO, NS, wet	
						8- 10' (SW-SM) Dark grayish brown f-m SAND, some silt, NO, NS, wet	
10							
						10- 13' (SW-SM) Yellowish brown f-m SAND, ltl silt, tr f gravel, NO, NS, wet	
			4.0	4.0		13- 14' (SW-SM) Yellowish brown f-m SAND, ltl silt, tr f gravel, NO, NS, wet	
						Bedrock refusal at 14.0 feet. Bottom of borehole at 14.0 feet.	

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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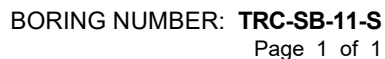
BORING NUMBER: **TRC-SB-11-N**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation		Boring Depth: 13		Hole Diameter: 2	
Project Location: 42-24 Orchard Street, Queens, New York 11101		Date Started: 12/1/21		Date Completed: 12/1/21	
Project Number: 460578		Coordinate System: _____			
Client: BLDG Orchard, LLC.		North: Not Surveyed		East: Not Surveyed	
TRC Eng./Geol: R. Bowden/ B. Schlaff		Vertical Datum: NA		Ground Elevation: Not Surveyed	
Checked By: E. Ebert					
DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO		MEASUREMENT	▼ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
Driller(s): Sergio Magana		DATE	12/1/2021		
Drilling Method: Geoprobe		DEPTH (ft.bgs.)	7		
Equipment/Model: Geoprobe 7822DT		REFERENCE	Ground Surface		
Sampler: Macrocore		STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 0.5' Concrete and pulverized concrete fragments, NO, NS, dry	
						0.5- 2' (SP-SM) Dark grayish brown f-m SAND, ltl silt, ltl f gravel, NO, NS, moist	
	TRC-SB-11-N (0-2)		5.0	2.0			
						5- 7' (SP-SM) Dark grayish brown f-m SAND, ltl silt, tr f gravel, NO, NS, moist	
	TRC-SB-11-N (4-6), TRC-SB-11-N (8-10)		5.0	5.0		7- 7.5' (SP-SM) Grayish brown f-m SAND, ltl silt, tr f gravel, NO, NS, wet 7.5- 10' (SP-SM) Yellowish brown f-m SAND, some silt, NO, NS, wet	
10						10- 12' (SP-SM) Yellowish brown f-m SAND, ltl silt, NO, NS, wet	
			3.0	3.0		12- 13' (SP-SM) Yellowish brown f-m SAND, some silt, NO, NS, wet	
						Bedrock refusal at 13.0 feet. Bottom of borehole at 13.0 feet.	

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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Bedrock refusal at 7.0 feet.
Bottom of borehole at 7.0 feet.

Notes: bgs = below ground surface; NO = No odor; NS = No Staining; tr = trace; ltl - little; f = fine; m = medium; c = coarse.

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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1430 Broadway
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BORING NUMBER: **TRC-SB-11-W**
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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	12
Project Location:	42-24 Orchard Street, Queens, New York 11101	Hole Diameter:	2
Project Number:	460578	Date Started:	12/1/21
Client:	BLDG Orchard, LLC.	Date Completed:	12/1/21
TRC Eng./Geol.:	R. Bowden/ B. Schlaff	Coordinate System:	
Checked By:	E. Ebert	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	NA
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling
Driller(s):	Sergio Magana	DATE	12/1/2021
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	8
Equipment/Model:	Geoprobe 7822DT	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	N/A

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 0.5' Concrete and pulverized concrete fragments, NO, NS, dry	2 4 6 8
			5.0	3.0		0.5- 3' (SP-SM) Dark grayish brown m SAND, FILL (pulverized brick), ltl silt, ltl f gravel, NO, NS, moist	
	TRC-SB-11-W(0-2)						
						5- 7.5' (MLS) Yellowish brown SILT, ltl f sand, NO, NS, moist	
			5.0	5.0		7.5- 10' (MLS) Yellowish brown SILT, some f sand, tr f gravel, NO, NS, wet	
	TRC-SB-11-W(4-6)						
10						10- 12' (MLS) Yellowish brown SILT, some f-m sand, tr f gravel, NO, NS, wet	
			2.0	2.0			
						Bedrock refusal at 12.0 feet. Bottom of borehole at 12.0 feet.	

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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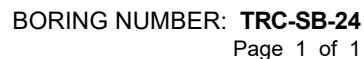
BORING/WELL NUMBER: **TRC-SB-23**
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PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name: Orchard Street Remedial Investigation		Boring Depth: 25		Hole Diameter: 2	
Project Location: 42-24 Orchard Street, Queens, New York 11101		Date Started: 11/29/21		Date Completed: 11/29/21	
Project Number: 460578		Coordinate System: _____			
Client: BLDG Orchard, LLC.		North: Not Surveyed		East: Not Surveyed	
TRC Eng./Geol: R. Bowden/ B. Schlaff		Vertical Datum: NA		Ground Elevation: Not Surveyed	
Checked By: E. Ebert		Well Elevation (Top of Casing) _____			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO		MEASUREMENT	⏴ At Time of Drilling	⏴ At End of Drilling	⏴ After Drilling
Driller(s): Sergio Magana		DATE	11/29/2021		
Drilling Method: Geoprobe		DEPTH (ft.bgs.)	15		
Equipment/Model: Geoprobe 7822DT		REFERENCE	Ground Surface		
Sampler: Macrocore		STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	DOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
						2 4 6 8		
	TRC-SB-23 (0-2), TRC-SB-23 (2-4)		5.0	3.5			0- 0.5' Concrete, NO, NS, dry 0.5- 1.5' (CL) Brown CLAY, lit f gravel, NO, NS, dry 1.5- 2' (SW) Dark brown m SAND, lit f gravel, NO, NS, dry 2- 3.5' (ML) Brown SILT, some f sand, NO, NS, moist	
							5- 5.5' (SW) Brown f SAND, lit f gravel, NO, NS, moist 5.5- 6.5' (ML) Brown SILT, lit f sand, NO, NS, moist 6.5- 10' (SW) Brown f SAND, lit f gravel, NO, NS, moist	
10			5.0	5.0			10- 10.5' (SW) Brown f SAND, some f gravel, NO, NS, moist 10.5- 13.5' (SW) Brown f SAND, NO, NS, moist	
							13.5- 14' (SW) Brown m SAND, lit f gravel, NO, NS, moist 15- 16' (SW) Brown f SAND, NO, NS, wet 16- 18' (SW) Brown f-m SAND, NO, NS, wet 18- 19' (SW) Brown m-c SAND, NO, NS, wet	
20	TRC-SB-23 (13-15)		5.0	4.0			20- 21' (SW) Dark Gray c SAND, NO, NS, wet 21- 23' (SW) Brown f SAND, NO, NS, wet	
							23- 24.5' (SW) Brown m-c SAND, NO, NS, wet	
			5.0	4.5				
							Bottom of borehole at 25.0 feet.	
30								

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, lit - little, f = fine, m = medium, c = coarse.

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BH-1

10

Bedrock refusal at 7.0 feet.
Bottom of borehole at 7.0 feet.

Notes: bgs = below ground surface; NO = No odor; NS = No Staining; tr = trace; ltl - little; f = fine; m = medium; c = coarse.

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING/WELL NUMBER: **TRC-SB-25**
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PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name: Orchard Street Remedial Investigation		Boring Depth: 16.5		Hole Diameter: 2	
Project Location: 42-24 Orchard Street, Queens, New York 11101		Date Started: 11/30/21		Date Completed: 11/30/21	
Project Number: 460578		Coordinate System: _____			
Client: BLDG Orchard, LLC.		North: Not Surveyed		East: Not Surveyed	
TRC Eng./Geol: R. Bowden/ B. Schlaff		Vertical Datum: NA		Ground Elevation: Not Surveyed	
Checked By: E. Ebert		Well Elevation (Top of Casing) _____			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO		MEASUREMENT	▼ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
Driller(s): Sergio Magana		DATE			11/30/2021 +1 hrs
Drilling Method: Geoprobe		DEPTH (ft.bgs.)			5.65
Equipment/Model: Geoprobe 7822DT		REFERENCE			Ground Surface
Sampler: Macrocore		STABILIZATION			N/A

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	DOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
						2 4 6 8		
							0- 0.5' Concrete, NO, NS, dry	
							0.5- 1' (SW) Black c SAND, FILL (asphalt), NO, NS, dry	
							1'- 2' (SW) Brown f SAND, ltl f gravel, FILL (asphalt), NO, NS, dry	
							2'- 3' (SW-SM) Brown f SAND, ltl silt, FILL (asphalt), NO, NS, moist	
	TRC-SB-25 (0-2)		5.0	3.0				
							5- 6' (SW) Light brown f SAND, ltl gray c sand, NO, NS, moist	
							6- 8' (SW-SM) Light brown f SAND, ltl silt, NO, NS, wet	
	TRC-SB-25 (4-6), TRC-SB-25 (6-8)		5.0	3.5				
							8- 8.5' (SW) Light brown f SAND, NO, NS, wet	
10							10- 13' (CL) Light brown CLAY, ltl silt, NO, NS, wet	
							13- 13.5' (SW) Light brown f-m SAND, NO, NS, wet	
							13.5- 14.5' (SW-SM) Light brown f-m SAND, ltl silt, NO, NS, wet	
							15- 16' (SW) Light brown f SAND, NO, NS, wet	
			1.5	1.5			16- 16.5' (SW) Light brown f-m SAND, NO, NS, wet	
							Bedrock refusal at 16.5 feet. Bottom of borehole at 16.5 feet.	
20								

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING NUMBER: **TRC-SB-26**
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PROJECT INFORMATION						BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation						Boring Depth: 4 Hole Diameter: 2			
Project Location: 42-24 Orchard Street, Queens, New York 11101						Date Started: 12/1/21 Date Completed: 12/1/21			
Project Number: 460578						Coordinate System: _____			
Client: BLDG Orchard, LLC.						North: Not Surveyed East: Not Surveyed			
TRC Eng./Geol: R. Bowden/ B. Schlaff						Vertical Datum: NA Ground Elevation: Not Surveyed			
Checked By: E. Ebert									
DRILLING INFORMATION						GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO						MEASUREMENT	▽ At Time of Drilling	▽ At End of Drilling	▽ After Drilling
Driller(s): Sergio Magana						DATE			
Drilling Method: Geoprobe						DEPTH (ft.bgs.)	N/A		
Equipment/Model: Geoprobe 7822DT						REFERENCE			
Sampler: Macrocore						STABILIZATION			
DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION			MOI SCREENING RESULTS (ppm)
						0- 1' Concrete, flt gray f-m sand, NO, NS, moist			2 4 6 8
						1'- 2' (SW-SM) Dark brown f-m SAND, flt silt, flt f gravel, NO, NS, moist			
			4.0	4.0		2'- 2.5' (SW-SM) Dark brown f-m SAND, flt silt, NO, NS, moist			
						2.5'- 4' (SW-SM) Dark brown f-m SAND, flt silt, FILL (red brick and concrete), NO, NS, moist			
						Bedrock refusal at 4.0 feet. Bottom of borehole at 4.0 feet.			
Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, flt - little, f = fine, m = medium, c = coarse.									

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING/WELL NUMBER: **TRC-SB-28**
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PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	17	Hole Diameter:	2
Project Location:	42-24 Orchard Street, Queens, New York 11101	Date Started:	11/30/21	Date Completed:	11/30/21
Project Number:	460578	Coordinate System:			
Client:	BLDG Orchard, LLC.	North:	Not Surveyed	East:	Not Surveyed
TRC Eng./Geol:	R. Bowden/ B. Schlaff	Vertical Datum:	NA	Ground Elevation:	Not Surveyed
Checked By:	E. Ebert	Well Elevation (Top of Casing)			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	AARCO	MEASUREMENT	▽ At Time of Drilling	▽ At End of Drilling	▽ After Drilling
Driller(s):	Sergio Magana	DATE	11/30/2021		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	7		
Equipment/Model:	Geoprobe 7822DT	REFERENCE	Ground Surface		
Sampler:	Macrocore	STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	DOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
						2 4 6 8		
							0'-0.5' Concrete, NO, NS, dry	
							0.5'-1' (SW) Black c SAND, FILL (asphalt), NO, NS, dry	
							1'-2.5' (SW) Brown f-m SAND, lit rock fragments, NO, NS, dry	
	TRC-SB-28 (0-2), TRC-DUP-02		5.0	2.5				
							5'-5.5' (SW) Brown f SAND, lit rock fragments, NO, NS, moist	
							5.5'-6' (SW) Brown f SAND, NO, NS, moist	
	TRC-SB-28 (5-7), TRC-SB-28 (7-9)		5.0	3.5			6'-8.5' (SW) Brown m SAND, lit f gravel, lit silt, NO, NS, wet	
10							10'-12.5' (SW) Brown m-c SAND, lit f gravel, NO, NS, wet	
							12.5'-13' (SW) Brown f-m SAND, lit gravel, NO, NS, wet	
							15'-17' (SW) Brown m-c SAND, lit gravel, NO, NS, wet	
			2.0	2.0				
							Bedrock refusal at 17.0 feet. Bottom of borehole at 17.0 feet.	
20								

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, lit - little, f = fine, m = medium, c = coarse.

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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BORING/WELL NUMBER: **TRC-SB-29**
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PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	25	Hole Diameter:	2
Project Location:	42-24 Orchard Street, Queens, New York 11101	Date Started:	11/29/21	Date Completed:	11/29/21
Project Number:	460578	Coordinate System:			
Client:	BLDG Orchard, LLC.	North:	Not Surveyed	East:	Not Surveyed
TRC Eng./Geol:	R. Bowden/ B. Schlaff	Vertical Datum:	NA	Ground Elevation:	Not Surveyed
Checked By:	E. Ebert	Well Elevation (Top of Casing)			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	Sergio Magana	DATE	11/29/2021		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	14		
Equipment/Model:	Geoprobe 7822DT	REFERENCE	Ground Surface		
Sampler:	Macrocore	STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	DOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
						2 4 6 8		
	TRC-SB-29 (0-2)		5.0	2.5			0- 0.5' Concrete, NO, NS, dry	
	TRC-SB-29 (0-2)						0.5- 1.5' (SW) Brown m SAND, ltl f gravel, FILL (asphalt), NO, NS, dry	
	TRC-SB-29 (0-2)						1.5- 2.5' (SW) Brown f SAND, ltl f gravel, NO, NS, moist	
	TRC-SB-29 (0-2)						5- 7' (SW) Brown f SAND, ltl f gravel, NO, NS, moist	
	TRC-SB-29 (0-2)		5.0	4.0			7- 8' (ML) Brown SILT, ltl f sand, ltl f gravel, NO, NS, moist	
	TRC-SB-29 (0-2)						8- 9' (SW) Brown m SAND, some f gravel, ltl c sand, NO, NS, moist	
10	TRC-SB-29 (6-8)						10- 11' (SW) Brown f SAND, some f gravel, NO, NS, moist	
	TRC-SB-29 (12-14)		5.0	3.0			11- 11.5' (SW) Black c SAND, NO, NS, moist	
							11.5- 12' (CL) Brown CLAY, ltl c sand, NO, NS, moist	
							12- 13' (ML) Brown SILT, ltl f gravel, ltl c sand, NO NS, wet	
							15- 17' (ML) Gray SILT, ltl f gravel, ltl c sand, NO, NS, wet	
			5.0	2.5			17- 17.5' (SW) Gray f SAND, NO, NS, wet	
20							20- 21.5' (SW) Reddish brown f-m SAND, NO, NS, wet	
							21.5- 23' (SW) Brown f SAND, NO, NS, wet	
			5.0	4.0			23- 24' (SW) Brown c SAND, ltl f gravel, NO, NS, wet	
							Bottom of borehole at 25.0 feet.	
30								

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
\\NYC-FP1\SHARED\PROJECTS\460578 - BLDG BOPRI\REPORTS\APPENDICES\APP C - BORING LOGS\BLDG ORCHARD STREET RI BORING LOGS.GPJ



1430 Broadway
New York/NY 10018

BORING NUMBER: **TRC-SB-30**
Page 1 of 1

PROJECT INFORMATION						BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation						Boring Depth: 25 Hole Diameter: 2			
Project Location: 42-24 Orchard Street, Queens, New York 11101						Date Started: 11/29/21 Date Completed: 11/29/21			
Project Number: 460578						Coordinate System:			
Client: BLDG Orchard, LLC.						North: Not Surveyed East: Not Surveyed			
TRC Eng./Geol: R. Bowden/ B. Schlaff						Vertical Datum: NA Ground Elevation: Not Surveyed			
Checked By: E. Ebert									
DRILLING INFORMATION						GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO						MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s): Sergio Magana						DATE	11/29/2021		
Drilling Method: Geoprobe						DEPTH (ft.bgs.)	14		
Equipment/Model: Geoprobe 7822DT						REFERENCE	Ground Surface		
Sampler: Macrocore						STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 0.5' Concrete, NO, NS, dry	
						0.5- 2' (SW) Brown f SAND, ltl f gravel, HLL (brick), NO, NS, dry	
			5.0	3.5		2- 3' (SW) Light brown f SAND, NO, NS, dry	
	TRC-SB-30 (0-2), TRC-DUP-01					3- 3.5' (SW-SM) Light brown f SAND, ltl silt, NO, NS, dry	
						5- 5.5' (SW) Brown f SAND, ltl f gravel, NO, NS, dry	
			5.0	4.0		5.5- 9' (SW) Brown f SAND, ltl f gravel, NO, NS, moist	
10						10- 12' (CL) Light brown CLAY, ltl f gravel, NO, NS, moist	
						12- 13' (SW-SM) Light brown f SAND, some silt, ltl gravel, NO, NS, moist	
	TRC-SB-30 (12-14)		5.0	5.0		13- 14' (CL) Light brown CLAY, NO, NS, moist	
						14- 15' (SW) Brown f-m SAND, NO, NS, wet	
						15- 17' (SW) Brown f-m SAND, NO, NS, wet	
						17- 17.5' (SW) Brown m SAND, some rock fragments, NO, NS, wet	
20			5.0	2.5			
						20- 22' (SW) Brown m-c SAND, ltl f gravel, NO, NS, wet	
						22- 24' (SW) Reddish brown c SAND, ltl f gravel, NO, NS, wet	
			5.0	4.0			
						Bottom of borehole at 25.0 feet.	
30							

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
\\NYC-PP1\SHARED\PROJECTS\460578 - BLDG BOP\RI\REPORT\APPENDICES\APP C - BORING LOGS\BLDG ORCHARD STREET RI BORING LOGS.GPJ



1430 Broadway
New York/NY 10018

BORING NUMBER: **TRC-SB-31**
Page 1 of 1

PROJECT INFORMATION						BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation						Boring Depth: 20 Hole Diameter: 2			
Project Location: 42-24 Orchard Street, Queens, New York 11101						Date Started: 12/3/21 Date Completed: 12/3/21			
Project Number: 460578						Coordinate System:			
Client: BLDG Orchard, LLC.						North: Not Surveyed East: Not Surveyed			
TRC Eng./Geol: R. Bowden/ B. Schlaff						Vertical Datum: NA Ground Elevation: Not Surveyed			
Checked By: E. Ebert									
DRILLING INFORMATION						GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO						MEASUREMENT	▽ At Time of Drilling	▽ At End of Drilling	▽ After Drilling
Driller(s): Sergio Magana						DATE	12/3/2021		
Drilling Method: Geoprobe						DEPTH (ft.bgs.)	10.5		
Equipment/Model: Geoprobe 7822DT						REFERENCE	Ground Surface		
Sampler: Macrocore						STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 0.5' Asphalt, NO, NS, dry	
						0.5- 3' (SM) Dark brown f-m SAND, tl f silt, tr f gravel, NO, NS, dry	
			5.0	4.0			
	TRC-SB-31 (0-2), TRC-SB-31 (3.5-5.5)					3'- 3.5' (SM) Dark brown f SAND, FILL (pulverized brick), tl f silt, tr f gravel, tr sea shells, NO, NS, moist	
						3.5'- 4' (SM) Yellowish brown f SAND, some silt, NO, NS, moist	
						5'- 7' (MLS) Yellowish brown SILT, tl f sand, NO, NS, moist	
			5.0	3.5			
						7'- 8.5' (SM) Reddish brown f SAND, some silt, NO, NS, moist	
10							
						10'- 11' (MLS) Yellowish brown SILT, some f sand, NO, NS, moist	
	TRC-SB-31 (8.5-10.5)		5.0	5.0			
						11'- 11.5' (SM) Yellowish brown f SAND, some silt, NO, NS, wet	
						11.5'- 14' (MLS) Yellowish brown SILT, tl f sand, NO, NS, wet	
						14'- 14.5' (MLS) Yellowish brown SILT, tl f sand, tl f clay, NO, NS, wet	
						14.5'- 15' (SM) Yellowish brown f SAND, tl f silt, NO, NS, wet	
						15'- 20' (SM) Yellowish brown f SAND, tl f silt, NO, NS, wet	
			5.0	5.0			
20							
Bottom of borehole at 20.0 feet.							

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, tl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
\\NYC-FF1\SHARED\PROJECTS\460578 - BLDG BOP\RI\REPORT\APPENDICES\APP C - BORING LOGS\BLDG ORCHARD STREET RI BORING LOGS.GPJ



1430 Broadway
New York/NY 10018

BORING NUMBER: **TRC-SB-32**
Page 1 of 1

PROJECT INFORMATION						BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation						Boring Depth: 20 Hole Diameter: 2			
Project Location: 42-24 Orchard Street, Queens, New York 11101						Date Started: 12/3/21 Date Completed: 12/3/21			
Project Number: 460578						Coordinate System:			
Client: BLDG Orchard, LLC.						North: Not Surveyed East: Not Surveyed			
TRC Eng./Geol: R. Bowden/ B. Schlaff						Vertical Datum: NA Ground Elevation: Not Surveyed			
Checked By: E. Ebert									
DRILLING INFORMATION						GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO						MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s): Sergio Magana						DATE	12/3/2021		
Drilling Method: Geoprobe						DEPTH (ft.bgs.)	11		
Equipment/Model: Geoprobe 7822DT						REFERENCE	Ground Surface		
Sampler: Macrocore						STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 0.5' Asphalt, NO, NS, dry	
						0.5- 3.5' (SP-SM) Brown m SAND, flt f gravel, flt silt, NO, NS, moist	
	TRC-SB-32 (0-2), TRC-DUP-03		5.0	5.0		3.5- 4' (GW) Gray f GRAVEL, FILL (pulverized brick), NO, NS, moist	
						4- 5' (ML) Yellowish brown SILT, some m sand, NO, NS, moist	
						5- 6' (ML) Yellowish brown SILT, some m sand, NO, NS, moist	
	TRC-SB-32 (4-6)		5.0	5.0		6- 7.5' (SP-SM) Yellowish brown f SAND, flt silt, NO, NS, moist	
						7.5- 8' (SP-SM) Yellowish brown f SAND, some silt, NO, NS, moist	
						8- 10' (SP-SM) Dark yellowish brown f SAND, flt silt, NO, NS, moist	
10						10'- 10.5' (SP-SM) Dark yellowish brown f SAND, flt silt, NO, NS, moist	
						10.5- 11.5' (SP-SM) Dark brown f SAND, flt silt, NO, NS, wet	
	TRC-SB-32 (9-11)		5.0	5.0		11.5- 13' (ML) Yellowish brown SILT, some f sand, NO, NS, wet	
						13- 15' (ML) Yellowish brown SILT, flt f sand, flt clay, NO, NS, wet	
						15- 19' (SP-SM) Yellowish brown f SAND, flt silt, NO, NS, wet	
			5.0	5.0		19- 20' (SP-SM) Grayish brown f SAND, flt silt, NO, NS, wet	
20						Bottom of borehole at 20.0 feet.	

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, flt - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
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1430 Broadway
New York/NY 10018

BORING NUMBER: **TRC-SB-33**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION			
Project Name: Orchard Street Remedial Investigation		Boring Depth: 20		Hole Diameter: 2	
Project Location: 42-24 Orchard Street, Queens, New York 11101		Date Started: 12/3/21		Date Completed: 12/3/21	
Project Number: 460578		Coordinate System:			
Client: BLDG Orchard, LLC.		North: Not Surveyed		East: Not Surveyed	
TRC Eng./Geol: R. Bowden/ B. Schlaff		Vertical Datum: NA		Ground Elevation: Not Surveyed	
Checked By: E. Ebert					
DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor: AARCO		MEASUREMENT	▼ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
Driller(s): Sergio Magana		DATE	12/3/2021		
Drilling Method: Geoprobe		DEPTH (ft.bgs.)	11		
Equipment/Model: Geoprobe 7822DT		REFERENCE	Ground Surface		
Sampler: Macrocore		STABILIZATION	N/A		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 0.5' Asphalt, NO, NS, dry	2 4 6 8
						0.5- 3' (SP-SM) Dark grayish brown f-c SAND, FILL (pulverized brick), lit f gravel, lit silt, NO, NS, moist	
	TRC-SB-33 (0-2)		5.0	3.5		3- 3.5' (SP-SM) Dark yellowish brown f SAND, lit silt, NO, NS, moist	
						5- 7' (SP-SM) Dark yellowish brown f SAND, lit silt, NO, NS, moist	
	TRC-SB-33 (4-6)		5.0	5.0		7- 8' (SP-SM) Yellowish brown f SAND, some silt, NO, NS, moist	
						8- 10' (ML) Yellowish brown SILT, some f sand, NO, NS, moist	
10						10'- 10.5' (ML) Yellowish brown SILT, some f sand, NO, NS, moist	
						10.5- 11' (SP-SM) Yellowish brown f SAND, some silt, NO, NS, moist	
						11- 13' (ML) Yellowish brown SILT, some f sand, NO, NS, wet	
	TRC-SB-33 (9-11)		5.0	5.0		13- 15' (ML) Yellowish brown SILT, lit f sand, lit clay, NO, NS, wet	
						15- 19' (SP-SM) Yellowish brown f SAND, lit silt, NO, NS, wet	
			5.0	5.0		19- 20' (SP-SM) Grayish brown f SAND, lit silt, NO, NS, wet	
20						Bottom of borehole at 20.0 feet.	

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, lit - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
\\NYC-FP1\SHARED\PROJECTS\460578 - BLDG BOPRI\REPORTS\APPENDICES\APP C - BORING LOGS\BLDG ORCHARD STREET RI BORING LOGS.GPJ



1430 Broadway
New York/NY 10018

BORING NUMBER: **TRC-SB-34**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Orchard Street Remedial Investigation	Boring Depth:	14
Project Location:	42-24 Orchard Street, Queens, New York 11101	Hole Diameter:	2
Project Number:	460578	Date Started:	12/3/21
Client:	BLDG Orchard, LLC.	Date Completed:	12/3/21
TRC Eng./Geol:	R. Bowden/ B. Schlaff	Coordinate System:	
Checked By:	E. Ebert	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	NA
		Ground Elevation:	Not Surveyed
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling
Driller(s):	Sergio Magana	DATE	12/3/2021
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	12
Equipment/Model:	Geoprobe 7822DT	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	N/A
		At End of Drilling	After Drilling

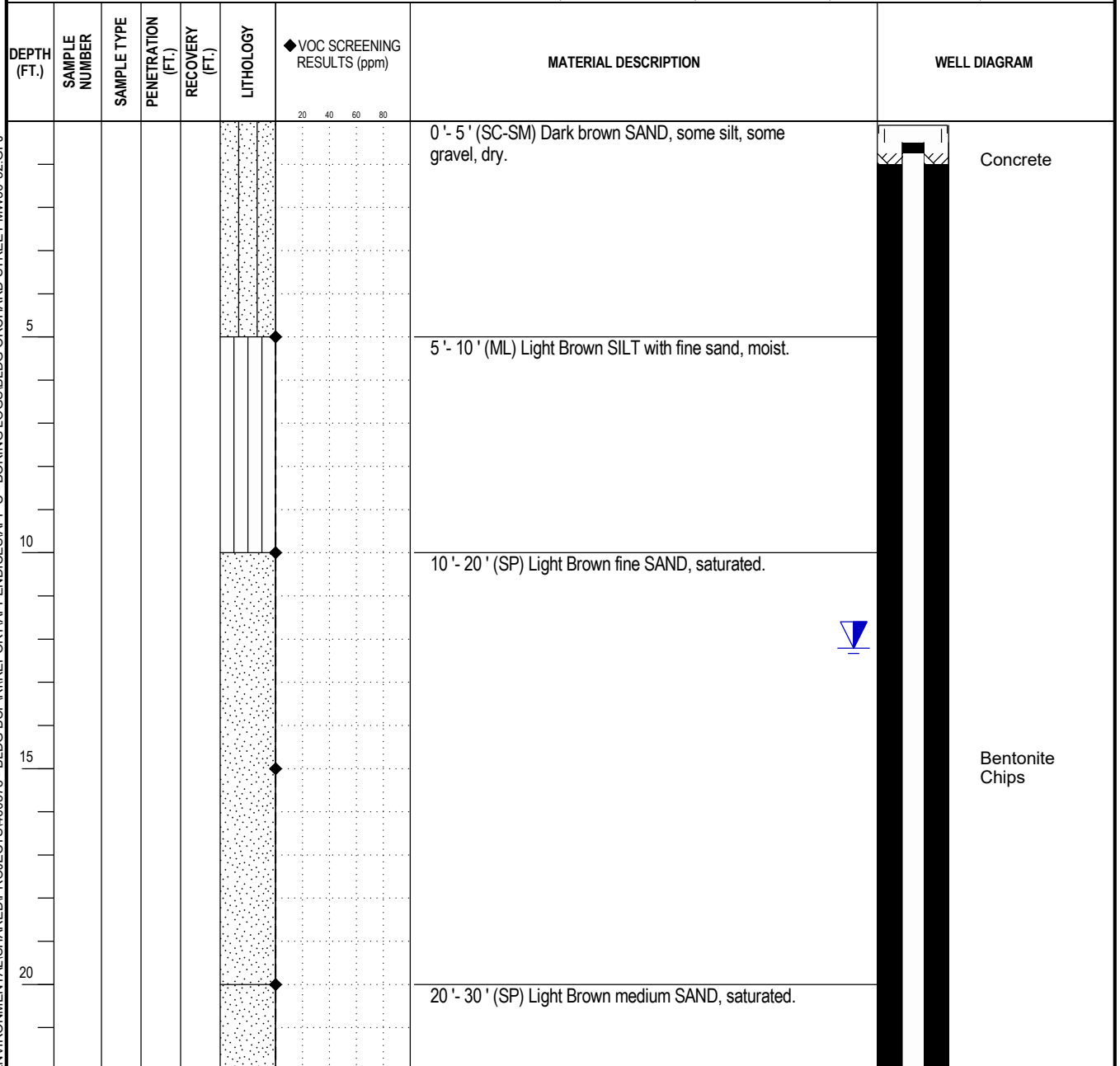
DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	DOC SCREENING RESULTS (ppm)
						0- 0.5' Asphalt, NO, NS, dry	2 4 6 8
						0.5- 2' (SP) Dark grayish brown m SAND, ltl f gravel, ltl silt, FLL (asphalt), NO, NS, moist	
	TRC-SB-34 (0-2)		5.0	2.0			
						5- 5.5' (SP) Light gray f SAND, some f gravel, ltl silt, NO, NS, moist	
	TRC-SB-34 (8-10)		5.0	3.0		5.5- 8' (ML) Yellowish brown SILT, ltl f sand, NO, NS, moist	
10						10- 10.5' (ML) Yellowish brown SILT, ltl f sand, NO, NS, moist	
						10.5- 11' (SP-SM) Dark yellowish brown f SAND, some silt, NO, NS, moist	
						11- 12' (ML) Yellowish brown SILT, ltl f sand, NO, NS, moist	
	TRC-SB-34 (10-12)		4.0	4.0		12- 13' (ML) Yellowish brown SILT, some f sand, NO, NS, wet	
						13- 14' (SP-SM) Dark yellowish brown m SAND, some silt, tr f gravel, NO, NS, wet	
						Bedrock refusal at 14.0 feet. Bottom of borehole at 14.0 feet.	

Notes: bgs = below ground surface; NO = No odor; NS = No Staining, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/27/22
\\NYC-PP1\SHARED\PROJECTS\460578 - BLDG BOPRI\REPORT\APPENDICES\APP C - BORING LOGS\BLDG ORCHARD STREET RI BORING LOGS.GPJ



PROJECT INFORMATION		BORING/WELL INFORMATION	
Project Name: Orchard Street Supplemental Remedial Investigation	Boring Depth: 43	Hole Diameter: 6	
Project Location: 42-24 Orchard Street, Queens, New York 11101	Date Started: 3/17/22	Date Completed: 3/17/22	
Project Number: 460578	Coordinate System:		
Client: BLDG Orchard, LLC.	North: 40.747907	East: -73.93905	
Logged By: R. Bowden	Vertical Datum: NA	Ground Elevation: Not Surveyed	
Checked By: K. Boger	Well Elevation (Top of Casing): Not Surveyed		
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor: AARCO	MEASUREMENT	At Time of Drilling	At End of Drilling
Driller(s): C. Blumberg	DATE		3/25/2022
Drilling Method: Hollow Stem Auger	DEPTH (ft.bgs.)		12.21
Equipment/Model: Geoprobe GP051	REFERENCE	Ground Surface	Ground Surface
Sampler: NQ Rock Core	STABILIZATION		



Notes: bgs = below ground surface, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

SOIL BORING/WELL COMPLETION WITH NOTES - 2 - TRC - WINDSOR - STD.GDT - 5/24/22
\\NYC-FPI\ENVIRONMENTAL\SHARED\PROJECTS\460578 - BLDG BCP\RI\REPORT\APPENDICES\APP C - BORING LOGS\BLDG ORCHARD STREET MW30-32.GPJ



PROJECT INFORMATION					BORING/WELL INFORMATION	
Project Name: Orchard Street Supplemental Remedial Investigation					Boring Depth: 43	Hole Diameter: 6
Project Location: 42-24 Orchard Street, Queens, New York 11101					Date Started: 3/17/22	Date Completed: 3/17/22
Project Number: 460578					Coordinate System:	
Client: BLDG Orchard, LLC.					North: 40.747907	East: -73.93905
Logged By: R. Bowden					Vertical Datum: NA	Ground Elevation: Not Surveyed
Checked By: K. Boger					Well Elevation (Top of Casing) Not Surveyed	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
25							20' - 30' (SP) Light Brown medium SAND, saturated.	
30							30' - 43' GNEISS BEDROCK, weathered from 30-33 feet bgs, competent from 33-43 feet bgs.	Hydrated Bentonite Seal No. 1 Sand
35								
40								0.10" Slotted PVC Pipe
45							Bottom of borehole at 43.0 feet.	

SOIL BORING/WELL COMPLETION WITH NOTES, 2 - TRC WINDSOR STD GDT - 5/24/22
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BORING/WELL NUMBER: **TRC-MW-30S**

Page 1 of 2

PROJECT INFORMATION		BORING/WELL INFORMATION	
Project Name:	Orchard Street Supplemental Remedial Investigation	Boring Depth:	23
Project Location:	42-24 Orchard Street, Queens, New York 11101	Hole Diameter:	6
Project Number:	460578	Date Started:	3/17/22
Client:	BLDG Orchard, LLC.	Date Completed:	3/17/22
Logged By:	R. Bowden	Coordinate System:	
Checked By:	K. Boger	North:	40.747912
		East:	-73939038
		Vertical Datum:	NA
		Ground Elevation:	Not Surveyed
		Well Elevation (Top of Casing):	Not Surveyed

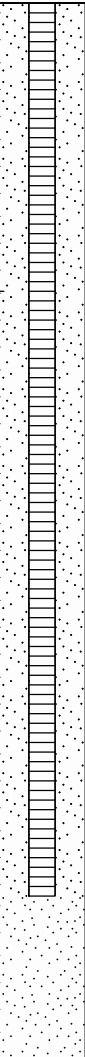
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling
Driller(s):	C. Blumberg	DATE	3/25/2022
Drilling Method:	Hollow Stem Auger	DEPTH (ft.bgs.)	10.3
Equipment/Model:	Geoprobe GP051	REFERENCE	Ground Surface
Sampler:	NQ Rock Core	STABILIZATION	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	◆ VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
						20 40 60 80		
							0' - 5' (SC-SM) Dark brown medium SAND with gravel, some silt, dry.	Concrete Bentonite Chips Hydrated Bentonite Seal
5							5' - 10' (SP) Light Brown fine SAND, dry.	No. 1 Sand
10							10' - 15' (SM) Light Brown fine SAND with silt, moist.	

Notes: bgs = below ground surface, tr = trace, ltl - little, f = fine, m = medium, c = coarse.



PROJECT INFORMATION					BORING/WELL INFORMATION	
Project Name: Orchard Street Supplemental Remedial Investigation					Boring Depth: 23	Hole Diameter: 6
Project Location: 42-24 Orchard Street, Queens, New York 11101					Date Started: 3/17/22	Date Completed: 3/17/22
Project Number: 460578					Coordinate System:	
Client: BLDG Orchard, LLC.					North: 40.747912	East: -73939038
Logged By: R. Bowden					Vertical Datum: NA	Ground Elevation: Not Surveyed
Checked By: K. Boger					Well Elevation (Top of Casing) Not Surveyed	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	◆ VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
						20 40 60 80	10' - 15' (SM) Light Brown fine SAND with silt, moist.	 0.10" Slotted PVC Pipe
15							15' - 23' (SP) Light Brown fine SAND, saturated.	
20							Bottom of borehole at 23.0 feet.	
25								

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 5/24/22
\\NYC-FPI\ENVIRONMENTAL\SHARED\PROJECTS\460578 - BLDG BCP\RI\REPORT\APPENDICES\APP C - BORING LOGS\BLDG ORCHARD STREET MW30-32.GPJ



PROJECT INFORMATION		BORING/WELL INFORMATION	
Project Name:	Orchard Street Supplemental Remedial Investigation	Boring Depth:	12.75
Project Location:	42-24 Orchard Street, Queens, New York 11101	Hole Diameter:	3
Project Number:	460578	Date Started:	1/25/22
Client:	BLDG Orchard, LLC.	Date Completed:	1/26/22
Logged By:	B. Schlaff	Coordinate System:	
Checked By:	K. Boger	North:	40.747683
		East:	-73.938922
		Vertical Datum:	NA
		Ground Elevation:	Not Surveyed
		Well Elevation (Top of Casing):	Not Surveyed
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	AARCO	MEASUREMENT	At Time of Drilling
Driller(s):	C. Blumberg	DATE	2/24/2022
Drilling Method:	Mud Rotary	DEPTH (ft.bgs.)	0.1
Equipment/Model:	Limited Access Rig	REFERENCE	Ground Surface
Sampler:	NQ Rock Core	STABILIZATION	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
						20 40 60 80	0' - 0.75' Concrete.	Concrete
			1.8	0.5			0.75' - 2.5' (SP) Dark gray m SAND, some gravel, ltl silt, sewage odor, dark gray staining, saturated.	Hydrated Bentonite Seal
5							2.5' - 12.75' GNEISS BEDROCK, fractured from 2.5-6', competent from 6-12.5'.	2" PVC Pipe
10			10.3	10.3				#2 Sand; 0.10" Slotted PVC Pipe
Bottom of borehole at 12.8 feet.								

Notes: bgs = below ground surface, tr = trace, ltl = little, f = fine, m = medium, c = coarse.

SOIL BORING/WELL COMPLETION WITH NOTES. 2 - TRC_WINDSOR_STD.GDT - 5/24/22
\\NYC-FPI\ENVIRONMENTAL\SHARED\PROJECTS\460578 - BLDG BCP\REPORTS\APPENDICES\APP C - BORING LOGS\BLDG ORCHARD STREET MW30-32.GPJ

PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name:	Orchard Street Supplemental Remedial Investigation	Boring Depth:	14	Hole Diameter:	3
Project Location:	42-24 Orchard Street, Queens, New York 11101	Date Started:	1/26/22	Date Completed:	1/27/22
Project Number:	460578	Coordinate System:			
Client:	BLDG Orchard, LLC.	North:	40.747297	East:	-73.938644
Logged By:	B. Schlaff	Vertical Datum:	NA	Ground Elevation:	Not Surveyed
Checked By:	K. Boger	Well Elevation (Top of Casing)	Not Surveyed		
DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	AARCO	MEASUREMENT	▼ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
Driller(s):	C. Blumberg	DATE			2/24/2022
Drilling Method:	Mud Rotary	DEPTH (ft.bgs.)			0.1
Equipment/Model:	Limited Access Rig	REFERENCE	Ground Surface	Ground Surface	Ground Surface
Sampler:	NQ Rock Core	STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
						20 40 60 80	0' - 0.5' Concrete.	
			1.5	0.5		0.5' - 2' (SP) Dark gray m SAND, some gravel, ltl silt, sewage odor, dark gray staining, saturated.	Concrete	
						2' - 14' GNEISS BEDROCK, weathered from 2-2.5', competent from 2.5-14' with minor fractures.	Hydrated Bentonite Seal	
5								2" PVC Pipe
			12.0	11.0				#2 Sand; 0.10" Slotted PVC Pipe
10								

Notes: bgs = below ground surface, tr = trace, ltl - little, f = fine, m = medium, c = coarse.

**REMEDIAL INVESTIGATION REPORT
BCP SITE NO. C241256
42-24 ORCHARD STREET
QUEENS, NEW YORK 11101**

**Appendix D
Groundwater Sampling Logs**

[illegible]

Groundwater Sampling Data Record Form			Project: 42-24 Orchard/RI 42-24 Orchard St. Queens, NY			Project No.: 460578		Date/Time: 12.07.2021		Sheet: 1 of 1	
			TRC Personnel: Amber Bartlett and Brian Schlaff								
Well Identification: TRC-MW-23											
WELL INTEGRITY			Protective Casing Stick-up ____NA____ ft. (from Ground)			Well Depth (ft.): 24.07		Reference Point:			
YES NO			WELL DIAMETER X 2 inch			Depth to Water (ft.): 9.71		X top of riser		historical measured: X	
Protect. Casing Secure X			4 inch					top of casing		notch	
Concrete Collar Intact X			6 inch							north side	
PVC Stick-up Intact NA										high pt	
Well Cap Present X										pen mark	
Security Lock Present											
PID SCREENING (ppmV)			WELL MATERIAL			Height of water column (ft.): 14.36		X .16 gal/ft (2 in.)			
			X PVC SS								
Background 0.0						Volume of Water in Well (gal): 2.3				Depth to NAPL (ft.): NA	
Well Mouth 0.0 (if required)						Total Gallons Purged: 6				Thickness of NAPL (ft.): NA	
						[Vol. = r²h(0.163)]					
Time	9:30	9:35	9:40	9:45	9:50	9:55	10:00	10:05	10:10		
Temp. (C.) - (±10%)	17.26	17.59	17.59	17.60	17.71	17.68	17.65	17.64	17.65		
pH (Std.Units) - (± 0.1)	7.03	7.07	7.06	7.06	7.05	7.05	7.06	7.09	7.04		
ORP (millivolts) - (± 10)	-5	-54	-106	-108	-114	-115	-117	-122	-118		
Conduct.(mS/cm) - (±3%)	0.844	1.02	1.38	1.40	1.46	1.47	1.49	1.50	1.53		
Turb. (NTU) - (± 10%)	156	102	45.2	41.4	34.0	32.3	30.8	30.4	32.7		
DO (mg/L) - (± 10%)	1.53	3.71	2.71	2.09	1.16	1.17	1.10	1.02	1.00		
Depth to water (ft)	9.94	10.04	10.21	10.35	10.60	10.82	10.91	11.00	11.10		
Flow (ml/min)	500	500	500	500	500	500	500	500	500		
Comments	Clear, NS, Slight Odor										
Pump Type	Purge	Sample	Description of Sampling Equipment								
Peristaltic Pump	X	X	Peristaltic Pump: 306805								
Submersible Pump			PID (MR 3K): 39362 (Sl. No. 592-919496)								
Bladder Pump			Horiba: ULHGPIJF/SMIJPWRR and 75W4AEKA/BE5H2JFV								
Bailer:			IP: 27617								
Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected				Sample ID			
CP 51/TCL VOCs	N	HCL	40ml x VOA-3	10:15				TRC-MW-23			
CP 51/TCL SVOCs	N	NONE	250ml AG-2								
TAL Metals -Total	N	HNO3	250ml PI-1								
TAL Metals - Dissolved	Y (Field)	HNO3	250ml PI-1								
Total CN	N	NaOH	250ml PI-1								
TCL PCBs	N	NONE	250ml AG-2								
TCL Pesticides/Herbicides	N	NONE	250ml AG-2								
PFAS	N	NONE	250ml PI-2								
1-4 Dioxane	N	NONE	250ml AG-2								
Remarks:	1. Used HDPE tubings.										
	2.NS: No Sheen.										
	3. MS/MSD samples collected										

Groundwater Sampling Data Record Form	Project:42-24 Orchard/RI 42-24 Orchard Street, Queens, NY		Project No.: 460578		Date/Time: 12.07.2021		Sheet: 1 of 1		
	TRC Personnel: Amber Bartlett and Brian Schlaff								
Well Identification: TRC-MW-25									
WELL INTEGRITY			Protective Casing Stick-up <u>NA</u> ft. (from Ground)		Reference Point:		historical measured:		
Protect. Casing Secure			☒		☒ top of riser		☒		
Concrete Collar Intact			☒		☐ top of casing		☐		
PVC Stick-up Intact			☒				☐		
Well Cap Present			☒				☐		
Security Lock Present			☐				☐		
			WELL DIAMETER ☒ 2 inch		Well Depth (ft.): 13.85				
			☐ 4 inch		Depth to Water (ft.): 5.65				
			☐ 6 inch						
					Depth of pump intake (ft.): 13				
							☒ .16 gal/ft (2 in.)		
					Height of water column (ft.): 8.2		☐ .65 gal/ft (4 in.)		
							☐ 1.5 gal/ft (6 in.)		
							☐ _ gal/ft (_ in.)		
PID SCREENING (ppmV)			☒ ☐ ☐		Volume of Water in Well (gal): 1.3		Depth to NAPL (ft.): NA		
Background			0.0		Total Gallons Purged: 16		Thickness of NAPL (ft) NA		
Well Mouth			0.0 (if required)		[Vol. = r ² h(0.163)]				
Time	9:00	9:15	9:25	9:35	9:45	9:55	10:25	10:40	11:00
Temp. (C.) - (±10%)	13.37	13.28	13.47	13.54	14.72	15.11	16.70	15.52	13.79
pH (Std.Units) - (± 0.1)	10.84	9.42	9.35	9.19	8.5	8.05	7.58	7.58	7.68
ORP (millivolts) - (± 10)	-16	227	68	128	141	141	145	139	148
Conduct.(mS/cm) - (±3%)	1.260	0.815	0.666	0.614	0.614	0.604	0.575	0.575	0.570
Turb. (NTU) - (± 10%)	921	961	>1000	>1000	>1000	>1000	>1000	>1000	>1000
DO (mg/L) - (± 10%)	8.00	1.5	3.63	7.58	3.57	2.42	1.18	1.71	5.18
Depth to water (ft)	6.60	6.80	6.85	6.85	6.90	6.90	6.90	6.90	6.90
Flow (ml/min)	400	400	400	400	400	400	400	400	400
Comments	Cloudy, NO/NS								
Pump Type	Purge	Sample	Description of Sampling Equipment						
Peristaltic Pump	☒	☒	Peristaltic Pump: 306805						
Submersible Pump	☐	☐	PID (MR 3K): 39362 (Sl. No. 592-919496)						
Bladder Pump	☐	☐	Horiba: ULHGPIIF/SMIJPWRR and 75W4AEKA/BE5H2JFV						
Bailer:	☐	☐	IP: 27617						
Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected			Sample ID		
CP 51/TCL VOCs	N	HCL	40ml x VOA-3	11:45			TRC-MW-25		
CP 51/TCL SVOCs	N	NONE	250ml AG-2						
TAL Metals -Total	N	HNO3	250ml PI-1						
TAL Metals - Dissolved	Y (Field)	HNO3	250ml PI-1						
Total CN	N	NaOH	250ml PI-1						
TCL PCBs	N	NONE	250ml AG-2						
TCL Pesticides/Herbicides	N	NONE	250ml AG-2						
PFAS	N	NONE	250ml PI-2						
1-4 Dioxane	N	NONE	250ml AG-2						
Remarks:	1. Used HDPE tubings.								
	2. NO/NS: No Odor/No Sheen.								
	3. Data from well development. Groundwater sample was taken at uneven interval time due to well drying up.								

Groundwater Sampling Data Record Form			Project: 42-24 Orchard/RI		Project No.: 460578		Date/Time: 12.07.2021		Sheet: 1 of 1	
			TRC Personnel: Amber Bartlett and Brian Schlaff							
Well Identification: TRC-MW-28										
WELL INTEGRITY			Protective Casing Stick-up <u>NA</u> ft. (from Ground)			Reference Point:		historical measured:		
Protect. Casing Secure			☒			Well Depth (ft.): 15.25		☒ top of riser		☒
Concrete Collar Intact			☒			Depth to Water (ft): 7.9		☐ top of casing		☐
PVC Stick-up Intact			☒							☐
Well Cap Present			☒							☐
Security Lock Present			☐			Depth of pump intake (ft.): 16.5				☐
								☒ .16 gal/ft (2 in.)		
						Height of water column (ft.): 7.35		☐ .65 gal/ft (4 in.)		
								☐ 1.5 gal/ft (6 in.)		
								☐ _ gal/ft (_ in.)		
PID SCREENING (ppmV)			☒ ☐ ☐			Volume of Water in Well (gal): 1.2		Depth to NAPL (ft.):		NA
Background 0.0			PVC SS			Total Gallons Purged: 1		Thickness of NAPL (ft)		NA
Well Mouth 0.0 (if required)						[Vol. = r²h(0.163)]				
Time	9:10	9:15	13:00							
Temp. (C.) - (±10%)	12.73	--	4.73							
pH (Std.Units) - (± 0.1)	7.89	--	7.81							
ORP (millivolts) - (± 10)	60	--	127							
Conduct.(mS/cm) - (±3%)	0.737	--	0.000							
Turb. (NTU) - (± 10%)	177	--	260							
DO (mg/L) - (± 10%)	6.22	--	8.21							
Depth to water (ft)	14.10	DRY	13.75							
Flow (ml/min)	300	--	300							
Comments	Well repeatedly ran dry, Clear, NO/NS									
Pump Type	Purge	Sample	Description of Sampling Equipment							
Peristaltic Pump	☒	☒	Peristaltic Pump: 306805							
Submersible Pump	☐	☐	PID (MR 3K): 39362 (Sl. No. 592-919496)							
Bladder Pump	☐	☐	Horiba: ULHGPIJIF/SMIJPWRR and 75W4AEKA/BE5H2JFV							
Bailer:	☐	☐	IP: 27617							
Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected			Sample ID			
CP 51/TCL VOCs	N	HCL	40ml x VOA-3	14:35			TRC-MW-28			
Remarks:	1. Used HDPE tubings.									
	2. NO/NS: No Odor/No Sheen.									
	3. Due to low recharge, the groundwater sample was only collected for VOCs.									

Groundwater Sampling Data Record Form	Project: 42-24 Orchard/RI 42-24 Orchard St. Queens, NY		Project No.: 460578		Date/Time: 12.07.2021		Sheet: 1 of 1		
	TRC Personnel: Amber Bartlett and Brian Schlaff								
Well Identification: TRC-MW-29									
WELL INTEGRITY			Protective Casing Stick-up <u>NA</u> ft. (from Ground)		Reference Point:		historical measured:		
Protect. Casing Secure			☒		☒		☒		
Concrete Collar Intact			☒		☐		☐		
PVC Stick-up Intact			☒		☐		☐		
Well Cap Present			☒		☐		☐		
Security Lock Present			☐		☐		☐		
			WELL DIAMETER		☒		☐		
			☐		☐		☐		
			☐		☐		☐		
			☐		☐		☐		
			WELL MATERIAL		Height of water column (ft.):		☒		
			☒		☐		☐		
			☐		☐		☐		
PID SCREENING (ppmV)			PVC		SS		Volume of Water in Well (gal):		
Background			0.0		0.0		1.9		
Well Mouth			0.0		(if required)		6		
							Depth to NAPL (ft.):		
							NA		
							Thickness of NAPL (ft.)		
							NA		
							[Vol. = r ² h(0.163)]		
Time	11:45	11:50	11:55	12:00	12:05	12:10	12:15	12:20	12:25
Temp. (C.) - (±10%)	19.62	19.58	19.62	19.67	19.73	19.76	19.75	19.69	19.71
pH (Std.Units) - (± 0.1)	7.11	7.08	7.01	6.96	6.93	6.92	6.89	6.89	6.89
ORP (millivolts) - (± 10)	113	114	117	121	123	124	128	133	135
Conduct.(mS/cm) - (±3%)	1.31	1.31	1.34	1.36	1.38	1.38	1.40	1.42	1.43
Turb. (NTU) - (± 10%)	401	365	114	57.8	45.5	41.8	29.6	28.1	23.9
DO (mg/L) - (± 10%)	5.48	5.25	3.66	3.44	3.35	3.30	3.41	3.51	3.49
Depth to water (ft)	11.10	11.24	11.32	11.43	11.57	11.64	11.77	11.83	11.91
Flow (ml/min)	500	500	500	500	500	500	500	500	500
Comments	Clear, NO/NS								
Pump Type	Purge	Sample	Description of Sampling Equipment						
Peristaltic Pump	☒	☒	Peristaltic Pump: 306805						
Submersible Pump	☐	☐	PID (MR 3K): 39362 (Sl. No. 592-919496)						
Bladder Pump	☐	☐	Horiba: ULHGPIJF/SMIJPWRR and 75W4AEKA/BE5H2JFV						
Bailer:	☐	☐	IP: 27617						
Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected			Sample ID		
CP 51/TCL VOCs	N	HCL	40ml x VOA-3	12:30			TRC-MW-29		
CP 51/TCL SVOCs	N	NONE	250ml AG-2						
TAL Metals -Total	N	HNO3	250ml PI-1						
TAL Metals - Dissolved	Y (Field)	HNO3	250ml PI-1						
Total CN	N	NaOH	250ml PI-1						
TCL PCBs	N	NONE	250ml AG-2						
TCL Pesticides/Herbicides	N	NONE	250ml AG-2						
PFAS	N	NONE	250ml PI-2						
1-4 Dioxane	N	NONE	250ml AG-2						
Remarks:	1. Used HDPE tubings.								
	2. NO/NS: No Odor/No Sheen.								
	3. Duplicate sample TRC-GW-DUP-01 collected from TRC-MW-29.								

[illegible]

[illegible]

Groundwater Sampling Data Record Form			Project: 42-24 Orchard/RI 42-24 Orchard St. Queens, NY		Project No.: 460578		Date/Time: 02.24.2022		Sheet: 1 of 1	
			TRC Personnel: Stephen Loonie							
Well Identification: TRC-MW-31D										
WELL INTEGRITY			Protective Casing Stick-up ____NA____ ft. (from Ground)		Well Depth (ft.): 12.5		Reference Point: ☒ top of riser ☐ top of casing _____		☒ historical measured notch north side high pt pen mark	
YES NO Protect. Casing Secure ☒ ☐ Concrete Collar Intact ☒ ☐ PVC Stick-up Intact ☒ ☐ Well Cap Present ☒ ☐ Security Lock Present ☐ ☒			WELL DIAMETER ☒ 2 inch ☐ 4 inch ☐ 6 inch ☐		Depth to Water (ft.): 0.10		Depth of pump intake (ft.): 11.5		☒ .16 gal/ft (2 in.) ☐ .65 gal/ft (4 in.) ☐ 1.5 gal/ft (6 in.) ☐ _ gal/ft (_ in.)	
PID SCREENING (ppmV)			WELL MATERIAL ☒ PVC ☐ SS ☐		Height of water column (ft.): 12.4		Volume of Water in Well (gal): 2		Depth to NAPL (ft.): NA	
Background 0.0 Well Mouth 0.1 (if required)					Total Gallons Purged: 6 [Vol. = r²h(0.163)]		Thickness of NAPL (ft.): NA			
Time		10:00	10:05	10:10	10:15	10:20	10:25	10:30	10:35	--
Temp. (C.) - (±10%)		7.65	8.47	8.47	8.68	8.80	8.99	9.09	9.23	--
pH (Std.Units) - (± 0.1)		7.50	6.95	7.03	7.02	6.99	6.86	6.88	6.91	--
ORP (millivolts) - (± 10)		114	127	125	125	109	43	37	38	--
Conduct.(mS/cm) - (±3%)		1.13	1.15	1.15	1.14	1.14	1.14	1.14	1.14	--
Turb. (NTU) - (± 10%)		409	250	161	100	75.0	54.4	45.2	38.5	--
DO (mg/L) - (± 10%)		2.70	0.74	0.35	0.13	0.14	0.08	0.18	0.04	--
Depth to water (ft)		0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	--
Flow (ml/min)		250	250	250	250	250	250	250	250	--
Comments										
Pump Type		Purge	Sample	Description of Sampling Equipment						
Peristaltic Pump		☒	☒	Peristaltic Pump:						
Submersible Pump		☐	☐	PID (MR 3K)						
Bladder Pump		☐	☐	Horiba:						
Bailer:		☐	☐	IP: 27617						
Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers		Time Collected			Sample ID		
CP 51/TCL VOCs	N	HCL	40ml x VOA-3		11:30			TRC-MW-31D		
CP 51/TCL SVOCs	N	NONE	250ml AG-2							
1-4 Dioxane	N	NONE	250ml AG-2							
Remarks:		1. Used HDPE tubings.								
		2. -- = No Data Available								

[illegible]

**REMEDIAL INVESTIGATION REPORT
BCP SITE NO. C241256
42-24 ORCHARD STREET
QUEENS, NEW YORK 11101**

**Appendix E
Photograph Log**

Appendix E Photograph Log



Photo 1: Geophysical survey at proposed soil boring location SB-28, typical.



Photo 2: Collection of ambient air sample, TRC-AA.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
460578	Bob Bowden	1 of 8	BLDG Orchard, LLC	NYSDEC BCP Site No. C241256 42-24 Orchard St, Long Island City, NY	

Appendix E Photograph Log



Photo 3: Advancement of soil boring, TRC-SB-23/ MW-23 along Queens Street sidewalk.



Photo 4: Flush-mount 2-inch diameter monitoring well installed at TRC-MW-23.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
460578	Bob Bowden	2 of 8	BLDG Orchard, LLC	NYSDEC BCP Site No. C241256 42-24 Orchard St, Long Island City, NY	

Appendix E Photograph Log



Photo 5: Upwind CAMP station setup at southeast end of Queens Street, typical.



Photo 6: Collection of soil vapor sample, TRC-SV-09, on sidewalk of Queens Street.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
460578	Bob Bowden	3 of 8	BLDG Orchard, LLC	NYSDEC BCP Site No. C241256 42-24 Orchard St, Long Island City, NY	

Appendix E

Photograph Log



Photo 7: Collection of sub-slab soil vapor sample, TRC-SSV-03 and co-located indoor air sample, TRC-IA-03.



Photo 8: Development of monitoring well, TRC-MW-25, typical.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
460578	Bob Bowden	4 of 8	BLDG Orchard, LLC	NYSDEC BCP Site No. C241256 42-24 Orchard St, Long Island City, NY	

Appendix E Photograph Log



Photo 9: Advancement of soil boring, SB-02-N2, using Geoprobe 420M drill rig.



Photo 10: Groundwater sampling set up at monitoring well, TRC-MW-29, typical.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
460578	Bob Bowden	5 of 8	BLDG Orchard, LLC	NYSDEC BCP Site No. C241256 42-24 Orchard St, Long Island City, NY	

Appendix E Photograph Log



Photo 11: View of existing monitoring well, RMW-3, located in the northern portion of the Site.



Photo 12: View of 55-gallon drums containing purged groundwater and soil cuttings, located in the northwestern portion of the Site to be removed.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
460578	Bob Bowden	6 of 8	BLDG Orchard, LLC	NYSDEC BCP Site No. C241256 42-24 Orchard St, Long Island City, NY	

Appendix E Photograph Log



Photo 13: Soil boring material collected from TRC-SB-23 from 0 to 25 feet below ground surface (bgs), typical.



Photo 14: Slab Opening 02, typical.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
460578	Bob Bowden	7 of 8	BLDG Orchard, LLC	NYSDEC BCP Site No. C241256 42-24 Orchard St, Long Island City, NY	

Appendix E Photograph Log



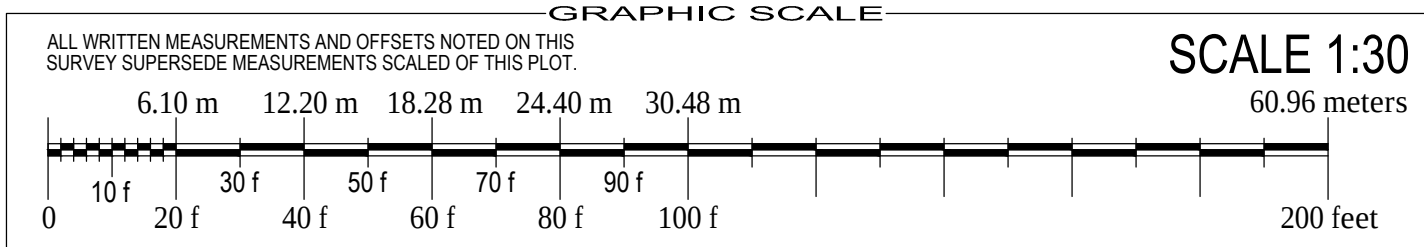
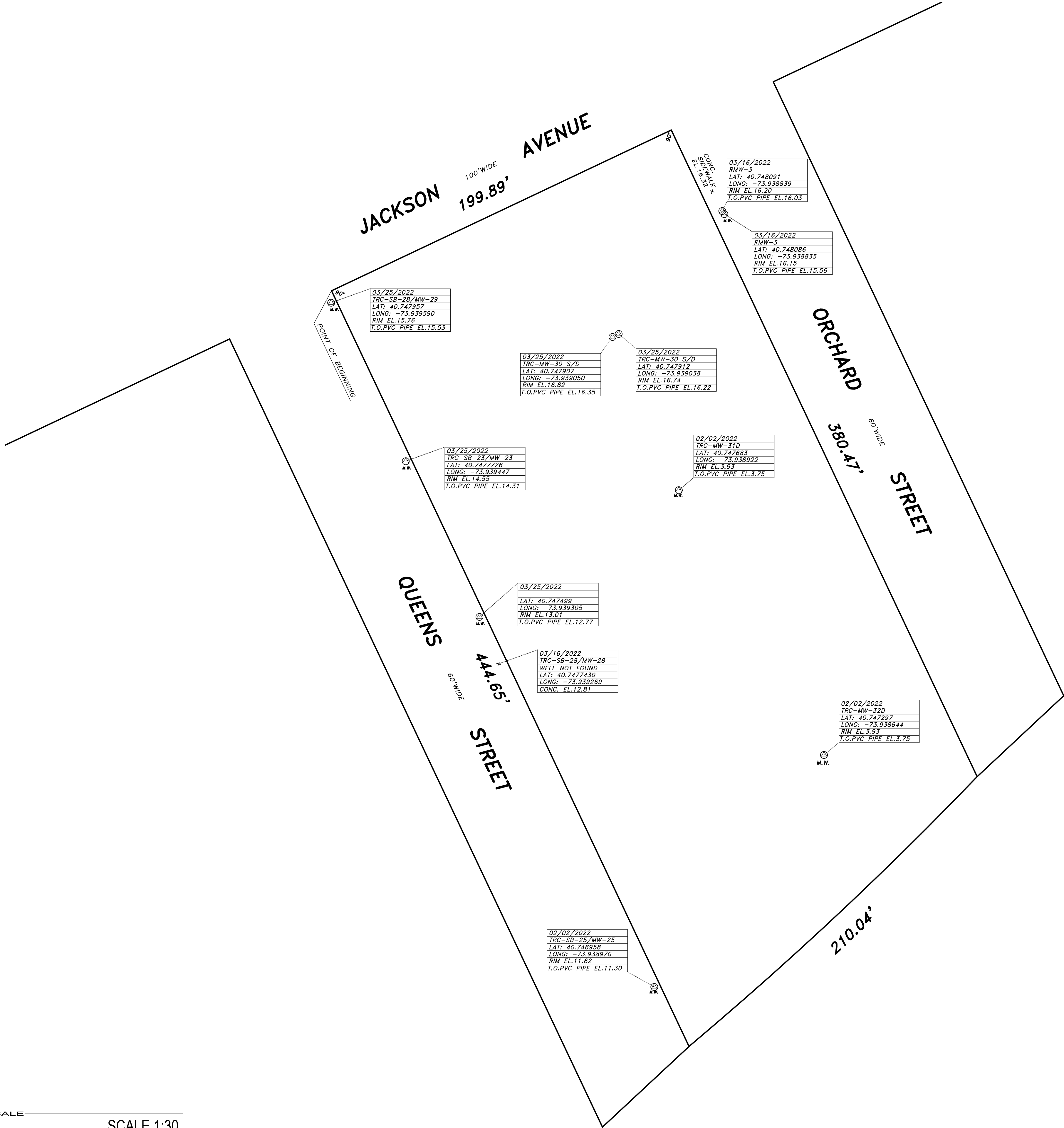
Photo 15: Building Sump 03, typical.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
460578	Bob Bowden	8 of 8	BLDG Orchard, LLC	NYSDEC BCP Site No. C241256 42-24 Orchard St, Long Island City, NY	

**REMEDIAL INVESTIGATION REPORT
BCP SITE NO. C241256
42-24 ORCHARD STREET
QUEENS, NEW YORK 11101**

**Appendix F
Survey Data**

JOB NO. Q 265-13-MW
SURVEYED ON: MARCH 25, 2022



UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYORS' EMBOSSED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID COPY. GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. GUARANTEES OR CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

SUBSURFACE UTILITIES ARE NOT GUARANTEED BY SURVEYOR. HIGH CAUTION RECOMMENDED AND VERIFICATION WITH PROPER CITY AGENCIES, IS MANDATORY BEFORE COMMENCING ALL NEW WORK.

ALL SUBSURFACE AND OVERHEAD UTILITIES (AS TO SIZE, TYPE AND DEPTH) SHOWN ON THIS SURVEY ARE TAKEN FROM RECORDS OF GOVERNMENTAL AGENCIES AND UTILITY COMPANIES, UNLESS OTHERWISE NOTED AND SHOWN.

COVER OR DEPTH OF UTILITIES WHICH DERIVED FROM FIELD MEASUREMENTS SHOWN ON THIS SURVEY SHOULD BE VERIFIED WITH PROPER AGENCY PRIOR TO CONSTRUCTION OF PROJECT. INVERT ELEVATIONS ARE DERIVED FROM CITY AGENCY RECORDS WHEN NOT AVAILABLE BY FIELD SURVEY AND NOTED AS "PER RECORD" ON THE SURVEY.

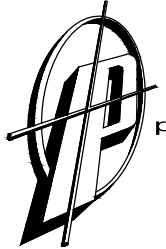
ALL SUBSURFACE UTILITY AS TO LOCATION AND DEPTH, SHOULD BE RECHECKED AND LEGAL GRADES SHOULD BE VERIFIED WITH THE TOPOGRAPHICAL BUREAU, PRIOR TO WRITING BEFORE COMMENCING CONSTRUCTION.

THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR NATURAL WATER COURSES ON THE SURVEYED PROPERTY EXCEPT AS SHOWN AND/OR DESCRIBED ON THIS SURVEY.

ALL OPERATIONS OF UNDERGROUND FACILITIES AND ALL EXCAVATIONS ARE OBLIGATED TO COMPLY WITH ARTICLE 36 OF THE GENERAL BUSINESS LAW AND WITH PROVISIONS OF INDUSTRIAL CODE PART 100.30 BEFORE ANY EXCAVATION OR DEMOLITION IS COMMENCED. EVERY EXCAVATOR IS REQUIRED BY THESE LAWS TO GIVE ADVANCE NOTICE TO EVERY OPERATOR OF UNDERGROUND FACILITIES OF HIS INTENT TO PERFORM EXCAVATION OR DEMOLITION WORK IN THE SPECIFIED AREA.

ALL ELEVATIONS SHOWN REFER TO THE NAVD 1988 DATUM. TO OBTAIN:

EVERY DISTANCES AND COORDINATES ARE IN ACCORDANCE WITH THE GPS COORDINATE SYSTEM (NORTH AMERICAN DATUM NAVD 1983).

42-24 ORCHARD STREET, LONG ISLAND CITY, QUEENS CO., NY,		
 PERFECT POINT LAND SURVEYING RT brooklyn • queens • manhattan • bronx phone: (718) 474-7700 fax: (718) 872-9699 info@ppsurveying.com www.ppsurveying.com	DATE: MARCH 25, 2022	SEC. BLOCK 265 LOT 13
		GUARANTEED TO:
		TITLE NO.
N.Y.S. L.L.S. 049844		

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYORS' EMBOSSED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID COPY. GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. GUARANTEES OR CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

**REMEDIAL INVESTIGATION REPORT
BCP SITE NO. C241256
42-24 ORCHARD STREET
QUEENS, NEW YORK 11101**

**Appendix G
Waste Disposal Manifests**

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number *****	2. Page 1 of 1	3. Emergency Response Phone 631-586-5900	4. Waste Tracking Number NHWM213769	
5. Generator's Name and Mailing Address BLDG ORCHARD, LLC 417 FIFTH AVENUE, 4TH FLOOR NEW YORK, NY 10016			Generator's Site Address (if different than mailing address) 42-24 ORCHARD STREET LONG ISLAND CITY, QUEENS, NY			
Generator's Phone: 631-393-2882						
6. Transporter 1 Company Name AARCO ENVIRONMENTAL SERVICES			U.S. EPA ID Number NYR000107326			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address DALE TRANSFER CORP. 129 DALE STREET, WEST BABYLON NY 11704			U.S. EPA ID Number N/A			
Facility's Phone: 631-393-2882						
9. Waste Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
1. NON-REGULATED LIQUIDS (PURGE WATER)			82	DM	7.00	P
2. NON-REGULATED SOLIDS (SOIL/FILL)			1	DM	4.00	P
3.						
4.						
13. Special Handling Instructions and Additional Information 1. APPROVAL # 2022-077 (.....x.....) 2. APPROVAL # 2022-078 (.....x.....) AARCO JOB #213769 TRUCK #B507						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Offor's Printed/Typed Name Brian Schmitt on behalf of BLDG Management Co Int			Signature <i>[Signature]</i>		Month 02	Day 02
					Year 2022	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>[Signature]</i>			Signature <i>[Signature]</i>		Month 2	Day 2
					Year 22	
Transporter 2 Printed/Typed Name			Signature		Month	Day
					Year	
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)			U.S. EPA ID Number			
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)			Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name Armando Sanchez			Signature <i>[Signature]</i>		Month 2	Day 2
					Year 22	

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE PROFILE Job Number:

Dale Transfer Corporation
129 Dale Street, West Babylon, NY 11704
Ph: 631-393-2882 Fx: 631-393-2884

Approved by: _____ Date: _____	
Profile Number: 2022-077	
GENERATOR:	
Name: BLDG Orchard, LLC	BILL TO/CLIENT:
Site Address: 42-24 Orchard Street	Name: AARCO Environmental Services Corp.
City/State/Zip: Long Island City, Queens, NY	Address: 50 Gear Avenue
Technical Contact: Monika Majewska	City/State/Zip: Lindenhurst, NY 11757
Technical Ph: 212.624.4395	Email: Splofker@aarcoenvironmental.com
Contact: Steve Plofker Ph: 631-586-5900	
TRANSPORTER:	
Name: AARCO Environmental Services Corp	Contact: Steve Plofker
Address: 50 Gear Avenue, Lindenhurst, NY 11757	Phone: 631-586-5900
Email: splofker@aarcoenvironmental.com	Fax: 631-586-5910
WASTE DESCRIPTION:	
Purge Water	
MANUFACTURING/PROCESS DESCRIPTION:	
Bailing from monitoring wells.	
TYPE OF CONTAMINATION:	
Gasoline ☐ Diesel ☐ Fuel Oil (2,4,6) ☐ Hydraulic Oil ☐ Other: None	
Kerosene ☐ Jet Fuel ☐ Motor Oil ☐ Used Oil ☐	
CONTAMINATION SOURCE:	
UST ☐ Historic ☐ Other: None	SITE USAGE HISTORY:
AST ☐ Spill ☐	Industrial ☒ Residential ☐
	Commercial ☒ Other: _____
PHYSICAL PROPERTIES:	
COLOR: Brown	REACTIVITY:
ODOR: ☒ None ☐ Mild ☐ Strong	Total Cyanides ☒ None
Describe: _____	Amenable Cyanides ☒ None
	Reactive Sulfidies ☒ None
PHYSICAL STATE:	
Liquid ☒ Multi-layerd ☐	Shock Sensitive ☐ Yes ☒ No
Semi-Solid ☐ Bi-layered ☐	
Solid ☐ Singe Phase ☒	Generates Toxic fumes when mixed w/water, acid, or base ☐ Yes ☒ No
Powder ☐ Gas/Aerosol ☐	
FLASH POINT:	
< 100 ☐ ≤ 2.0 ☐	SHIPPING INFORMATION:
≥ 100 ≤ 140 ☐ 2.01 - 5.0 ☐	Vactor ☐ Vac Truck ☐ Drums ☒
> 140 ≤ 200 ☒ 5.01 - 9.0 ☒	Other: _____
> 200 ☐ 9.01 - 12.49 ☐	Anticipated Volume (Gallons/Tons) 80 gallons
	One Time ☒ Week ☐ Month ☐
	Quarter ☐ Year ☐ Other: _____
CHEMICAL COMPOSITION/CHARACTERISTICS:	
Water % 98-100	REGULATORY INFORMATION:
Solids % 0-2	Proper Shipping Name: Non-Regulated Liquids (Purge Water)
% _____	
Analytical Attached: Yes ☒ No ☐ Lab: TestAmerica Disposition: Landfill ☐ Recycling ☒ Other: _____	

Generator's Certification: I certify the material described above on this profile are Non-Hazardous therefore not subject to federal regulations for reporting disposal of hazardous waste.

X _____
Authorized Signature
X President
Title

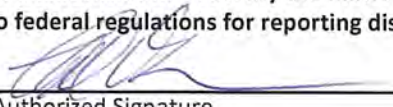
X Lloyd Goldman
Print Name
X 02/01/22
Date

NON-HAZARDOUS WASTE PROFILE Job Number:

Dale Transfer Corporation
129 Dale Street, West Babylon, NY 11704
Ph: 631-393-2882 Fx: 631-393-2884

Approved by: _____ Date: _____	
Profile Number: 2022-078	
GENERATOR:	
Name: BLDG Orchard, LLC	Name: AARCO Environmental Services Corp.
Site Address: 42-24 Orchard Street	Address: 50 Gear Avenue
City/State/Zip: Long Island City, Queens, NY	City/State/Zip: Lindenhurst, NY 11757
Technical Contact: Monika Majewska	Email: Splofker@aarcoenvironmental.com
Technical Ph: 212.624.4398	Contact: Steve Plofker Ph: 631-586-5900
TRANSPORTER:	
Name: AARCO Environmental Services Corp	Contact: Steve Plofker
Address: 50 Gear Avenue, Lindenhurst, NY 11757	Phone: 631-586-5900
Email: splofker@aarcoenvironmental.com	Fax: 631-586-5910
WASTE DESCRIPTION:	
Soil with fill material	
MANUFACTURING/PROCESS DESCRIPTION:	
Soil cuttings from well installs	
TYPE OF CONTAMINATION:	
Gasoline ☐ Diesel ☐ Fuel Oil (2,4,6) ☐ Hydraulic Oil ☐ Other: Fill	
Kerosene ☐ Jet Fuel ☐ Motor Oil ☐ Used Oil ☐	
CONTAMINATION SOURCE:	
UST ☐ Historic ☒ Other: _____	Industrial ☒ Residential ☐
AST ☐ Spill ☐	Commercial ☒ Other: _____
PHYSICAL PROPERTIES:	
COLOR: Brown	Total Cyanides ☒ None
ODOR: ☒ None ☐ Mild ☐ Strong	Amenable Cyanides ☒ None
Describe: _____	Reactive Sulfidies ☒ None
PHYSICAL STATE:	
Liquid ☐ Multi-layerd ☐	Shock Sensitive ☐ Yes ☒ No
Semi-Solid ☐ Bi-layered ☐	Generates Toxic fumes when mixed w/water, acid, or base ☐ Yes ☒ No
Solid ☒ Singe Phase ☒	
Powder ☐ Gas/Aerosol ☐	
FLASH POINT:	
< 100 ☐ ≤ 2.0 ☐	Vactor ☐ Vac Truck ☐ Drums ☒
≥ 100 ≤ 140 ☐ 2.01 - 5.0 ☐	Other: _____
> 140 ≤ 200 ☒ 5.01 - 9.0 ☒	Anticipated Volume (Gallons/Tons) 55-gallons
> 200 ☐ 9.01 - 12.49 ☐	One Time ☒ Week ☐ Month ☐
	Quarter ☐ Year ☐ Other: _____
CORROSITIVITY:	
≥ 12.50 ☐	
CHEMICAL COMPOSITION/CHARACTERISTICS:	
Water (Absorbed) % 10-20	Proper Shipping Name: Non-Regulated Material
Soil % 80-90	(Soil/Fill)
REGULATORY INFORMATION:	
Analytical Attached: Yes ☒ No ☐ Lab: TestAmerica Disposition: Landfill ☐ Recycling ☒ Other: _____	

Generator's Certification: I certify the material described above on this profile are Non-Hazardous therefore not subject to federal regulations for reporting disposal of hazardous waste.

X 
Authorized Signature
X President
Title

X Lloyd Goldman
Print Name
X 02/01/22
Date

Appendix H
Laboratory Analytical Data Reports
(Refer to Compact Disc)

Appendix I
Data Usability Summary Reports (DUSRs)
(Refer to Compact Disc)