GEI Consultants

Consulting
Engineers and
Scientists

February 8, 2019

Ms. Sarah Quandt
Division of Environmental Remediation
NYSDEC Region 3
625 Broadway
Albany, New York 11233

Re: Supplemental Remedial Investigation Report, NYSDEC BCP Site No. C231102, 3875 9th Avenue, New York, New York

Dear Ms. Quandt:

GEI Consultants, Inc. P.C. (GEI) is pleased to provide this Supplemental Remedial Investigation Report (SRIR) to the New York State Department of Environmental Conservation (NYSDEC) for Brownfield Cleanup Program (BCP) Site No. C231102, located at 3875 9th Avenue, New York, New York (Site). As requested in a NYSDEC letter dated October 1, 2018, GEI conducted this Supplemental Remedial Investigation (SRI). The initial Remedial Investigation Report (RIR), dated September 2018, indicated the presence of elevated chlorinated volatile organic compounds (CVOCs) in soil vapor in the southwestern portion of the site. The NYSDEC required that three (3) additional soil vapor samples be collected off-site in the sidewalk to determine whether the soil vapor contamination may be emanating from an on-Site and/or entering the site from an off-Site source. The NYSDEC requested in an e-mail dated October 29, 2018, that the resampling of monitoring well MW-111 was also to be completed as part of the SRI. The SRI was completed in compliance with the NYSDEC approved Remedial Investigation Work Plan (RIWP).

This SRIR addresses the NYSDEC comment letter dated October 1, 2018 and provides a replacement set of Tables and Figures for the RIR which includes the SRI data results.

Site History

The Site was previously investigated in accordance with the scope of work presented in the NYSDEC-approved RIWP dated May 22, 2017. The Remedial Investigation (RI) was conducted between April 2018 and May 2018. The RIR was submitted to NYSDEC on July 2, 2018 and the NYSDEC provided comments on August 1, 2018 and September 18, 2018. The RIR was finalized on September 25, 2018 pending the inclusion of the SRIR data. Based on the RI results, three additional soil vapor samples and one additional groundwater sample were collected as part of this SRI work.

Site Location and Description

The Site is located at 3875 9th Avenue within the Inwood section of the Borough of Manhattan, City of New York, State of New York, as shown on **Figure 1**. The site is 71,575 square feet (1.64 acres) and encompasses an entire city block (Block 2188, Lot 1). According to the New York City tax map, the Site is bounded by 9th Avenue to its west, West 207th Street/University Heights Bridge approach to the south, West 208th Street to the north and

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Exterior Street to the east. West 208th Street and Exterior Street are both mapped streets that were never constructed. Beyond the Site boundary to the east and to the north, the land is a natural wooded riparian area bounded by the Harlem River and North Cove, respectively. Currently, the entire Site is an asphalt-paved lot used for parking. There is a parking attendant trailer in the northwestern corner of the parking lot, and the parking lot is surrounded by a chain link fence.

Supplemental Remedial Investigation Methods

Groundwater Gauging and Sample Collection

During the SRI, two additional rounds of Depth to Water (DTW) measurements were collected to determine shallow groundwater flow beneath the site. The depth to groundwater and the total well depth was measured at each of the groundwater monitoring wells using a multi-parameter interface probe attached to a measuring tape accurate to 0.01 foot. The depth to groundwater measurements were collected to coincide with the Harlem River tidal cycle. The first round of DTW measurements were collected beginning at 10:20am, 22 minutes prior to the listed high tide of 10:42am. The second round of DTW measurements were collected beginning at 4:35pm, 23 minutes prior to the listed low tide of 4:58pm. Groundwater contour maps were developed based upon the measurements collected.

One groundwater sample was collected from the Site monitoring well MW-111 (identified as MW-111A on the chain of custody) using low-flow sampling methodology with dedicated and decontaminated sampling equipment. Prior to collecting the groundwater sample, the depth to groundwater and the total well depth was measured using a multi-parameter interface probe attached to a measuring tape accurate to 0.01 foot. No free-phase product was detected during purging or sampling. Purging of the well continued until the turbidity of the water decreased and groundwater quality parameters stabilized. The Groundwater Sampling Log is included as **Appendix A**.

The groundwater sample was stored on ice and transported to Alpha Analytical Laboratories, Inc. (Alpha), of Westborough, Massachusetts, under standard chain-of-custody procedures and analyzed for Target Compound List (TCL) semivolatile organic compounds (SVOCs) via United Stated Environmental Protection Agency (USEPA) Method 8270. Alpha is a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP)-certified laboratory.

Quality Assurance/Quality Control (QA/QC) procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analyses for this investigation. QA/QC samples collected for during this sampling event included a duplicate, a matrix spike, a matrix spike duplicate, and a field blank. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

Groundwater analytical data is provided in **Table 1**. A map showing groundwater contours is provided as **Figure 2** and the groundwater exceedances are provided in **Figure 3.**

Soil Vapor (SV) Monitoring Point Installations and SV Sample Collection

A total of three soil vapor probes (SV-103A, SV-103B, and SV-103C) were installed in the adjacent sidewalk southwest of the Site property boundary. The soil vapor probes were installed using 1-inch diameter steel drill rods advanced using direct push drilling methods. The borehole was originally extended to 10 feet below land surface. Moist and wet soil was observed between 8 and 8.5 below land surface in all three locations, and therefore the vapor probes were set at 6.5 feet below land surface in all locations. Each borehole location was backfilled to the depth of the vapor point to ensure the sample was collected from the desired depth.

The soil vapor probes consisted of a prefabricated 2-3-inch perforated steel vapor probe tip attached to 3/8-inch diameter low-density polyethylene (LDPE) plastic riser tubing. Once driven to depth, the rods were removed leaving only the tip and the tubing. The vapor probe borehole was backfilled with #2 morie well-grade sand. A surface seal was placed using an impermeable clay seal installed within the last 6-inches of the probe-hole annulus from surface grade level. The sampling points were enclosed in 4-inch well covers flush-mounted to surface grade.

Three soil vapor samples were collected from the three soil vapor probes. Samples were collected in 6-liter Summa canisters which were certified clean by the laboratory and analyzed by using USEPA Method TO-15. After sample collection, the SUMMA canisters were transported to Alpha Analytical Laboratories Inc (Alpha), of Westborough, Massachusetts, under standard chain-of-custody procedures. Alpha is a NYSDOH ELAP-certified laboratory. Flow rate of both purging and sampling did not exceed 0.2 liters per minute (L/min). Samples were collected over an approximate period of 2-hours. Prior to collection, each sampling point was purged of three tubing volumes using a peristaltic pump. Pertinent information including sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, vacuum of canisters before and after the samples are collected, and chain-of-custody protocols were recorded in the project field book. Additionally, a duplicate sample at location SV-103B was collected for QA/QC.

As part of the vapor intrusion evaluation, a tracer gas was used in accordance with NYSDOH protocols to serve as a QA/QC device to verify the integrity of each soil vapor probe seal. Helium was used as the tracer gas and an inverted bucket served to keep it in contact with the probe during testing. A portable monitoring device was used to analyze a sample of soil vapor for the tracer gas prior to sampling. Helium readings pre-sampling were below the required 10% indicating that the probe seals remained intact.

Soil vapor analytical data is provided in **Table 2**. A map showing soil vapor detections is shown in **Figure 4.**

Community Air Monitoring Program

GEI implemented a Community Air Monitoring Program (CAMP) during the SRI to conduct monitoring and protection for potential off-Site receptors. The CAMP included two air monitoring stations (one upwind and one downwind). Each monitoring station consisted of one photoionization detector (PID) and one particulate meter. No CAMP exceedances occurred.

Data Validation

Data validation for the project was conducted by Judy V. Harry of Data Validation Services (DVS), North Creek, New York. The validation was performed to assess compliance with the analytical method protocols described in the NYSDEC Analytical Services Protocol (ASP).

Laboratory data to be validated was provided as a Category B deliverable and DVS prepared a data usability summary report (DUSR) for the samples. The DUSR is provided in **Appendix B** and is summarized below:

Most sample results are usable either as reported or with minor qualification/edit. However, the result for one semivolatile analyte in the groundwater sample is rejected and not usable (3,3'-Dichlorobenzidine).

Accuracy, precision, data completeness, reproducibility, sensitivity, and comparability are acceptable.

Blind Field Duplicate Correlations

The field duplicate correlations of MW-111A are within validation guidelines. Those for SV-103B show outliers for the following compounds, the results for which are qualified as estimated in the parent sample and its duplicate: dichlorodifluoromethane, ethanol, 2-butanone, 4-methyl-2-pentanone, 2,2,4-trimethylpentane, ethylbenzene, m,p-xylene, o-xylene, 1,2,4-trimethylbenene, and 1,3,5-trimethyl-benzene.

TCL Semivolatile Analyses by USEPA Method 8270D

3,3'-Dichlorobenzidine failed to recover in the matrix spikes of MW-111A. Therefore, the result for that compound has been rejected in that parent sample. The results for 4-chloroaniline and 4-nitroaniline in that parent sample are qualified as estimated in value due to low recoveries (26% to 39%) in those matrix spikes.

The results for 4-chloroaniline are qualified as estimated in the samples and field blank due to low recoveries (36% and 37%) in the associated laboratory control samples (LCSs).

Holding time requirements were met. Sample surrogate and internal standard recoveries are compliant. Calibration standards show responses within the validation guidelines. Blanks show no contamination.

Volatile Analyses by EPA TO-15 - Full Scan

Holding times were met, surrogate and internal standard responses are compliant, and instrument tunes meet fragmentation requirements. Method and canister blanks show no contamination.

Initial and continuing calibration standard (ICV and CCV) linearity and calibration verification responses are within validation guidelines, with the following exception, the results for which are qualified as estimated in the associated, indicated samples.

Results of analytes initially reported with the "E" qualifier are derived from dilution analyses of the samples, thus reflecting response within established linear range of the instruments.

The following qualifiers were added by the data validator:

- UJ - The analyte was analyzed for but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.

- R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.

The UJ qualifiers do not disqualify the data usability. The R disqualified data is not usable; however, 3,3'-Dichlorobenzidine was not detected in any of the monitoring wells during the May 2018 RI and is not a contaminant of concern.

Supplemental Remedial Investigation Results

Groundwater Gauging Results

The groundwater levels measured during the SRI are summarized in the table below.

Well ID	Top of Casing Elevation (ft. amsl)	Date: 5/23/18 08:15 (Mid Tide)		Date: 11/9/18 10:30 (High Tide)		Date: 11/9/18 16:30 (Low Tide)	
		Depth to water	Groundwater Elevation (ft. amsl)	Depth to water	Groundwater Elevation (ft. amsl)	Depth to water	Groundwater Elevation (ft. amsl)
MW-103	10.99	9.68	1.31	9.19	1.8	10.38	0.61
MW-104	11.58	10.17	1.41	9.73	1.85	10.89	0.69
MW-105	9.15	6.97	2.18	6.92	2.23	6.75	2.4
MW-109R	7.95	5.89	2.06	4.6	3.35	5.74	2.21
MW-111	8.74	7.16	1.58	6.79	1.95	7.5	1.24

Groundwater elevation contour maps were developed based upon the measurements collected and is included as **Figure 2.**

Groundwater Analytical Results

Groundwater analytical results from monitoring well location MW-111 (identified as MW-111A on the chain of custody) indicated that two SVOCs were detected above their respective Ambient Water Quality Standards Guidance Value (AWQS), Benzo(a)anthracene at a concentration of 0.06 micrograms per liter (µg/L) (AWQS 0.002 µg/L) and Chrysene at a concentration of 0.06 µg/L (AWQS 0.002 µg/L). All other SVOCs were either not detected or were below the AWQS. Data results from the May 2018 RI indicated, Benzo(a)anthracene and Chysene were also detected in soils at SB-111/MW-111 with concentrations above the Restricted Residential Soil Cleanup Objectives (RRSCOs). Groundwater analytical results with Laboratory Category B Deliverables are included in **Appendix B** and are shown on **Figure 3**.

Soil Vapor Analytical Results

Several petroleum related volatile organic compounds (VOCs) were detected at low levels in soil vapor samples collected during the SRI. These included, but were not limited to Benzene, Toluene, Ethylbenzene, and Xylenes. Elevated chlorinated VOCs detections of compounds included tetrachloroethene (PCE) at a maximum concentration of 1,500 micrograms per cubic meter (µg/m³) in SV-103B, (on-site maximum of 2,220 µg/m³ in SV-103) trichloroethene (TCE) at 408 µg/m³ in vapor point SV-103C (on-site maximum of 5,970 µg/m³ in SV-103). Additionally, cis-1,2-Dichloroethene (c1,2-DCE) was detected only in vapor point SV-103B at 5.59 µg/m³ (on-site maximum of 245 µg/m³ in SV-103). Vinyl chloride was not detected in any off-Site soil vapor samples collected during the SRI.

Maximum concentrations of analytes detected in soil vapor samples collected off-Site are summarized below and detected concentrations are compared to SV-103 detections:

Chlorinated VOC's	**SV-103 On-Site**	**SV-103A Off-site, 30' North**	**SV-103B Off-site, 40' West**	**SV-103C Off-site, 40' South**
	(µg/m³)			
Tetrachloroethene (PCE)	2,220	571	1,500	1,340
Trichloroethene (TCE)	5,970	67.2	325	408
Cis-1,2-Dichloroethene	245	ND	5.59	ND
Vinyl Chloride	11.3	ND	ND	ND

Overall, concentrations of chlorinated VOCs were lower in soil vapor samples collected from the off-Site locations. Chlorinated VOC concentrations, although lower than the detections in SV-103, were still elevated in comparison to chlorinated VOC detections in the remaining samples collected from on-Site. Petroleum-related VOCs were not detected in on-Site location SV-103 but detected at low levels in off-Site locations SV-103A, SV-103B, and SV-103C. Overall, petroleum-related VOCs were detected at higher levels during the RI in locations throughout the Site than off-Site locations during the SRI.

Soil Vapor analytical results with Laboratory Category B Deliverables are included in **Appendix C** and are shown on **Figure 4.**

Updated Site Conceptual Model

Soil

No additional soil samples were collected as part of the SRI. The identified soil impacts are present within the fill unit on the Site and primarily consist of SVOCs and metals, typical of urban or historical fill within the area and may be attributable to the former auto wrecking operations that occurred historically during 1924 to 1954 and to the fill material of an unknown origin placed on Site between 1951 and 1968. The contaminated fill layer was present throughout the Site and typically consisted of sand with varying amounts of silt, brick, metal, and other debris, and was observed up to approximately 10-12 feet below land surface (ft bls) in most locations. Soil in boring SB-111 displayed a strong petroleum odor and elevated PID readings to a depth of 14 ft bls. Although petroleum related VOCs found in soil were not above the applicable standards for the Site (Restricted Residential Use Soil Cleanup Objectives [RRUSCOs]), they were above their respective Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) and found in groundwater above AWQS, indicating that these compounds may be entering the groundwater from the impacted soil identified at this sample location. This was only observed at the SB-111 location and does not appear to be a sitewide phenomenon, rather a localized impact most likely related to former auto wrecking operations.

Groundwater

The closest surface water body is the Harlem River, located adjacent to the east of the Site. Groundwater in the vicinity of the Site flows to the northeast toward the river and is expected to be tidally influenced. Local groundwater flow on the Site appears to be toward the west, and fluctuates in elevation with the tide, with the flow direction remaining similar regardless of whether measurements are collected at high or low tide. Nearby pumping of groundwater or unknown former below grade structures related to the historical waterfront (i.e., buried bulkheads, cribbing, etc.) could also be influencing the Site groundwater flow. Groundwater elevations from the SRI and RI are shown on **Table 3**.

Groundwater at the Site had detections of VOCs, SVOCs, and metals above AWQS. Total Perfluorooctanic acid (PFOA) + perfluorooctanesulfonic acid (PFOS) were detected in two monitoring wells above the screening level. Past uses of the Site and surrounding area did not indicate a possible on-Site or off-Site source for PFOA or PFOS. Furthermore, there are no known historical major fires (on-Site or adjacent to the Site) in which firefighting foam (a common source of PFOA/PFOS) may have been used. 1,4-Dioxane was detected in one monitoring well above the screening level. Petroleum-related VOC exceedances were detected in one monitoring well (MW-111) on the eastern side of the Site, and chlorinated VOC exceedances were detected in one monitoring well (MW-103) on the western side of the Site. SVOCs were exceeded in one monitoring well (MW-111). Monitoring well MW-111 was resampled for SVOCs in November 2018 and the detections were less than the detections in the May 2018 RI. A summary of the SVOC results at monitoring well location MW-111 from May 2018 compared to the November 2018 results is summarized in the table below.

Sample Name Sample Date	MW-111 5/23/2018	MW-111A 11/9/2018	NYS AWQS
SVOCs/NYSDEC PAH17 (ug/L)			
Benzo(a)anthracene	**0.13**	**0.06 J**	**0.002***
Benzo(b)fluoranthene	**0.07 J**	**ND**	**0.002***
Benzo(a)pyrene	**0.05 J**	**ND**	**GV**
Chrysene	**0.11**	**0.06 J**	**0.002**

Notes:
J = The result is an estimated value
ND = Not Detected
GV = The guidance value is equal to a detectable concentration
* Indicates the value is a guidance value and not a standard

The lower concentrations detected may be attributed to the presence of sediment in the May 2018 groundwater sample and therefore the November 2018 sample provides a more realistic representation of the groundwater concentrations present.

Other than the fill unit and the impacts noted in SB-111, no other on- or off-Site source areas were identified as potentially attributable to the MW-103 and MW-111 impacted groundwater. The rail yard and filling station located northwest and west of the Site across 9th Avenue were identified in the AKRF Phase I ESA for the site with active- and closed-status spill listings, hazardous waste generator listings, and PBS tank registrations. A monitoring well is present in the 9th Avenue sidewalk adjacent to the Site and may have been associated with an investigation conducted by the filling station. These two properties were identified as potential source areas for Site groundwater contamination. However, these potential source areas were considered to be unlikely because evidence of petroleum impacts would have been expected in groundwater near

the western (i.e., upgradient) property boundary. Dissolved metals exceedances were detected in all monitoring wells and included magnesium, manganese, and sodium. These metals are considered naturally occurring and are likely related to the close proximity of the Harlem River and are not considered contaminants of concern for this Site. Barium was detected in all the groundwater samples collected during the RI, but only exceeded the AWQS in MW-111 and may be related to the petroleum impacts detected at this location, as barium is used in fuel additives.

Soil Vapor

Petroleum-related VOCs and Chlorinated VOCs were detected in all of the soil vapor samples collected on-Site. Both the former on-Site auto wrecking operations and the off-Site filling station could be a potential source for the petroleum related soil vapor impacts. Elevated levels of chlorinated VOCs were primarily located on the western portion of the Site and may be attributable to the fill material of an unknown origin placed on Site between 1951 and 1968. No other on- or off-Site sources were identified. The highest concentrations of chlorinated VOCs were detected at SV-103, and included cis-1,2-Dichloroethene, tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride. Lower concentrations of these same compounds were detected in off-Site samples collected during a SRI within the adjacent sidewalks as requested by NYSDEC. PCE and TCE are typical degreasers used for cleaning metal parts and could be related to the past on-Site and/or off-Site auto wrecking or service operations. PCE is also used as a dry-cleaning solvent that may have been used by off-Site former carpet cleaning facilities identified on the south adjacent properties and/or the laundry and cleaners. TCE is also formed in the environment as a breakdown product of PCE, along with cis-1,2-Dichloroethene and vinyl chloride.

The highest concentrations of petroleum-related VOCs were detected in the center and eastern areas of the Site. The highest concentrations of VOCs in soil vapor were detected in SV-101, and included Cyclohexane, n-heptane (C7), and n-Hexane (C6). This sample was collected near soil boring location SB-111, which has overall the most impacted soils. Cyclohexane is associated with use as a solvent, it is a component of petroleum and was historically used as a pesticide. Heptane is typically associated with use as a fuel additive, it is also used in paints and coatings and it is a solvent for cleaning and degreasing. The soil vapor detections may be potentially attributable to the former auto wrecking operations that occurred historically during 1924 to 1954 or to the fill material of an unknown origin placed on Site between 1951 and 1968 or to the off-Site filling station. No other on- or off-Site sources were identified. The concentrations of VOCs in soil vapor indicate that soil vapor intrusion could impact future buildings if an environmental remedy is not implemented.

SRIR Conclusions

Groundwater

During GEI's May 2018 RI, the groundwater measurements appeared to indicate the tide was influencing groundwater levels. Consistent with GEI's observations, the July 2018 geotechnical investigation conducted by Mueser Rutledge Consulting Engineers (MRCE) noted a reverse gradient, where groundwater appeared to flow away from the Harlem River. Although no dewatering activities are known at this time, MRCE suggested this unexpected groundwater flow gradient could be attributable to nearby pumping or dewatering. Unknown former below grade structures related to the historical waterfront (i.e., buried bulkheads, cribbing, etc.) could also be influencing the site groundwater flow. GEI conducted two additional groundwater gauging events on November 9, 2018, one to correspond with each of the high and low tide cycles for the day. Consistent with previous gauging results from both GEI and MRCE,

groundwater was observed at higher elevations near the Harlem River than inland near 9th Avenue, and fluctuates in elevation with the tide, with the flow direction remaining similar regardless of whether measurements are collected at high or low tide. A summary of groundwater levels and groundwater elevation data is provided in the *Groundwater Gauging Results* Section.

During GEI's May 2018 RI, SVOCs exceeded the AWQS in one monitoring well (MW-111). In November 2018 GEI resampled monitoring well, MW-111 for SVOCs utilizing low-flow methods. Compared to the May sampling event, SVOC concentrations were either lower or non-detect in MW-111 in November. Two analytes were above AWQS (Benzo(a)anthracene and Chrysene), although both were lower by about half of the May 2018 results. Several other analytes were detected but were below the AWQS (Table 2). Two of the SVOCs detected during the May 2018 sampling at MW-111(Benzo(b)fluoranthene, Benzo(a)pyrene) were not detected during the November 2018 SRI. The lower concentrations detected may be attributed to the presence of sediment in the May groundwater sample. Sediments in groundwater can provide a surface for contaminants to sorb to and provide inaccurately higher contamination concentrations in groundwater sample results than are actually present in the groundwater. This situation is common in a monitoring well that is newly installed and is not well developed or in monitoring wells that are located close to wetlands or riverine systems. The presence of sediment in the groundwater sample collected at MW-111 in November 2018 was eliminated to the maximum extent possible through purging and low flow groundwater sampling and therefore provides a more realistic representation of the groundwater concentrations present (comparison of sampling data sheets also indicated that a lower turbidity level was noted in the November 2018 SRI compared to the May 2018 RI).

On-Site and Off-Site Soil Vapor Contamination

A total of nine soil vapor samples and one duplicate soil vapor sample were collected from on-Site locations during the RI. VOCs were detected in all soil vapor samples collected during the RI. The highest concentrations of chlorinated VOCs were detected at SV-103, and included cis-1,2-Dichloroethene, tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride. Lower concentrations of these same compounds were detected in off-Site samples collected during the November 2018 SRI within the adjacent sidewalks.

VOCs were detected in all three soil vapor samples (SV-103A, SV-103B, and SV-103C) collected during the SRI. Detected compounds were similar in nature to those detected during the RI at location SV-103. Concentrations of chlorinated VOCs were lower at locations SV-103A, SV-103B, and SV-103C than the concentrations detected in soil vapor samples from the SV-103 on-Site location. Petroleum-related VOCs were not detected in on-Site location SV-103 but detected at low levels in off-Site locations SV-103A, SV-103B, and SV-103C. Overall, petroleum-related VOCs were detected at higher levels during the RI in other locations throughout the Site than in off-Site locations during the SRI.

Additional investigation is needed to fully evaluate the potential for soil vapor intrusion off-site.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Kathryn Sommo
Senior Ecologist/Environmental Scientist

Gary A. Rozmus, P.E.
Senior Consultant

WJF:kmh
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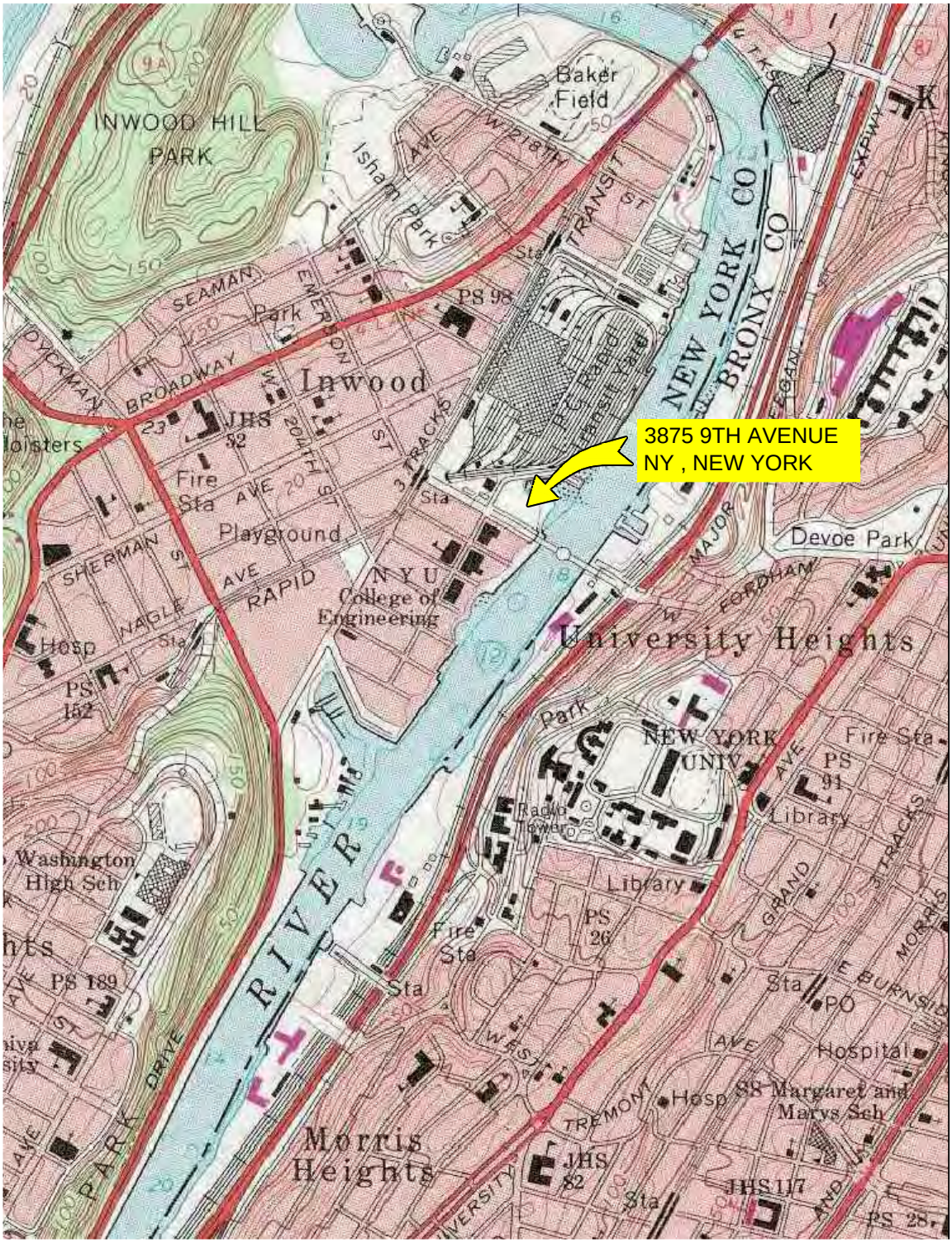
Figures



0 500 1000

SCALE: 1" = 500'

SOURCE:

USGS CENTRAL PARK QUADRANGLE MAP

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT 207TH STREET/ 9TH AVENUE 3875 9TH AVENUE, NY, NY	GEI Consultants	USGS TOPOGRAPHIC MAP SITE LOCATION
J.207 ST LLC AND MFC REALTY CORP. FLORAL PARK, NY	Project 1801342	JANUARY 2019 Fig. 1

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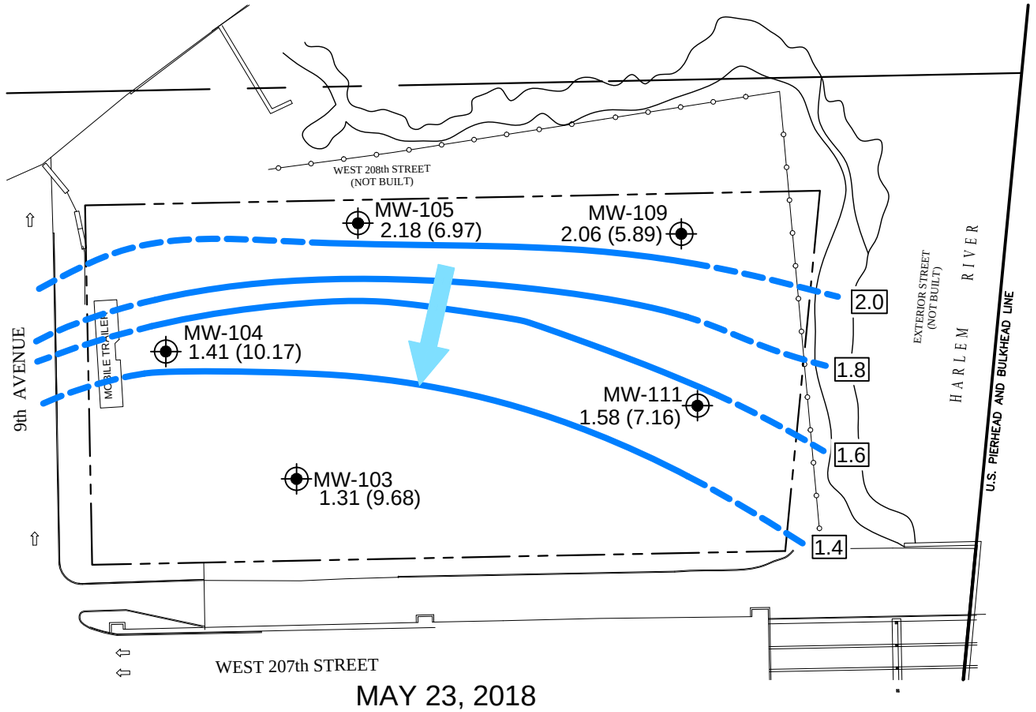
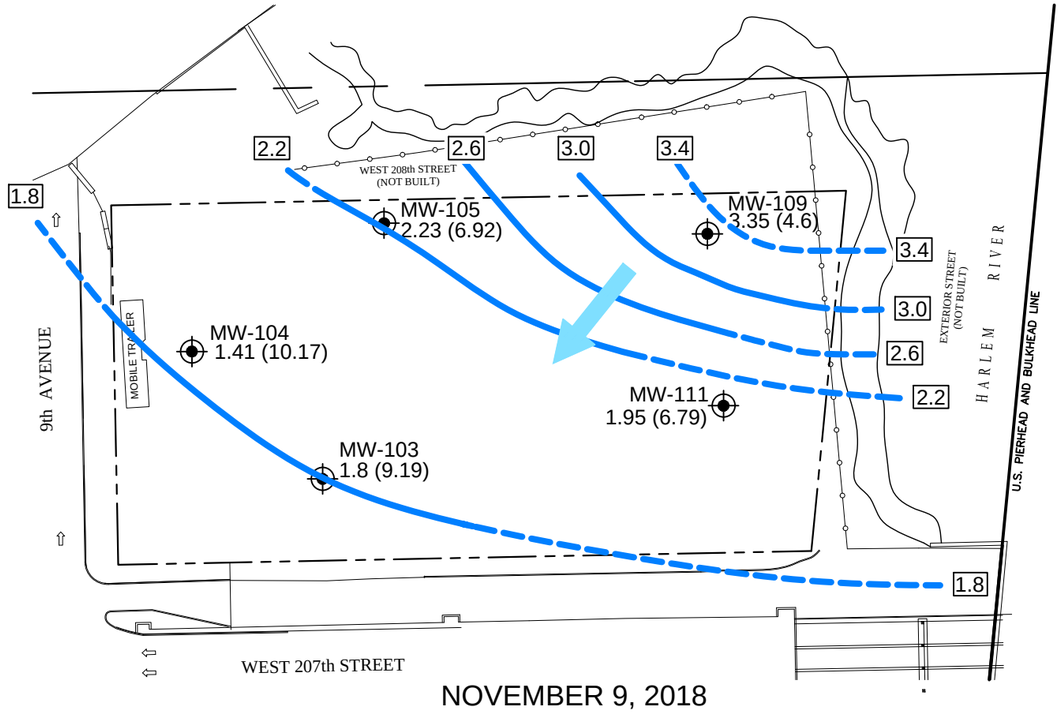


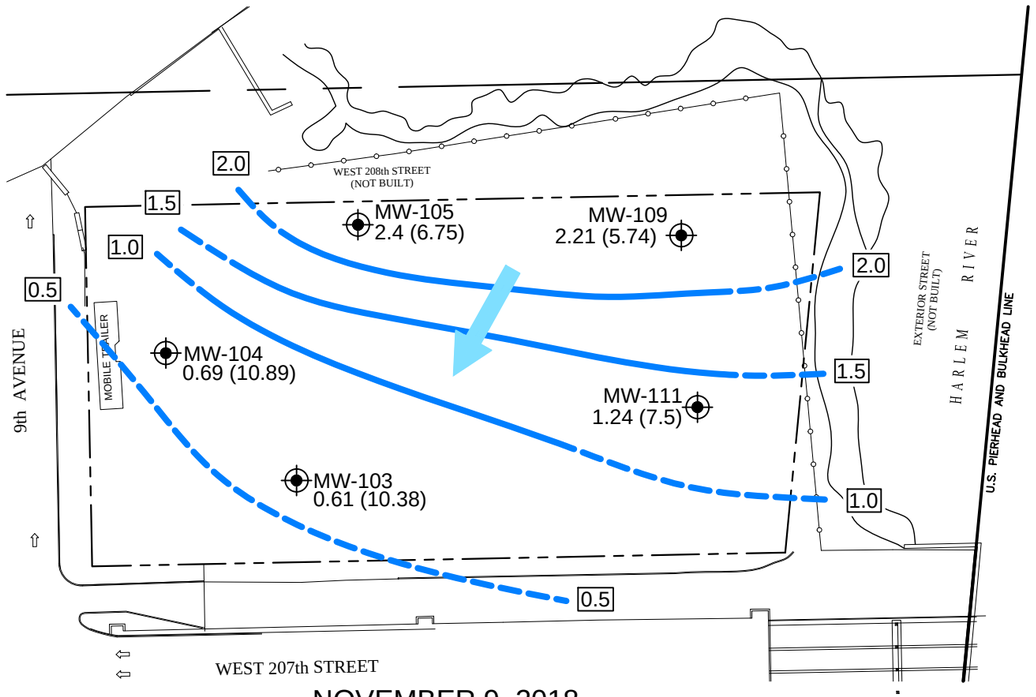
MAY 23, 2018

MID TIDE



NOVEMBER 9, 2018

HIGH TIDE



NOVEMBER 9, 2018

LOW TIDE

LEGEND

MONITORING WELL LOCATION

1.31 WATER TABLE ELEVATION (FEET ABOVE MEAN SEA LEVEL)

(9.68) DEPTH TO WATER (FEET BELOW LAND SURFACE)

NOTE: GROUND WATER ELEVATION IS TIDALLY INFLUENCED

0 80 160

SCALE: 1" = 80'

BLOCK: 2188
LOT: 1

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
207TH STREET/ 9TH AVENUE
3875 9TH AVENUE, NY, NY

J.207 ST LLC AND MFC REALTY CORP.
FLORAL PARK, NY

GEI Consultants

Project 1801342

GROUNDWATER ELEVATION CONTOURS

JANUARY 2019 Fig. 2

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Sample Name	MW-105
Sample Date	5/22/2018
PFAS (ng/L)	
Total PFOA + PFOS	86.4 J-
Dissolved Metals (mg/L)	
Magnesium	103 J-
Sodium	1200 J-

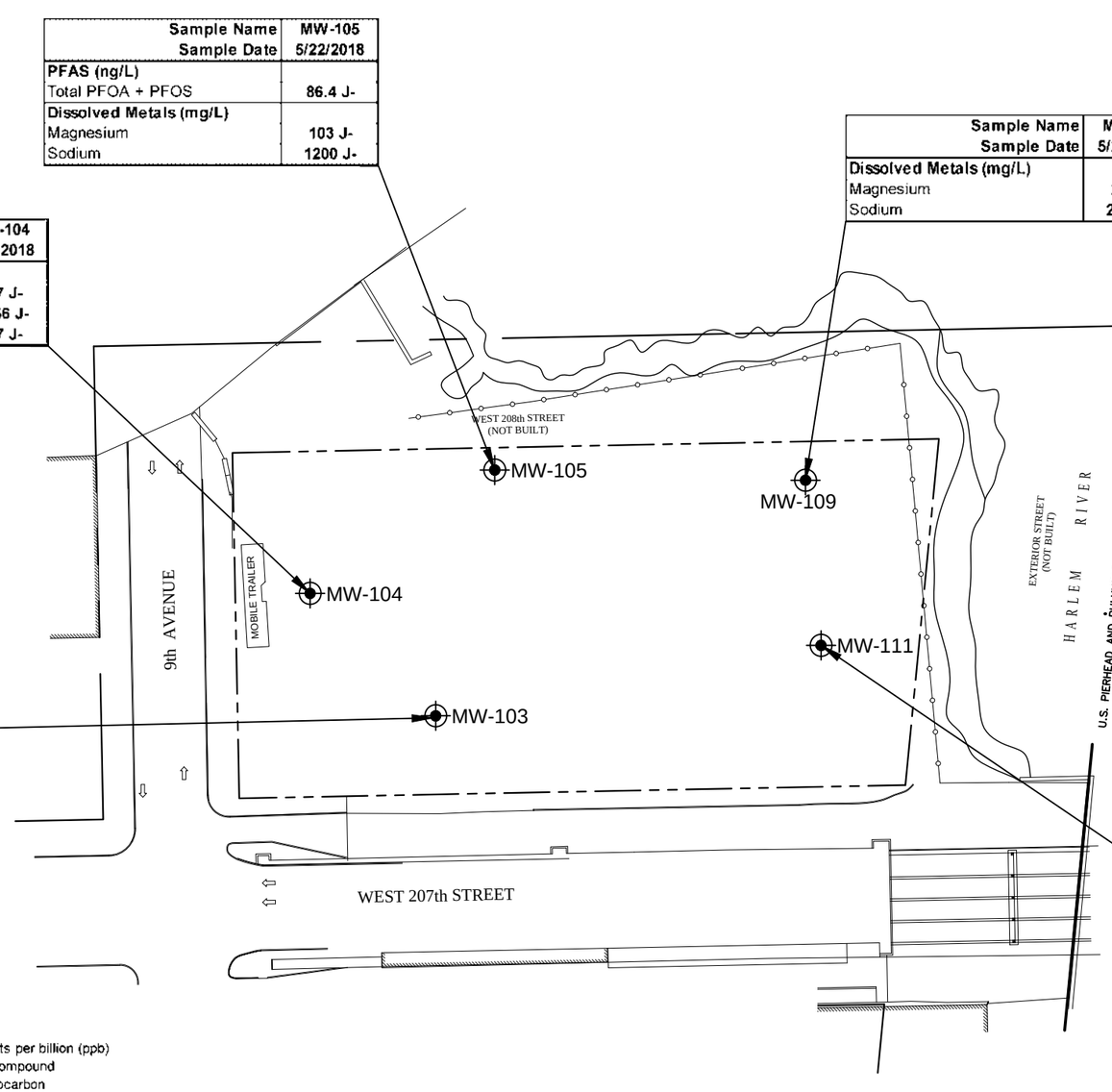
Sample Name	MW-109
Sample Date	5/23/2018
Dissolved Metals (mg/L)	
Magnesium	228 J-
Sodium	2040 J-

Sample Name	MW-104
Sample Date	5/22/2018
Dissolved Metals (mg/L)	
Magnesium	117 J-
Manganese	3.956 J-
Sodium	117 J-

Sample Name	MW-103	MW-103 (DUP)
Sample Date	5/22/2018	5/22/2018
VOCs (ug/L)		
cis-1,2-Dichloroethene	67	69
Vinyl chloride	42 J-	44 J-
Dissolved Metals (mg/L)		
Manganese	1.95 J-	2.002 J-
Sodium	113 J-	113 J-

Sample Name	MW-111	MW-111A	MW-111X
Sample Date	5/23/2018	11/9/2018	11/9/2018
VOCs (ug/L)			
Benzene	1.5	NA	NA
Isopropylbenzene	9.5	NA	NA
n-Propylbenzene	20	NA	NA
1,2,4,5-Tetramethylbenzene	22	NA	NA
SVOCs/NYSDEC PAH17 (ug/L)			
Benzo(a)anthracene	0.13	0.06 J	0.05 J
Benzo(b)fluoranthene	0.07 J	ND	ND
Benzo(a)pyrene	0.05 J	ND	ND
Chrysene	0.11	0.06 J	0.05 J
1,4-Dioxane	2.37	NA	NA
PFAS			
Total PFAS	145.7	NA	NA
Dissolved Metals (mg/L)			
Barium	2.288 J-	NA	NA
Magnesium	114 J-	NA	NA
Manganese	1.072 J-	NA	NA
Sodium	967 J-	NA	NA

Analyte	NYS AWQS
VOCs (ug/l)	
Benzene	1
cis-1,2-Dichloroethene	5
Isopropylbenzene	5
n-Propylbenzene	5
1,2,4,5-Tetramethylbenzene	5
Vinyl chloride	2
SVOCs/NYSDEC PAH17 (ug/L)	
1,4-Dixoane	0.035
Benzo(a)anthracene	0.002*
Benzo(b)fluoranthene	0.002*
Benzo(a)pyrene	ND
Chrysene	0.002*
PFAS (ng/L)	
Total PFOA + PFOS	70**
Dissolved Metals (mg/L)	
Barium	1
Iron	0.3
Magnesium	35*
Manganese	0.3
Sodium	20



Notes:
mg/L = milligrams/liter
ng/L = nanogram per liter
ug/L = micrograms per liter or parts per billion (ppb)
SVOC = Semi-Volatile Organic Compound
PAH = Polycyclic Aromatic Hydrocarbon
VOC = Volatile Organic Compound
PFAS = Per- and polyfluoroalkyl substances
NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater
* indicates the value is a guidance value and not a standard
** indicates the value is a screening level and not a standard
J = The result is an estimated value
J- = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low
NA = Not Analyzed
ND = The guidance value is equal to a detectable concentration
Only exceedances of the NYS AWQS are shown with the exception of metals, where only the dissolved metals exceedances of the NYS AWQS are shown.

LEGEND
MONITORING WELL LOCATION

BLOCK: 2188
LOT: 1

0 80 160
SCALE: 1" = 80'

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
207TH STREET/ 9TH AVENUE
3875 9TH AVENUE, NY, NY

J.207 ST LLC AND MFC REALTY CORP.
FLORAL PARK, NY

GEI Consultants

Project 1801342

SUMMARY OF GROUNDWATER EXCEEDANCES

DECEMBER 2018 Fig. 3

Sample Name	SV-104
Sample Depth	8 ft.
Sample Date	5/14/2018
VOCs (ug/m3)	
Benzene	3.55
Toluene	55
Ethylbenzene	28.2
o-Xylene	49.5
m/p-Xylene	102
Acetone	496
t-Butyl alcohol (Tertiary Butyl Alcohol)	1.6
Carbon disulfide	5.29
Dichlorodifluoromethane (Freon 12)	9.49
Ethanol	30.9
Ethyl acetate	11
4-Ethyltoluene (p-Ethyltoluene)	24.9
n-Heptane (C7)	4.75
n-Hexane (C6)	2.34
2-Hexanone	3.44
Methyl ethyl ketone (2-Butanone)	54
4-Methyl-2-pentanone (MIBK)	8.28
2-Propanol (Isopropyl Alcohol)	2.28
Tetrachloroethene (PCE)	171
Tetrahydrofuran	31.3
Trichloroethene (TCE)	20.6
Trichlorofluoromethane (Freon 11)	17.4
1,2,4-Trimethylbenzene	98.3
1,3,5-Trimethylbenzene	37
2,2,4-Trimethylpentane (iso-Octane)	18.1

Sample Name	SV-107
Sample Depth	6 ft.
Sample Date	5/14/2018
VOCs (ug/m3)	
Benzene	30.4
Toluene	70.5
Ethylbenzene	25.8
o-Xylene	34.6
m/p-Xylene	96.4
Acetone	136
1,3-Butadiene	5.75
t-Butyl alcohol (Tertiary Butyl Alcohol)	11.2
Carbon disulfide	79.4
Chloroform (Trichloromethane)	2.32
Chloromethane	3.45
Cyclohexane	16.3
Dichlorodifluoromethane (Freon 12)	2.34
1,2-Dichloroethane	0.935
cis-1,2-Dichloroethene	3.18
4-Ethyltoluene (p-Ethyltoluene)	9.34
n-Heptane (C7)	13.7
n-Hexane (C6)	23.4
Methyl ethyl ketone (2-Butanone)	20.7
4-Methyl-2-pentanone (MIBK)	3.15
2-Propanol (Isopropyl Alcohol)	2.38
Tetrachloroethene (PCE)	2.86
Tetrahydrofuran	4.69
Trichloroethene (TCE)	5.28
Trichlorofluoromethane (Freon 11)	1.33
1,2,4-Trimethylbenzene	38.7
1,3,5-Trimethylbenzene	13.9
2,2,4-Trimethylpentane (iso-Octane)	182
Vinyl chloride	1.03

Sample Name	SV-106
Sample Depth	5 ft.
Sample Date	5/14/2018
VOCs (ug/m3)	
Benzene	2.73
Toluene	2.89
Ethylbenzene	1.21
o-Xylene	2.21
m/p-Xylene	3.92
Carbon disulfide	5.01
Cryofluorane (Freon 114)	3.11
Cyclohexane	41
Dichlorodifluoromethane (Freon 12)	3.85
cis-1,2-Dichloroethene	1.81
n-Heptane (C7)	37.3
n-Hexane (C6)	65.9
Methyl tert-butyl ether (MTBE)	707
Tetrachloroethene (PCE)	8.61
1,2,4-Trimethylbenzene	3.91
1,3,5-Trimethylbenzene	2.51
2,2,4-Trimethylpentane (iso-Octane)	976
Vinyl chloride	51.4

Sample Name	SV-109
Sample Depth	5 ft.
Sample Date	5/14/2018
VOCs (ug/m3)	
Benzene	6.36
Toluene	49.7
Ethylbenzene	19.6
o-Xylene	27.6
m/p-Xylene	76.9
Acetone	37.1
t-Butyl alcohol (Tertiary Butyl Alcohol)	3.46
Carbon disulfide	15.5
Chloromethane	0.681
Cyclohexane	20.1
Dichlorodifluoromethane (Freon 12)	3.79
n-Heptane (C7)	27.3
n-Hexane (C6)	31.1
Methyl ethyl ketone (2-Butanone)	3.69
2-Propanol (Isopropyl Alcohol)	2.24
Tetrachloroethene (PCE)	1.6
Tetrahydrofuran	2.14
1,2,4-Trimethylbenzene	47.8
1,3,5-Trimethylbenzene	23
2,2,4-Trimethylpentane (iso-Octane)	177
Vinyl chloride	1.12

Sample Name	SV-102
Sample Depth	4 ft.
Sample Date	5/14/2018
VOCs (ug/m3)	
Benzene	0.687
Toluene	3.92
Ethylbenzene	1.14
o-Xylene	1.55
m/p-Xylene	4.26
Acetone	22.6
t-Butyl alcohol (Tertiary Butyl Alcohol)	5.37
Carbon disulfide	1.47
Chloroform (Trichloromethane)	1.86
Dichlorodifluoromethane (Freon 12)	2.02
Methylene chloride	2.16
Tetrachloroethene (PCE)	17.2
Trichloroethene (TCE)	1.84
Trichlorofluoromethane (Freon 11)	1.34
1,2,4-Trimethylbenzene	2.1
1,3,5-Trimethylbenzene	1.03

Sample Name	SV-101
Sample Depth	5 ft.
Sample Date	5/14/2018
VOCs (ug/m3)	
Cyclohexane	25900
n-Heptane (C7)	10200
n-Hexane (C6)	12200

Sample Name	SV-103A
Sample Depth	6.5 ft.
Sample Date	11/9/2018
VOCs (ug/m3)	
Benzene	2.25
Toluene	46.7
Ethylbenzene	4.14
o-Xylene	4.91
m/p-Xylene	15.6
Acetone	119
t-Butyl alcohol (Tertiary Butyl Alcohol)	17.7
Carbon disulfide	2.27
Chloroform (Trichloromethane)	4.93
Dichlorodifluoromethane (Freon 12)	2.69
Ethanol	156
n-Heptane (C7)	10.7
n-Hexane (C6)	2.19
2-Hexanone	1.86
Methyl ethyl ketone (2-Butanone)	4.69
2-Propanol (Isopropyl Alcohol)	10.9
Tetrachloroethene (PCE)	571
Trichloroethene (TCE)	67.2
Trichlorofluoromethane (Freon 11)	2.43
1,2,4-Trimethylbenzene	4.38
2,2,4-Trimethylpentane (iso-Octane)	2.02

Sample Name	SV-103B	SV-103X
Sample Depth	6.5 ft.	6.5 ft.
Sample Date	11/9/2018	11/9/2018
VOCs (ug/m3)		
Benzene	1.03	ND
Toluene	7.2	5.58
Ethylbenzene	2.32	ND
o-Xylene	3.71	ND
m/p-Xylene	8.56	ND
Acetone	37.3	32.5
t-Butyl alcohol (Tertiary Butyl Alcohol)	18.6	16.2
Carbon disulfide	0.841	ND
Chloroform (Trichloromethane)	64	56.6
Dichlorodifluoromethane (Freon 12)	2.77	ND
cis-1,2-Dichloroethene	5.59	4.64
Ethanol	37.5	ND
4-Ethyltoluene (p-Ethyltoluene)	1.6	ND
2-Hexanone	11.8	8.89
Methyl ethyl ketone (2-Butanone)	7.08	ND
4-Methyl-2-pentanone (MIBK)	6.11	ND
2-Propanol (Isopropyl Alcohol)	2.15	ND
Tetrachloroethene (PCE)	1500*	1550
Trichloroethene (TCE)	325	284
Trichlorofluoromethane (Freon 11)	1.6	ND
1,2,4-Trimethylbenzene	9.83	6.19
1,3,5-Trimethylbenzene	2.95	ND
2,2,4-Trimethylpentane (iso-Octane)	1.98	ND

Sample Name	SV-103	SV-103 (DUP)
Sample Depth	8 ft.	8 ft.
Sample Date	5/14/2018	5/14/2018
VOCs (ug/m3)		
cis-1,2-Dichloroethene	245	228
Tetrachloroethene (PCE)	2220	2780
Trichloroethene (TCE)	5970	6020
Vinyl chloride	11.3	11.4

Sample Name	SV-103C
Sample Depth	6.5 ft.
Sample Date	11/9/2018
VOCs (ug/m3)	
Toluene	11.5
o-Xylene	5.13
m/p-Xylene	12.1
Acetone	30.6
Bromodichloromethane	15.8
1,3-Butadiene	2.28
t-Butyl alcohol (Tertiary Butyl Alcohol)	10.7
Chloroform (Trichloromethane)	247
Ethanol	52.2
2-Hexanone	6.56
Methyl ethyl ketone (2-Butanone)	8.67
Tetrachloroethene (PCE)	1340
Trichloroethene (TCE)	408
1,2,4-Trimethylbenzene	10.7

Sample Name	SV-108
Sample Depth	6 ft.
Sample Date	5/14/2018
VOCs (ug/m3)	
Benzene	40.6
Toluene	44.1
Ethylbenzene	8.25
o-Xylene	15.8
m/p-Xylene	29.3
Cyclohexane	33.1
1,2-Dichloroethane	37
1,1-Dichloroethene	11.1
cis-1,2-Dichloroethene	29.3
trans-1,2-Dichloroethene	4.12
4-Ethyltoluene (p-Ethyltoluene)	5.16
n-Heptane (C7)	72.5
n-Hexane (C6)	113
Methyl tert-butyl ether (MTBE)	44.3
Tetrachloroethene (PCE)	8.82
Trichloroethene (TCE)	29.6
1,2,4-Trimethylbenzene	20.1
1,3,5-Trimethylbenzene	9.39
2,2,4-Trimethylpentane (iso-Octane)	869
Vinyl chloride	187

Sample Name	SV-105
Sample Depth	5 ft.
Sample Date	5/14/2018
VOCs (ug/m3)	
Benzene	29.6
Toluene	41.8
Ethylbenzene	46.9
o-Xylene	77.7
m/p-Xylene	95.1
Acetone	11.3
t-Butyl alcohol (Tertiary Butyl Alcohol)	10.2
Carbon disulfide	27.7
Carbon tetrachloride	7.17
Chloroform (Trichloromethane)	3.13
Cyclohexane	49.9
Dichlorodifluoromethane (Freon 12)	3.79
1,2-Dichloroethane	1.12
cis-1,2-Dichloroethene	1.39
4-Ethyltoluene (p-Ethyltoluene)	21.3
n-Heptane (C7)	83.2
n-Hexane (C6)	100
Methyl ethyl ketone (2-Butanone)	3.39
Tetrachloroethene (PCE)	45.8
Tetrahydrofuran	5.46
Trichloroethene (TCE)	46.9
Trichlorofluoromethane (Freon 11)	1.28
1,2,4-Trimethylbenzene	72.3
1,3,5-Trimethylbenzene	46.1
2,2,4-Trimethylpentane (iso-Octane)	50.9

WEST 208th STREET (NOT BUILT)

9th AVENUE

MOBILE TRAILER

EXTERIOR STREET (NOT BUILT)

H A R L E M R I V E R

U.S. PIERHEAD AND BULKHEAD LINE

WEST 207th STREET

SV-104 SV-106 SV-107 SV-109 SV-102 SV-101 SV-108 SV-105 SV-103A SV-103 SV-103B SV-103C

Notes:

VOC = Volatile Organic Compound

ug/m3 = micrograms per cubic meter

ONLY DETECTIONS ARE SHOWN

LEGEND

⊗ SOIL VAPOR LOCATION

0 80 160

SCALE: 1" = 80'

BLOCK: 2188
LOT: 1

* - ORIGINAL SAMPLE RESULT WAS 1420 UG/M3, CONCENTRATION EXCEEDED THE RANGE OF THE CALIBRATION CURVE AND/OR LINEAR RANGE OF THE INSTRUMENT. THE REPORTED RESULT IS FROM THE SECOND RUN.

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
207TH STREET/ 9TH AVENUE
3875 9TH AVENUE, NY, NY

J.207 ST LLC AND MFC REALTY CORP.
FLORAL PARK, NY

GEI Consultants

Project 1801342

SOIL VAPOR SAMPLE RESULTS

JANUARY 2019 Fig. 4

\\hts1v-fs01\ \\hts1v-fs01\data\Tech\Environmental Projects\MADDD Equities\207th Street Inwood - J.207 ST LLC and MFC REALTY CORP\CAD\Figures\SRIR\1801342 - SRIR - Fig 4.dwg - 1/8/2019

Tables

Table 1. Soil Vapor Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample ID	**SV-101**		**SV-102**		**SV-103**		**SV-X**		**SV-104**		**SV-105**		**SV-106**	
Sample Date	**5/14/2018**		**5/14/2018**		**5/14/2018**		**5/14/2018**		**5/14/2018**		**5/14/2018**		**5/14/2018**	
Parent Sample							**SV-103**							
Client Matrix	**Soil Vapor**		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
BTEX	µg/m^3		µg/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
Benzene	431	U	**0.687**		12.9	U	12.9	U	**3.55**		**29.6**		**2.73**	
Toluene	509	U	**3.92**		15.2	U	15.2	U	**55**		**41.8**		**2.89**	
Ethylbenzene	586	U	**1.14**		17.5	U	17.5	U	**28.2**		**46.9**		**1.21**	
o-Xylene	586	U	**1.55**		17.5	U	17.5	U	**49.5**		**77.7**		**2.21**	
m/p-Xylene	1170	U	**4.26**		35.1	U	35	U	**102**		**95.1**		**3.92**	
Other VOCs	µg/m^3		µg/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
Acetone	1610	U	**22.6**		48		47.7	U	**496**		**11.3**		2.38	U
Allyl chloride (3-Chloropropene)	423	U	0.626	U	12.6	U	12.6	U	0.626	U	0.626 U	U	0.626	U
Benzyl chloride	699	U	1.04	U	20.9	U	20.9	U	1.04	U	1.04 U	U	1.04	U
Bromodichloromethane	904	U	1.34	U	27.1	U	27	U	1.34	U	1.34 U	U	1.34	U
Bromoform	1400	U	2.07	U	41.8	U	41.7	U	2.07	U	2.07 U	U	2.07	U
Bromomethane	524	U	0.777	U	15.7	U	15.6	U	0.777	U	0.777 U	U	0.777	U
1,3-Butadiene	299	U	0.442	U	8.94	U	8.92	U	0.442	U	0.442 U	U	0.442	U
t-Butyl alcohol (Tertiary Butyl Alcohol)	1020	U	**5.37**		30.6	U	30.6	U	**1.6**		**10.2**		1.52	U
Carbon disulfide	420	U	**1.47**		12.6	U	12.5	U	**5.29**		**27.7**		**5.01**	
Carbon tetrachloride	849	U	1.26	U	25.4	U	25.4	U	1.26	U	**7.17**		1.26	U
Chlorobenzene	622	U	0.921	U	18.6	U	18.6	U	0.921	U	0.921 U	U	0.921	U
Chloroethane	356	U	0.528	U	10.7	U	10.6	U	0.528	U	0.528 U	U	0.528	U
Chloroform (Trichloromethane)	659	U	**1.86**		19.7	U	19.7	U	0.977	U	**3.13**		0.977	U
Chloromethane	279	U	0.413	U	8.34	U	8.32	U	0.413	U	0.413 U	U	0.413	U
Cryofluorane (Freon 114)	944	U	1.4	U	28.2	U	28.2	U	1.4	U	1.4 U	U	**3.11**	
Cyclohexane	**25900**		0.688	U	13.9	U	13.9	U	0.688	U	**49.9**		**41**	
Dibromochloromethane	1150	U	1.7	U	34.4	U	34.3	U	1.7	U	1.7 U	U	1.7	U
1,2-Dibromoethane (EDB)	1040	U	1.54	U	31	U	31	U	1.54	U	1.54 U	U	1.54	U
1,2-Dichlorobenzene (o-DCB)	812	U	1.2	U	24.3	U	24.2	U	1.2	U	1.2 U	U	1.2	U
1,3-Dichlorobenzene (m-DCB)	812	U	1.2	U	24.3	U	24.2	U	1.2	U	1.2 U	U	1.2	U
1,4-Dichlorobenzene (p-DCB)	812	U	1.2	U	24.3	U	24.2	U	1.2 U	U	1.2 U	U	1.2	U
Dichlorodifluoromethane (Freon 12)	668	U	**2.02**		20	U	19.9	U	**9.49**		**3.79**		**3.85**	
1,1-Dichloroethane	546	U	0.809	U	16.4	U	16.3	U	0.809	U	0.809 U	U	0.809	U
1,2-Dichloroethane	546	U	0.809	U	16.4	U	16.3	U	0.809	U	**1.12**		0.809	U
1,1-Dichloroethene	535	U	0.793	U	16	U	16	U	0.793	U	0.793 U	U	0.793	U
cis-1,2-Dichloroethene	535	U	0.793	U	**245**		**228**		0.793	U	**1.39**		**1.81**	
trans-1,2-Dichloroethene	535	U	0.793	U	16	U	16	U	0.793	U	0.793 U	U	0.793	U
1,2-Dichloropropane	624	U	0.924	U	18.7	U	18.6	U	0.924	U	0.924 U	U	0.924	U
cis-1,3-Dichloropropene	613	U	0.908	U	18.3	U	18.3	U	0.908	U	0.908 U	U	0.908	U
trans-1,3-Dichloropropene	613	U	0.908	U	18.3	U	18.3	U	0.908	U	0.908 U	U	0.908	U
1,4-Dioxane	486	U	0.721	U	14.6	U	14.5	U	0.721	U	0.721 U	U	0.721	U
Ethanol	6370	U	9.42	U	190	U	190	U	**30.9**		9.42 U	U	9.42	U
Ethyl acetate	1220	U	1.8	U	36.4	U	36.4	U	**11**		1.8 U	U	1.8	U
4-Ethyltoluene (p-Ethyltoluene)	664	U	0.983	U	19.9	U	19.8	U	**24.9**		**21.3**		0.983	U
n-Heptane (C7)	**10200**		0.82	U	16.6	U	16.5	U	**4.75**		**83.2**		**37.3**	

Table 1. Soil Vapor Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample ID	SV-101		SV-102		SV-103		SV-X		SV-104		SV-105		SV-106	
Sample Date	5/14/2018		5/14/2018		5/14/2018		5/14/2018		5/14/2018		5/14/2018		5/14/2018	
Parent Sample							SV-103							
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,3-Hexachlorobutadiene (C-46)	1440	U	2.13	U	43.1	U	43	U	2.13	U	2.13 U	U	2.13	U
n-Hexane (C6)	**12200**		0.705	U	14.2	U	14.2	U	**2.34**		**100**		**65.9**	
2-Hexanone	553	U	0.82	U	16.6	U	16.5	U	**3.44**		0.82 U	U	0.82	U
Methyl ethyl ketone (2-Butanone)	997	U	1.47	U	29.8	U	29.8	U	**54**		**3.39**		1.47	U
Methyl tert-butyl ether (MTBE)	487	U	0.721	U	14.6	U	14.5	U	0.721	U	0.721 U	U	**707**	
4-Methyl-2-pentanone (MIBK)	1390	U	2.05	U	41.4	U	41.4	U	**8.28**		2.05 U	U	2.05	U
Methylene chloride	1170	U	**2.16**		35.1	U	35.1	U	1.74	U	1.74 U	U	1.74	U
2-Propanol (Isopropyl Alcohol)	831	U	1.23	U	24.8	U	24.8	U	**2.28**		1.23 U	U	1.23	U
Styrene	575	U	0.852	U	17.2	U	17.2	U	0.852	U	0.852 U	U	0.852	U
1,1,2,2-Tetrachloroethane	927	U	1.37	U	27.7	U	27.7	U	1.37	U	1.37 U	U	1.37	U
Tetrachloroethene (PCE)	915	U	**17.2**		**2220**		**2780**		**171**		**45.8**		**8.61**	
Tetrahydrofuran	997	U	1.47	U	29.8	U	29.8	U	**31.3**		**5.46**		1.47	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1030	U	1.53	U	31	U	30.9	U	1.53	U	1.53 U	U	1.53	U
1,2,4-Trichlorobenzene	1000	U	1.48	U	30	U	29.9	U	1.48	U	1.48 U	U	1.48	U
1,1,1-Trichloroethane (TCA)	737	U	1.09	U	22	U	22	U	1.09	U	1.09 U	U	1.09	U
1,1,2-Trichloroethane	737	U	1.09	U	22	U	22	U	1.09	U	1.09 U	U	1.09	U
Trichloroethene (TCE)	726	U	**1.84**		**5970**		**6020**		**20.6**		**46.9**		1.07	U
Trichlorofluoromethane (Freon 11)	759	U	**1.34**		22.7	U	22.6	U	**17.4**		**1.28**		1.12	U
1,2,4-Trimethylbenzene	664	U	**2.1**		19.9	U	19.8	U	**98.3**		**72.3**		**3.91**	
1,3,5-Trimethylbenzene	664	U	**1.03**		19.9	U	19.8	U	**37**		**46.1**		**2.51**	
2,2,4-Trimethylpentane (iso-Octane)	631	U	0.934	U	18.9	U	18.8	U	**18.1**		**50.9**		**976**	
Vinyl bromide (Bromoethene)	590	U	0.874	U	17.7	U	17.6	U	0.874	U	0.874 U	U	0.874	U
Vinyl chloride	345	U	0.511	U	**11.3**		**11.4**		0.511	U	0.511 U	U	**51.4**	

Table 1. Soil Vapor Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample ID	**SV-107**		**SV-108**		**SV-109**		**SV-103A**		**SV-103B**		**SV-103X**		**SV-103C**	
Sample Date	**5/14/2018**		**5/14/2018**		**5/14/2018**		**11/9/2018**		**11/9/2018**		**11/9/2018**		**11/9/2018**	
Parent Sample											**SV-103B**			
Client Matrix	**Soil Vapor**		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
BTEX	ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
Benzene	**30.4**		**40.6**		**6.36**		**2.25**		**1.03**		3.19	U	3.19	U
Toluene	**70.5**		**44.1**		**49.7**		**46.7**		**7.2**		**5.58**		**11.5**	
Ethylbenzene	**25.8**		**8.25**		**19.6**		**4.14**		**2.32**	**J**	4.34	UJ	4.34	U
o-Xylene	**34.6**		**15.8**		**27.6**		**4.91**		**3.71**	**J**	4.34	UJ	**5.13**	
m/p-Xylene	**96.4**		**29.3**		**76.9**		**15.6**		**8.56**	**J**	8.69	UJ	**12.1**	
Other VOCs	ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
Acetone	**136**		11.9	U	**37.1**		**119**		**37.3**		**32.5**		**30.6**	
Allyl chloride (3-Chloropropene)	0.626	U	3.13	U	0.626	U	1.25	U	0.626	U	3.13	U	3.13	U
Benzyl chloride	1.04	U	5.18	U	1.04	U	2.07	U	1.04	U	5.18	U	5.18	U
Bromodichloromethane	1.34	U	6.7	U	1.34	U	2.68	U	1.34	U	6.7	U	**15.8**	
Bromoform	2.07	U	10.3	U	2.07	U	4.14	U	2.07	U	10.3	U	10.3	U
Bromomethane	0.777	U	3.88	U	0.777	U	1.55	U	0.777	U	3.88	U	3.88	U
1,3-Butadiene	**5.75**		2.21	U	0.442	U	0.885	U	0.442	U	2.21	U	**2.28**	
t-Butyl alcohol (Tertiary Butyl Alcohol)	**11.2**		7.58	U	**3.46**		**17.7**		**18.6**		**16.2**		**10.7**	
Carbon disulfide	**79.4**		3.11	U	**15.5**		**2.27**		**0.841**		3.11	U	3.11	U
Carbon tetrachloride	1.26	U	6.29	U	1.26	U	2.52	U	1.26	U	6.29	U	6.29	U
Chlorobenzene	0.921	U	4.61	U	0.921	U	1.84	U	0.921	U	4.61	U	4.61	U
Chloroethane	0.528	U	2.64	U	0.528	U	1.06	U	0.528	U	2.64	U	2.64	U
Chloroform (Trichloromethane)	**2.32**		4.88	U	0.977	U	**4.93**		**64**		**56.6**		**247**	
Chloromethane	**3.45**		2.07	U	**0.681**		0.826	U	0.413	U	2.07	U	2.07	U
Cryofluorane (Freon 114)	1.4	U	6.99	U	1.4	U	2.8	U	1.4	U	6.99	U	6.99	U
Cyclohexane	**16.3**		**33.1**		**20.1**		1.38	U	0.688	U	3.44	U	3.44	U
Dibromochloromethane	1.7	U	8.52	U	1.7	U	3.41	U	1.7	U	8.52	U	8.52	U
1,2-Dibromoethane (EDB)	1.54	U	7.69	U	1.54	U	3.07	U	1.54	U	7.69	U	7.69	U
1,2-Dichlorobenzene (o-DCB)	1.2	U	6.01	U	1.2	U	2.4	U	1.2	U	6.01	U	6.01	U
1,3-Dichlorobenzene (m-DCB)	1.2	U	6.01	U	1.2	U	2.4	U	1.2	U	6.01	U	6.01	U
1,4-Dichlorobenzene (p-DCB)	1.2	U	6.01	U	1.2	U	2.4	U	1.2	U	6.01	U	6.01	U
Dichlorodifluoromethane (Freon 12)	**2.34**		4.94	U	**3.79**		**2.69**		**2.77**	**J**	4.94	UJ	4.94	U
1,1-Dichloroethane	0.809	U	4.05	U	0.809	U	1.62	U	0.809	U	4.05	U	4.05	U
1,2-Dichloroethane	**0.935**		**37**		0.809	U	1.62	U	0.809	U	4.05	U	4.05	U
1,1-Dichloroethene	0.793	U	**11.1**		0.793	U	1.59	U	0.793	U	3.96	U	3.96	U
cis-1,2-Dichloroethene	**3.18**		**29.3**		0.793	U	1.59	U	**5.59**		**4.64**		3.96	U
trans-1,2-Dichloroethene	0.793	U	**4.12**		0.793	U	1.59	U	0.793	U	3.96	U	3.96	U
1,2-Dichloropropane	0.924	U	4.62	U	0.924	U	1.85	U	0.924	U	4.62	U	4.62	U
cis-1,3-Dichloropropene	0.908	U	4.54	U	0.908	U	1.82	U	0.908	U	4.54	U	4.54	U
trans-1,3-Dichloropropene	0.908	U	4.54	U	0.908	U	1.82	U	0.908	U	4.54	U	4.54	U
1,4-Dioxane	0.721	U	3.6	U	0.721	U	1.44	U	0.721	U	3.6	U	3.6	U
Ethanol	9.42	U	47.1	U	9.42	U	**156**		**37.5**	**J**	47.1	UJ	**52.2**	
Ethyl acetate	1.8	U	9.01	U	1.8	U	3.6	U	1.8	U	9.01	U	9.01	U
4-Ethyltoluene (p-Ethyltoluene)	**9.34**		**5.16**		0.983	U	1.97	U	**1.6**		4.92	U	4.92	U
n-Heptane (C7)	**13.7**		**72.5**		**27.3**		**10.7**		0.82	U	4.1	U	4.1	U

Table 1. Soil Vapor Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample ID Sample Date Parent Sample Client Matrix	SV-107 5/14/2018 Soil Vapor		SV-108 5/14/2018 Soil Vapor		SV-109 5/14/2018 Soil Vapor		SV-103A 11/9/2018 Soil Vapor		SV-103B 11/9/2018 Soil Vapor		SV-103X 11/9/2018 SV-103B Soil Vapor		SV-103C 11/9/2018 Soil Vapor	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,3-Hexachlorobutadiene (C-46)	2.13	U	10.7	U	2.13	U	4.27	U	2.13	U	10.7	U	10.7	U
n-Hexane (C6)	**23.4**		**113**		**31.1**		**2.19**		0.705	U	3.52	U	3.52	U
2-Hexanone	0.82	U	4.1		0.82	U	**1.86**		**11.8**		**8.89**		**6.56**	
Methyl ethyl ketone (2-Butanone)	**20.7**		7.37		**3.69**		**4.69**		**7.08**	**J**	7.37	UJ	**8.67**	
Methyl tert-butyl ether (MTBE)	0.721	U	**44.3**		0.721	U	1.44	U	0.721	U	3.61	UU	3.61	U
4-Methyl-2-pentanone (MIBK)	**3.15**		10.2	U	2.05	U	4.1	U	**6.11**	**J**	10.2	UJ	10.2	U
Methylene chloride	1.74	U	8.69	U	1.74	U	3.47	U	1.74	U	8.69	U	8.69	U
2-Propanol (Isopropyl Alcohol)	**2.38**		6.15	U	**2.24**		**10.9**		**2.15**		6.15	U	6.15	U
Styrene	0.852	U	4.26	U	0.852	U	1.7	U	0.852	U	4.26	U	4.26	U
1,1,2,2-Tetrachloroethane	1.37	U	6.87	U	1.37	U	2.75	U	1.37	U	6.87	U	6.87	U
Tetrachloroethene (PCE)	**2.86**		**8.82**		**1.6**		**571**		**1500***		**1550**		**1340**	
Tetrahydrofuran	**4.69**		7.37	U	**2.14**		2.95	U	1.47	U	7.37	U	7.37	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.53	U	7.66	U	1.53	U	3.07	U	1.53	U	7.66	U	7.66	U
1,2,4-Trichlorobenzene	1.48	U	7.42	U	1.48	U	2.97	U	1.48	U	7.42	U	7.42	U
1,1,1-Trichloroethane (TCA)	1.09	U	5.46	U	1.09	U	2.18	U	1.09	U	5.46	U	5.46	U
1,1,2-Trichloroethane	1.09	U	5.46	U	1.09	U	2.18	U	1.09	U	5.46	U	5.46	U
Trichloroethene (TCE)	**5.28**		**29.6**		1.07	U	**67.2**		**325**		**284**		**408**	
Trichlorofluoromethane (Freon 11)	**1.33**		5.62	U	1.12	U	**2.43**		**1.6**		5.62	U	5.62	U
1,2,4-Trimethylbenzene	**38.7**		**20.1**		**47.8**		**4.38**		**9.83**	**J**	**6.19**		**10.7**	
1,3,5-Trimethylbenzene	**13.9**		**9.39**		**23**		1.97	U	**2.95**	**J**	4.92	UJ	4.92	U
2,2,4-Trimethylpentane (iso-Octane)	**182**		**869**		**177**		**2.02**		**1.98**	**J**	4.67	UJ	4.67	U
Vinyl bromide (Bromoethene)	0.874	U	4.37	U	0.874	U	1.75	U	0.874	U	4.37	U	4.37	U
Vinyl chloride	**1.03**		**187**		**1.12**		1.02	U	0.511	U	2.56	U	2.56	U

Table X. 207th Street/9th Avenue
Soil Vapor Analysis Results
J.207 ST LLC and MFC REALTY CORP.
Manhattan, NY

Notes:

ug/m^3 = micrograms per cubic meter
BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
VOC = Volatile Organic Compound
CAS No. = Chemical Abstracts Service Number
Bolding indicates a detected result concentration

Data Qualifiers:

+/- = result may be biased high/low, respectively
J = The result is an estimated value.

Table 2. Groundwater Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample Name Sample Date Parent Sample Client Matrix	NYS AWQS	MW-103 5/22/2018 Water		MW-X 5/22/2018 MW-103 Water		MW-104 5/22/2018 Water		MW-105 5/22/2018 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
BTEX		µg/L		µg/L		µg/L		µg/L	
Benzene	1	**0.56**		**0.6**		0.5	U	0.5	U
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U
m/p-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U
Total Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U
Other VOCs		µg/L		µg/L		µg/L		µg/L	
Acetone	50*	5	U	5	U	7.6	U	5	U
Acrylonitrile	5	5	UJ	5	UJ	5	UJ	5	UJ
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50*	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	50*	2	U	2	U	2	U	2	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	60*	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform (Trichloromethane)	7	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	5	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
2-Chlorotoluene (o-Chlorotoluene)	5	2.5	U	2.5	U	2.5	U	2.5	U
4-Chlorotoluene (p-Chlorotoluene)	5	2.5	U	2.5	U	2.5	U	2.5	U
p-Cymene (4-Isopropyltoluene)	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U
Dibromochloromethane	50*	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromoethane (EDB)	0.0006	2	U	2	U	2	U	2	U
Dibromomethane	5	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene (o-DCB)	3	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene (m-DCB)	3	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene (p-DCB)	3	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-dichloro-2-butene	5	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
Dichlorodifluoromethane (Freon 12)	5	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	5	**0.32**		**0.29**	**J-**	0.5	U	0.5	U
Total 1,2-Dichloroethene		**67**		**69**		2.5	U	2.5	U
cis-1,2-Dichloroethene	5	**67**		**69**		2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	2.5	U	2.5	U
Total 1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U
Diethyl ether		2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene		2	U	2	U	2	U	2	U
1,4-Dioxane		250	R	250	R	250	R	250	R
4-Ethyltoluene (p-Ethyltoluene)		2	U	2	U	2	U	2	U
1,3-Hexachlorobutadiene (C-46)	0.5	2.5	U	2.5	U	2.5	U	2.5	U
2-Hexanone	50*	5	U	5	U	5	U	5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Methyl ethyl ketone (2-Butanone)	50*	5	U	5	U	5	U	5	U
Methyl tert-butyl ether (MTBE)	10*	**1.1**	**J**	**1**	**J-**	**3.4**		2.5	U
4-Methyl-2-pentanone (MIBK)		5	U	5	U	5	U	5	U
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10*	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene (PCE)	5	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4,5-Tetramethylbenzene	5	2	U	2	U	2	U	2	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U

Table 2. Groundwater Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample Name **Sample Date** **Parent Sample** **Client Matrix**	**NYS AWQS**	**MW-103** **5/22/2018** **Water**		**MW-X** **5/22/2018** **MW-103** **Water**		**MW-104** **5/22/2018** **Water**		**MW-105** **5/22/2018** **Water**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane (TCA)	5	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U
Trichloroethene (TCE)	5	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane (Freon 11)	5	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl acetate		5	U	5	U	5	U	5	U
Vinyl chloride	2	**42**	**J-**	**44**	**J-**	1	UJ	1	UJ
NYSDEC PAH17		µg/L		µg/L		µg/L		µg/L	
Acenaphthene	20*	0.1	U	0.1	U	**11**		0.1	U
Acenaphthylene		0.1	U	0.1	U	**0.2**		0.1	U
Anthracene	50*	0.1	U	0.1	U	**0.62**		0.1	U
Benzo(a)anthracene	0.002*	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	0.002*	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	0.002*	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(g,h,i)perylene		0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	ND	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	0.002*	0.1	U	0.1	U	0.1	U	0.1	U
Dibenz(a,h)anthracene		0.1	U	0.1	U	0.1	U	0.1	U
Fluoranthene	50*	0.1	U	0.1	U	**0.81**		0.1	U
Fluorene	50*	0.1	U	0.1	U	**4.4**		0.1	U
Indeno(1,2,3-cd)pyrene	0.002*	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylnaphthalene		0.1	U	0.1	U	**0.16**		0.1	U
Naphthalene	10*	0.1	U	0.1	U	**0.1**		0.1	U
Phenanthrene	50*	0.1	U	0.1	U	**0.86**		0.1	U
Pyrene	50*	0.1	U	0.1	U	**0.5**		0.1	U
NYSDEC PAH17 Other SVOCs		µg/L		µg/L		µg/L		µg/L	
Acetophenone		4.8	U	4.9	U	4.8	U	5	U
Benzoic acid		48	R	49	R	48	R	50	R
Benzyl alcohol		1.9	U	2	U	1.9	U	2	U
Biphenyl (1,1-Biphenyl)	5	1.9	U	2	U	1.9	U	2	U
Bis(2-chloroethoxy)methane	5	4.8	U	4.9	U	4.8	U	5	U
Bis(2-chloroethyl)ether	1	1.9	U	2	U	1.9	U	2	U
2,2-oxybis(1-Chloropropane)	5	1.9	U	2	U	1.9	U	2	U
Bis(2-ethylhexyl)phthalate	5	**0.92**	**J**	**2.2**	**J-**	**1**	**J**	**1**	**J**
4-Bromophenyl phenyl ether		1.9	U	2	U	1.9	U	2	U
Butyl benzyl phthalate	50*	4.8	U	4.9	U	4.8	U	5	U
Carbazole		1.9	U	2	U	**0.88**	**J**	2	U
4-Chloro-3-methylphenol		1.9	U	2	U	1.9	U	2	U
4-Chloroaniline	5	4.8	U	4.9	U	4.8	U	5	U
2-Chloronaphthalene	10*	0.19	U	0.2	U	0.19	U	0.2	U
2-Chlorophenol		1.9	U	2	U	1.9	U	2	U
4-Chlorophenyl phenyl ether		1.9	U	2	U	1.9	U	2	U
Dibenzofuran		1.9	U	2	U	1.9	U	2	U
1,2-Dichlorobenzene (o-DCB)	3	1.9	U	2	U	1.9	U	2	U
1,3-Dichlorobenzene (m-DCB)	3	1.9	U	2	U	1.9	U	2	U
1,4-Dichlorobenzene (p-DCB)	3	1.9	U	2	U	1.9	U	2	U
3,3-Dichlorobenzidine	5	4.8	U	4.9	U	4.8	U	5	U
2,4-Dichlorophenol	5	4.8	U	4.9	U	4.8	U	5	U
Diethyl phthalate	50*	4.8	U	4.9	U	4.8	U	5	U
Dimethyl phthalate	50*	4.8	U	4.9	U	4.8	U	5	U
2,4-Dimethylphenol	50*	4.8	U	4.9	U	4.8	U	5	U
Di-n-butyl phthalate	50	4.8	U	4.9	U	4.8	U	5	U
4,6-Dinitro-2-methylphenol		9.7	U	9.9	U	9.7	U	10	U
2,4-Dinitrophenol	10*	19	U	20	U	19	U	20	U
2,4-Dinitrotoluene	5	4.8	U	4.9	U	4.8	U	5	U
2,6-Dinitrotoluene	5	4.8	U	4.9	U	4.8	U	5	U
Di-n-octyl phthalate	50*	4.8	U	4.9	U	4.8	U	5	U
1,4-Dioxane	0.35	0.147		0.15		0.142		0.147	
Hexachlorobenzene	0.04	0.78	U	0.79	U	0.78	U	0.8	U
1,3-Hexachlorobutadiene (C-46)	0.5	0.48	U	0.49	U	0.48	U	0.5	U
Hexachlorocyclopentadiene	5	19	U	20	U	19	U	20	U
Hexachloroethane	5	0.78	U	0.79	U	0.78	U	0.8	U
Isophorone	50*	4.8	U	4.9	U	4.8	U	5	U
2-Methylphenol (o-Cresol)	1	4.8	U	4.9	U	4.8	U	5	U

Table 2. Groundwater Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample Name **Sample Date** **Parent Sample** **Client Matrix**	**NYS AWQS**	**MW-103** **5/22/2018** **Water**		**MW-X** **5/22/2018** **MW-103** **Water**		**MW-104** **5/22/2018** **Water**		**MW-105** **5/22/2018** **Water**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
3,4-Methylphenol (m,p-Cresol)		4.8	U	4.9	U	4.8	U	5	U
2-Nitroaniline	5	4.8	U	4.9	U	4.8	U	5	U
3-Nitroaniline	5	4.8	U	4.9	U	4.8	U	5	U
4-Nitroaniline	5	4.8	U	4.9	U	4.8	U	5	U
Nitrobenzene	0.4	1.9	U	2	U	1.9	U	2	U
2-Nitrophenol		9.7	U	9.9	U	9.7	U	10	U
4-Nitrophenol		9.7	U	9.9	U	9.7	U	10	U
N-Nitrosodiphenylamine (NDFA)	50*	1.9	U	2	U	1.9	U	2	U
N-Nitrosodi-n-propylamine (NDPA)		4.8	U	4.9	U	4.8	U	5	U
Pentachlorophenol	1	0.78	U	0.79	U	0.78	U	0.8	U
Phenol	1	4.8	U	4.9	U	4.8	U	5	U
1,2,4,5-Tetrachlorobenzene	5	9.7	U	9.9	U	9.7	U	10	U
1,2,4-Trichlorobenzene	5	4.8	U	4.9	U	4.8	U	5	U
2,4,5-Trichlorophenol		4.8	U	4.9	U	4.8	U	5	U
2,4,6-Trichlorophenol		4.8	U	4.9	U	4.8	U	5	U
2.65 PFAS		ng/L		ng/L		ng/L		ng/L	
N-ethyl perfluorooctanesulfonamidoacetic acid	100**	2.08	U	1.92	U	1.85	U	1.92	U
N-methyl perfluorooctanesulfonamidoacetic acid	100**	2.08	U	1.92	U	1.85	U	1.92	U
Perfluorobutanesulfonic acid (PFBS)	100**	**5.66**		**5.35**		**2.18**		**4.76**	
Perfluorobutanoic Acid	100**	**8.41**		**8.36**		**0.77**	**J-**	**7.45**	
Perfluorodecane Sulfonic Acid	100**	2.08	UJ	1.92	UJ	1.85	UJ	1.92	UJ
Perfluorodecanoic acid (PFDA)	100**	2.08	U	1.92	U	1.85	U	**0.923**	**J**
Perfluorododecanoic acid (PFDoA)	100**	2.08	U	1.92	U	1.85	U	1.92	U
Perfluoroheptane Sulfonate (PFHPS)	100**	2.08	U	1.92	U	1.85	U	**1.18**	**J**
Perfluoroheptanoic acid (PFHpA)	100**	**5.93**		**5.53**		**0.733**	**J**	**9.23**	
Perfluorohexanoic acid (PFHxA)	100**	**7.37**		**7.05**		**0.574**	**J**	**9.14**	
Perfluorooctane Sulfonamide (FOSA)	100**	2.08	UJ	1.92	UJ	1.85	R	1.92	UJ
Perfluoropentanoic Acid (PFPeA)	100**	**9.73**		**9.38**		1.85	U	**13.3**	
Perfluorotetradecanoic acid (PFTA)	100**	2.08	U	1.92	U	1.85	U	1.92	U
Perfluorotridecanoic acid (PFTrDA)	100**	2.08	U	1.92	U	1.85	U	1.92	U
Perfluoroundecanoic acid (PFUnA)	100**	2.08	U	1.92	U	1.85	U	1.92	U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	100**	2.08	U	1.92	U	1.85	U	1.92	U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	100**	**9.11**		**5.66**		1.85	U	**7.4**	
Perfluorohexane sulfonate (PFHxS)	100**	**3.64**		**2.59**		1.85	U	**4.21**	
Perfluorononanoic Acid (PFNA)	100**	2.08		1.92	U	1.85	U	**8.35**	
Perfluorooctane sulfonate (PFOS)		**7.96**	**J-**	**8.08**	**J-**	1.85	UJ	**45**	**J-**
Perfluorooctanoic Acid (PFOA)		**33.1**		**31.7**		**3.53**		**41.4**	
Total PFOA + PFOS	70**	**41.06**	**J-**	**39.78**	**J-**	**3.53**		**86.4**	**J-**
Total PFAS	500**	**90.91**	**J-**	**83.7**	**J-**	**7.787**	**J-**	**152.343**	**J-**
PCB Aroclors		µg/L		µg/L		µg/L		µg/L	
Aroclor 1016		0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1221		0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1232		0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1242		0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1248		0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1254		0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1260		0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1262		0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1268		0.083	U	0.083	U	0.083	U	0.083	U
Total PCBs (Lab calculated)	0.09	0.083	U	0.083	U	0.083	U	0.083	U
Pesticides		µg/L		µg/L		µg/L		µg/L	
Aldrin	ND	0.02	U	0.02	U	0.02	U	0.02	U
alpha-BHC (Hexachlorocyclohexane)	0.01	0.02	U	0.02	U	0.02	U	0.02	U
beta-BHC (beta-Hexachlorocyclohexane)	0.04	0.02	U	0.02	U	0.02	U	0.02	U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane	0.05	0.02	U	0.02	U	0.02	U	0.02	U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.02	U	0.02	U	0.02	U	0.02	U
Chlordane (Alpha & Gamma)	0.05	0.2	U	0.2	U	0.2	U	0.2	U
alpha-chlordane		0.02	U	0.02	U	0.02	U	0.02	U
gamma-Chlordane		0.02	U	0.02	U	0.02	U	0.02	U
2,4-D (2,4-Dichlorophenoxyacetic acid)	50	10	U	10	U	10	U	10	U
4,4'-DDT (p,p'-DDT)	0.2	0.04	U	0.04	U	**0.05**	**J**	0.04	U
4,4'-DDE (p,p'-DDE)	0.2	0.04	U	0.04	U	0.04	U	0.04	U
4,4-DDD (p,p-DDD)	0.3	0.04	U	0.04	U	0.04	U	0.04	U
Dieldrin	0.004	0.04	U	0.04	U	0.04	U	0.04	U
alpha-Endosulfan (I)		0.02	U	0.02	U	0.02	U	0.02	U
beta-Endosulfan (II)		0.04	U	0.04	U	0.04	U	0.04	U
Endosulfan sulfate		0.04	U	0.04	U	0.04	U	0.04	U

Table 2. Groundwater Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample Name **Sample Date** **Parent Sample** **Client Matrix**	**NYS AWQS**	**MW-103** **5/22/2018** **Water**		**MW-X** **5/22/2018** **MW-103** **Water**		**MW-104** **5/22/2018** **Water**		**MW-105** **5/22/2018** **Water**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Endrin	0	0.04	U	0.04	U	0.04	U	0.04	U
Endrin aldehyde	5	0.04	U	0.04	U	0.04	U	0.04	U
Endrin ketone	5	0.04	U	0.04	U	0.04	U	0.04	U
Heptachlor	0.04	0.02	U	0.02	U	0.02	U	0.02	U
Heptachlor epoxide	0.03	0.02	U	0.02	U	0.02	U	0.02	U
Methoxychlor	35	0.2	U	0.2	U	0.2	U	0.2	U
2,4,5-TP (Silvex)	0.26	2	U	2	U	2	U	2	U
Toxaphene	0.06	0.2	U	0.2	U	0.2	U	0.2	U
Herbicides		µg/L		µg/L		µg/L		µg/L	
2,4-D (2,4-Dichlorophenoxyacetic acid)	50	10	U	10	U	10	U	10	U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	35	2	U	2	U	2	U	2	U
2,4,5-TP (Silvex)	0.26	2	U	2	U	2	U	2	U
Dissolved Metals		mg/L		mg/L		mg/L		mg/L	
Aluminum		0.01	UJ	0.01	UJ	0.01	UJ	0.01	UJ
Antimony	0.003	0.004	UJ	0.004	UJ	0.004	UJ	0.004	UJ
Arsenic	0.025	**0.00073**	**J-**	**0.00077**	**J-**	**0.00051**	**J-**	**0.00018**	**J-**
Barium	1	**0.0063**	**J-**	**0.00675**	**J-**	**0.2962**	**J-**	**0.7494**	**J-**
Beryllium	0.003*	0.0005	UJ	0.0005	UJ	0.0005	UJ	0.0005	UJ
Cadmium	0.005	0.0002	UJ	0.0002	UJ	0.0002	UJ	0.0002	UJ
Calcium		**175**	**J-**	**175**	**J-**	**487**	**J-**	**64.9**	**J-**
Chromium	0.05	0.001	UJ	**0.00031**	**J-**	**0.00026**	**J-**	0.001	UJ
Cobalt		**0.00125**	**J-**	**0.00119**	**J-**	**0.00057**	**J-**	**0.00049**	**J-**
Copper	0.2	0.001	UJ	0.001	UJ	0.001	UJ	**0.00046**	**J-**
Iron	0.3	0.05	UJ	0.05	UJ	**0.0382**	**J-**	0.05	UJ
Lead	0.025	0.001	UJ	0.001	UJ	0.001	UJ	0.001	UJ
Magnesium	35*	**32.9**	**J-**	**33.2**	**J-**	**117**	**J-**	**103**	**J-**
Manganese	0.3	**1.95**	**J-**	**2.002**	**J-**	**3.956**	**J-**	**0.1371**	**J-**
Mercury	0.0007	0.0002	UJ	0.0002	UJ	0.0002	UJ	0.0002	UJ
Nickel	0.1	**0.00287**	**J-**	**0.00078**	**J-**	**0.0012**	**J-**	**0.00577**	**J-**
Potassium		**11.8**	**J-**	**11.9**	**J-**	**23.3**	**J-**	**55.3**	**J-**
Selenium	0.01	0.005	UJ	0.005	UJ	0.005	UJ	0.005	UJ
Silver	0.05	0.001	UJ	0.001	UJ	**0.00018**	**J-**	0.001	UJ
Sodium	20	**113**	**J-**	**113**	**J-**	**117**	**J-**	**1200**	**J-**
Thallium	0.0005*	0.0005	UJ	0.0005	UJ	0.0005	UJ	0.0005	UJ
Vanadium		0.005	UJ	0.005	UJ	0.005	UJ	0.005	UJ
Zinc	2*	0.01	UJ	0.01	UJ	0.01	UJ	**0.0134**	**J-**
Total Metals		mg/L		mg/L		mg/L		mg/L	
Aluminum		**0.434**		**0.531**		**0.332**		**0.0881**	
Antimony	0.003	0.004	U	0.004	U	0.004	U	0.004	U
Arsenic	0.025	**0.01054**		**0.01143**		**0.00147**		**0.00064**	
Barium	1	**0.01538**		**0.01381**		**0.3888**		**0.7271**	
Beryllium	0.003*	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Cadmium	0.005	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Calcium		**182**		**190**		**505**		**69.1**	
Chromium	0.05	**0.0013**		**0.00187**		**0.00126**		**0.001**	
Cobalt		**0.00169**		**0.00191**		**0.0007**		**0.0006**	
Copper	0.2	**0.00143**		**0.00226**		**0.00076**	**J**	**0.00527**	
Iron	0.3	**34.6**		**37.3**		**24.6**		**2.49**	
Lead	0.025	**0.00068**	**J-**	**0.00065**	**J-**	**0.00183**		**0.00774**	
Magnesium	35*	**32.3**		**34.8**		**116**		**110**	
Manganese	0.3	**2.082**		**2.21**		**4.135**		**0.1436**	
Mercury	0.0007	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Nickel	0.1	**0.00124**	**J-**	**0.0014**	**J-**	**0.00148**	**J**	**0.00694**	
Potassium		**11.7**		**11.9**		**22.7**		**56.7**	
Selenium	0.01	0.005	U	0.005	U	0.005	U	0.005	U
Silver	0.05	0.0004	U	0.0004	U	0.0004	U	0.0004	U
Sodium	20	**110**		**116**		**115**		**1250**	
Thallium	0.0005*	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Vanadium		**0.00157**	**J-**	**0.00164**	**J**	**0.00217**	**J**	0.005	U
Zinc	2*	0.01	U	**0.00346**	**J**	**0.00343**	**J**	**0.05521**	
Hexavalent Chromium		mg/L		mg/L		mg/L		mg/L	
Hexavalent Chromium (Cr VI)	0.05	0.01	UJ	**0.005**	**J-**	**0.004**	**J-**	0.01	UJ
Cyanides		mg/L		mg/L		mg/L		mg/L	
Total Cyanide	200	0.005	U	**0.001**	**J**	**0.002**	**J**	0.005	U

Table 2. Groundwater Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample Name Sample Date Parent Sample Client Matrix	NYS AWQS	MW-109 5/23/2018 Water		MW-111 5/23/2018 Water		MW-111A 11/9/2018 Water		MW-111X 11/9/2018 MW-111A Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
BTEX		µg/L		µg/L		µg/L		µg/L	
Benzene	1	0.5	U	**1.5**		NA		NA	
Toluene	5	2.5	U	2.5	U	NA		NA	
Ethylbenzene	5	2.5	U	2.5	U	NA		NA	
o-Xylene	5	2.5	U	2.5	U	NA		NA	
m/p-Xylene	5	2.5	U	**1.5**	**J**	NA		NA	
Total Xylene	5	2.5	U	**1.5**	**J**	NA		NA	
Other VOCs		µg/L		µg/L		µg/L		µg/L	
Acetone	50*	5	U	8.8	U	NA		NA	
Acrylonitrile	5	5	UJ	5	UJ	NA		NA	
Bromobenzene	5	2.5	U	2.5	U	NA		NA	
Bromochloromethane	5	2.5	U	2.5	U	NA		NA	
Bromodichloromethane	50*	0.5	U	0.5	U	NA		NA	
Bromoform	50*	2	U	2	U	NA		NA	
Bromomethane	5	2.5	U	2.5	U	NA		NA	
n-Butylbenzene	5	2.5	U	**3.5**		NA		NA	
sec-Butylbenzene	5	2.5	U	**2.1**	**J**	NA		NA	
tert-Butylbenzene	5	2.5	U	2.5	U	NA		NA	
Carbon disulfide	60*	5	U	5	U	NA		NA	
Carbon tetrachloride	5	0.5	U	0.5	U	NA		NA	
Chlorobenzene	5	2.5	U	2.5	U	NA		NA	
Chloroethane	5	2.5	U	2.5	U	NA		NA	
Chloroform (Trichloromethane)	7	2.5	U	2.5	U	NA		NA	
Chloromethane	5	2.5	UJ	2.5	UJ	NA		NA	
2-Chlorotoluene (o-Chlorotoluene)	5	2.5	U	2.5	U	NA		NA	
4-Chlorotoluene (p-Chlorotoluene)	5	2.5	U	2.5	U	NA		NA	
p-Cymene (4-Isopropyltoluene)	5	2.5	U	2.5	U	NA		NA	
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	NA		NA	
Dibromochloromethane	50*	0.5	U	0.5	U	NA		NA	
1,2-Dibromoethane (EDB)	0.0006	2	U	2	U	NA		NA	
Dibromomethane	5	5	U	5	U	NA		NA	
1,2-Dichlorobenzene (o-DCB)	3	2.5	U	2.5	U	NA		NA	
1,3-Dichlorobenzene (m-DCB)	3	2.5	U	2.5	U	NA		NA	
1,4-Dichlorobenzene (p-DCB)	3	2.5	U	2.5	U	NA		NA	
trans-1,4-dichloro-2-butene	5	2.5	UJ	2.5	UJ	NA		NA	
Dichlorodifluoromethane (Freon 12)	5	5	U	5	U	NA		NA	
1,1-Dichloroethane	5	2.5	UJ	2.5	UJ	NA		NA	
1,2-Dichloroethane	0.6	0.5	U	0.5	U	NA		NA	
1,1-Dichloroethene	5	0.5	U	0.5	U	NA		NA	
Total 1,2-Dichloroethene		2.5	U	2.5	U	NA		NA	
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	NA		NA	
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	NA		NA	
1,2-Dichloropropane	1	1	U	1	U	NA		NA	
1,3-Dichloropropane	5	2.5	U	2.5	U	NA		NA	
2,2-Dichloropropane	5	2.5	U	2.5	U	NA		NA	
1,1-Dichloropropene	5	2.5	U	2.5	U	NA		NA	
Total 1,3-Dichloropropene	0.4	0.5	U	0.5	U	NA		NA	
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	NA		NA	
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	NA		NA	
Diethyl ether		2.5	U	2.5	U	NA		NA	
p-Diethylbenzene		2	U	**3.2**		NA		NA	
1,4-Dioxane		250	R	250	R	NA		NA	
4-Ethyltoluene (p-Ethyltoluene)		2	U	2	U	NA		NA	
1,3-Hexachlorobutadiene (C-46)	0.5	2.5	U	2.5	U	NA		NA	
2-Hexanone	50*	5	U	5	U	NA		NA	
Isopropylbenzene	5	2.5	U	**9.5**		NA		NA	
Methyl ethyl ketone (2-Butanone)	50*	5	U	5	U	NA		NA	
Methyl tert-butyl ether (MTBE)	10*	2.5	U	**2.3**	**J**	NA		NA	
4-Methyl-2-pentanone (MIBK)		5	U	5	U	NA		NA	
Methylene chloride	5	2.5	U	2.5	U	NA		NA	
Naphthalene	10*	2.5	U	**1.2**	**J**	NA		NA	
n-Propylbenzene	5	2.5	U	**20**		NA		NA	
Styrene	5	2.5	U	2.5	U	NA		NA	
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	NA		NA	
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	NA		NA	
Tetrachloroethene (PCE)	5	0.5	U	0.5	U	NA		NA	
1,2,4,5-Tetramethylbenzene	5	2	U	**22**		NA		NA	
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	NA		NA	

Table 2. Groundwater Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample Name Sample Date Parent Sample Client Matrix	NYS AWQS	MW-109 5/23/2018 Water		MW-111 5/23/2018 Water		MW-111A 11/9/2018 Water		MW-111X 11/9/2018 MW-111A Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	NA		NA	
1,1,1-Trichloroethane (TCA)	5	2.5	U	2.5	U	NA		NA	
1,1,2-Trichloroethane	1	1.5	U	1.5	U	NA		NA	
Trichloroethene (TCE)	5	0.5	U	0.5	U	NA		NA	
Trichlorofluoromethane (Freon 11)	5	2.5	U	2.5	U	NA		NA	
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	NA		NA	
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	NA		NA	
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	NA		NA	
Vinyl acetate		5	U	5	U	NA		NA	
Vinyl chloride	2	1	UJ	1	UJ	NA		NA	
NYSDEC PAH17		µg/L		µg/L		µg/L		µg/L	
Acenaphthene	20*	0.1	U	**3.2**		**3.2**		**3.1**	
Acenaphthylene		**0.07**	**J**	0.16	U	0.22		0.21	
Anthracene	50*	**0.06**	**J**	**0.76**		**0.54**		**0.53**	
Benzo(a)anthracene	0.002*	0.1	U	**0.13**		**0.06**	**J**	**0.05**	**J**
Benzo(b)fluoranthene	0.002*	0.1	U	**0.07**	**J**	**0.1**	**U**	**0.1**	**U**
Benzo(k)fluoranthene	0.002*	0.1	U	0.1	U	0.1	**U**	0.1	**U**
Benzo(g,h,i)perylene		0.1	U	0.1	U	0.1	**U**	0.1	**U**
Benzo(a)pyrene	ND	0.1	U	**0.05**	**J**	**0.1**	**U**	**0.1**	**U**
Chrysene	0.002*	0.1	U	**0.11**		**0.06**	**J**	**0.05**	**J**
Dibenz(a,h)anthracene		0.1	U	0.1	U	0.1	U	0.1	U
Fluoranthene	50*	0.1	U	**1.3**		**0.96**		**0.91**	
Fluorene	50*	0.1	U	**3**		**3.7**		**3.7**	
Indeno(1,2,3-cd)pyrene	0.002*	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylnaphthalene		0.1	U	**0.34**		**0.1**		**0.09**	**J**
Naphthalene	10*	0.1	U	**0.91**		**0.22**		**0.24**	
Phenanthrene	50*	0.1	U	**1.9**		**1.2**		**1.2**	
Pyrene	50*	0.1	U	**0.9**		**0.65**		**0.61**	
NYSDEC PAH17 Other SVOCs		µg/L		µg/L		µg/L		µg/L	
Acetophenone		5	U	5	U	5	U	5	U
Benzoic acid		50	R	50	R	50	U	50	U
Benzyl alcohol		2	U	2	U	2	U	2	U
Biphenyl (1,1-Biphenyl)	5	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U
2,2-oxybis(1-Chloropropane)	5	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	3	U	3	U	3	U	2.4	J
4-Bromophenyl phenyl ether		2	U	2	U	2	U	2	U
Butyl benzyl phthalate	50*	5	U	5	U	5	U	5	U
Carbazole		2	U	2	U	2	U	2	U
4-Chloro-3-methylphenol		2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	UJ	5	UJ
2-Chloronaphthalene	10*	0.2	U	0.2	U	0.2	U	0.2	U
2-Chlorophenol		2	U	2	U	2	U	2	U
4-Chlorophenyl phenyl ether		2	U	2	U	2	U	2	U
Dibenzofuran		2	U	**2**		**1.5**	**J**	**1.5**	**J**
1,2-Dichlorobenzene (o-DCB)	3	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene (m-DCB)	3	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene (p-DCB)	3	2	U	2	U	2	U	2	U
3,3-Dichlorobenzidine	5	5	U	5	U	5	R	5	U
2,4-Dichlorophenol	5	5	U	5	U	5	U	5	U
Diethyl phthalate	50*	5	U	5	U	5	U	5	U
Dimethyl phthalate	50*	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	50*	5	U	5	U	5	U	5	U
Di-n-butyl phthalate	50	5	U	5	U	5	U	5	U
4,6-Dinitro-2-methylphenol		10	U	10	U	10	U	10	U
2,4-Dinitrophenol	10*	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U
Di-n-octyl phthalate	50*	5	U	5	U	5	U	5	U
1,4-Dioxane	0.35	0.147	U	**2.37**		NA		NA	
Hexachlorobenzene	0.04	0.8	U	0.8	U	0.8	U	0.8	U
1,3-Hexachlorobutadiene (C-46)	0.5	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U
Isophorone	50*	5	U	5	U	5	U	5	U
2-Methylphenol (o-Cresol)	1	5	U	5	U	5	U	5	U

Table 2. Groundwater Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample Name **Sample Date** **Parent Sample** **Client Matrix**	**NYS AWQS**	**MW-109** **5/23/2018** **Water**		**MW-111** **5/23/2018** **Water**		**MW-111A** **11/9/2018** **Water**		**MW-111X** **11/9/2018** **MW-111A** **Water**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
3,4-Methylphenol (m,p-Cresol)		5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U
Nitrobenzene	0.4	2	U	2	U	10	U	10	U
2-Nitrophenol		10	U	10	U	10	U	10	U
4-Nitrophenol		10	U	10	U	2	U	2	U
N-Nitrosodiphenylamine (NDFA)	50*	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine (NDPA)		5	U	5	U	5	U	5	U
Pentachlorophenol	1	0.8	U	0.8	U	0.8	U	0.8	U
Phenol	1	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol		5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol		5	U	5	U	5	U	5	U
2.65 PFAS		ng/L		ng/L		ng/L		ng/L	
N-ethyl perfluorooctanesulfonamidoacetic acid	100**	1.78	U	1.85	U	NA		NA	
N-methyl perfluorooctanesulfonamidoacetic acid	100**	1.78	U	1.85	U	NA		NA	
Perfluorobutanesulfonic acid (PFBS)	100**	**1.92**		**7.52**		NA		NA	
Perfluorobutanoic Acid	100**	**3.15**		**18.6**		NA		NA	
Perfluorodecane Sulfonic Acid	100**	1.78	U	1.85	U	NA		NA	
Perfluorodecanoic acid (PFDA)	100**	**0.428**	**J**	1.85	U	NA		NA	
Perfluorododecanoic acid (PFDoA)	100**	1.78	U	1.85	U	NA		NA	
Perfluoroheptane Sulfonate (PFHPS)	100**	1.78	U	**3.94**		NA		NA	
Perfluoroheptanoic acid (PFHpA)	100**	**2.17**		**12.6**		NA		NA	
Perfluorohexanoic acid (PFHxA)	100**	**3.04**		**15.7**		NA		NA	
Perfluorooctane Sulfonamide (FOSA)	100**	1.78	UJ	1.85	U	NA		NA	
Perfluoropentanoic Acid (PFPeA)	100**	**4.34**		**14.8**		NA		NA	
Perfluorotetradecanoic acid (PFTA)	100**	1.78	U	1.85	U	NA		NA	
Perfluorotridecanoic acid (PFTrDA)	100**	1.78	U	1.85	U	NA		NA	
Perfluoroundecanoic acid (PFUnA)	100**	1.78	U	1.85	U	NA		NA	
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	100**	1.78	U	1.85	U	NA		NA	
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	100**	1.78	U	1.85	U	NA		NA	
Perfluorohexane sulfonate (PFHxS)	100**	**1.99**		**77.6**		NA		NA	
Perfluorononanoic Acid (PFNA)	100**	1.78	U	**5.3**		NA		NA	
Perfluorooctane sulfonate (PFOS)		**9.04**		**48.7**		NA		NA	
Perfluorooctanoic Acid (PFOA)		**14.7**		**97**		NA		NA	
Total PFOA + PFOS	70**	**23.74**		**145.7**		NA		NA	
Total PFAS	500**		**J**	**301.76**		NA		NA	
PCB Aroclors		µg/L		µg/L		µg/L		µg/L	
Aroclor 1016		0.083	U	0.083	U	NA		NA	
Aroclor 1221		0.083	U	0.083	U	NA		NA	
Aroclor 1232		0.083	U	0.083	U	NA		NA	
Aroclor 1242		0.083	U	0.083	U	NA		NA	
Aroclor 1248		0.083	U	0.083	U	NA		NA	
Aroclor 1254		0.083	U	0.083	U	NA		NA	
Aroclor 1260		0.083	U	0.083	U	NA		NA	
Aroclor 1262		0.083	U	0.083	U	NA		NA	
Aroclor 1268		0.083	U	0.083	U	NA		NA	
Total PCBs (Lab calculated)	0.09	0.083	U	0.083	U	NA		NA	
Pesticides		µg/L		µg/L		µg/L		µg/L	
Aldrin	ND	0.02	U	0.02	U	NA		NA	
alpha-BHC (Hexachlorocyclohexane)	0.01	0.02	U	0.02	U	NA		NA	
beta-BHC (beta-Hexachlorocyclohexane)	0.04	0.02	U	0.02	U	NA		NA	
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane	0.05	0.02	U	0.02	U	NA		NA	
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.02	U	0.02	U	NA		NA	
Chlordane (Alpha & Gamma)	0.05	0.2	U	0.2	U	NA		NA	
alpha-chlordane		0.02	U	0.02	U	NA		NA	
gamma-Chlordane		0.02	U	0.02	U	NA		NA	
2,4-D (2,4-Dichlorophenoxyacetic acid)	50	10	U	10	U	NA		NA	
4,4'-DDT (p,p'-DDT)	0.2	0.04	U	0.04	U	NA		NA	
4,4'-DDE (p,p'-DDE)	0.2	0.04	U	0.04	U	NA		NA	
4,4-DDD (p,p-DDD)	0.3	0.04	U	0.04	U	NA		NA	
Dieldrin	0.004	0.04	U	0.04	U	NA		NA	
alpha-Endosulfan (I)		0.02	U	0.02	U	NA		NA	
beta-Endosulfan (II)		0.04	U	0.04	U	NA		NA	
Endosulfan sulfate		0.04	U	0.04	U	NA		NA	

Table 2. Groundwater Analytical Results
207th Street/9th Avenue, 3875 9th Avenue
New York, New York
NYSDEC BCP Site No. C231102

Sample Name Sample Date Parent Sample Client Matrix	NYS AWQS	MW-109 5/23/2018 Water		MW-111 5/23/2018 Water		MW-111A 11/9/2018 Water		MW-111X 11/9/2018 MW-111A Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Endrin	0	0.04	U	0.04	U	NA		NA	
Endrin aldehyde	5	0.04	U	0.04	U	NA		NA	
Endrin ketone	5	0.04	U	0.04	U	NA		NA	
Heptachlor	0.04	0.02	U	0.02	U	NA		NA	
Heptachlor epoxide	0.03	0.02	U	0.02	U	NA		NA	
Methoxychlor	35	0.2	U	0.2	U	NA		NA	
2,4,5-TP (Silvex)	0.26	2	U	2	U	NA		NA	
Toxaphene	0.06	0.2	U	0.2	U	NA		NA	
Herbicides		µg/L		µg/L		µg/L		µg/L	
2,4-D (2,4-Dichlorophenoxyacetic acid)	50	10	U	10	U	NA		NA	
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	35	2	U	2	U	NA		NA	
2,4,5-TP (Silvex)	0.26	2	U	2	U	NA		NA	
Dissolved Metals		mg/L		mg/L		mg/L		mg/L	
Aluminum		**0.0051**	**J-**	0.01	UJ	NA		NA	
Antimony	0.003	0.004	UJ	0.004	UJ	NA		NA	
Arsenic	0.025	**0.00062**	**J-**	**0.00024**	**J-**	NA		NA	
Barium	1	**0.06565**	**J-**	**2.288**	**J-**	NA		NA	
Beryllium	0.003*	0.0005	UJ	0.0005	UJ	NA		NA	
Cadmium	0.005	**0.00054**	**J-**	0.0002	UJ	NA		NA	
Calcium		**148**	**J-**	**203**	**J-**	NA		NA	
Chromium	0.05	**0.0007**	**J-**	**0.00037**	**J-**	NA		NA	
Cobalt		**0.00018**	**J-**	**0.00055**	**J-**	NA		NA	
Copper	0.2	**0.00372**	**J-**	**0.00117**	**J-**	NA		NA	
Iron	0.3	0.05	UJ	**0.0205**	**J-**	NA		NA	
Lead	0.025	0.001	UJ	0.001	UJ	NA		NA	
Magnesium	35*	**228**	**J-**	**114**	**J-**	NA		NA	
Manganese	0.3	**0.1574**	**J-**	**1.072**	**J-**	NA		NA	
Mercury	0.0007	0.0002	UJ	0.0002	UJ	NA		NA	
Nickel	0.1	**0.00291**	**J-**	**0.00095**	**J-**	NA		NA	
Potassium		**90.5**	**J-**	**53.1**	**J-**	NA		NA	
Selenium	0.01	0.005	UJ	0.005	UJ	NA		NA	
Silver	0.05	0.001	UJ	0.001	UJ	NA		NA	
Sodium	20	**2040**	**J-**	**967**	**J-**	NA		NA	
Thallium	0.0005*	0.0005	UJ	0.0005	UJ	NA		NA	
Vanadium		0.005	UJ	0.005	UJ	NA		NA	
Zinc	2*	**0.07332**	**J-**	0.01	UJ	NA		NA	
Total Metals		mg/L		mg/L		mg/L		mg/L	
Aluminum		**0.0174**		**0.47**		NA		NA	
Antimony	0.003	**0.0013**	**J**	**0.00044**	**J**	NA		NA	
Arsenic	0.025	**0.00062**		**0.00082**		NA		NA	
Barium	1	**0.06168**		**2.901**		NA		NA	
Beryllium	0.003*	0.0005	U	0.0005	U	NA		NA	
Cadmium	0.005	**0.00028**	**J**	0.0002	U	NA		NA	
Calcium		**149**		**198**		NA		NA	
Chromium	0.05	**0.00098**	**J**	**0.00262**		NA		NA	
Cobalt		**0.0002**	**J**	**0.00081**		NA		NA	
Copper	0.2	**0.00517**		**0.0058**		NA		NA	
Iron	0.3	**0.118**		**37.7**		NA		NA	
Lead	0.025	**0.00053**	**J**	**0.00888**		NA		NA	
Magnesium	35*	**227**		**110**		NA		NA	
Manganese	0.3	**0.164**		**1.124**		NA		NA	
Mercury	0.0007	0.0002	UJ	0.0002	U	NA		NA	
Nickel	0.1	**0.00285**		**0.0015**	**J**	NA		NA	
Potassium		**92.4**		**48.9**		NA		NA	
Selenium	0.01	0.005	U	0.005	U	NA		NA	
Silver	0.05	0.0004	U	0.0004	U	NA		NA	
Sodium	20	**2010**		**981**		NA		NA	
Thallium	0.0005*	0.0005	U	0.0005	U	NA		NA	
Vanadium		0.005	U	**0.00273**	**J**	NA		NA	
Zinc	2*	**0.07473**		**0.00456**	**J**	NA		NA	
Hexavalent Chromium		mg/L		mg/L		mg/L		mg/L	
Hexavalent Chromium (Cr VI)	0.05	0.01	UJ	**0.013**	**J-**	NA		NA	
Cyanides		mg/L		mg/L		mg/L		mg/L	
Total Cyanide	200	0.005	U	**0.002**	**J**	NA		NA	

Notes:

mg/L = milligrams/liter
ng/L = nanogram per liter
µg/L = micrograms per liter or parts per billion (ppb)

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
PAH = Polycyclic Aromatic Hydrocarbon
PCB = Polychlorinated Biphenyl
PFAS = Per- and polyfluoroalkyl substances
SVOC = Semi-Volatile Organic Compound
VOC = Volatile Organic Compound

NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater
* indicates the value is a guidance value and not a standard
** indicates the value is a screening level and not a standard

CAS No. = Chemical Abstracts Service Number
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration

Gray shading and bolding indicates that the detected result value exceeds the NYS AWQS

Data Qualifiers:

+/- = result may be biased high/low, respectively
J = The result is an estimated value.
U = The result was not detected above the reporting limit.

Appendix A

Groundwater Sampling Logs

Low-Flow Groundwater Sampling Form

Project number and name: _____ Sampling personnel: M. Bohuski Sample date: 11/9/18 Well ID: MW-111

Well location description: Paved parking lot

Well Construction

Well diameter: 2"

Well measurement point: _____

Roadbox condition: Good

Well screen interval: _____

Well depth: 20 ft

Sampling Information

Initial depth to water: 6.80 Time: 1135

Sample intake depth: 12 ft

Pump type and ID: Peristaltic, Pine ## VPH001256

Stabilized flow rate: 200 mL/min

Stabilized flow rate = flow rate with no further drawdown

Samples Collected

VOCs 8260	
SVOCs 8270	
VPH	
EPH	
Metals	
PCBs	
Other	

Field values at time of sample collection:

Time: 1225 Depth to water: 7.04

Sp.Cond. _____ mS/cm

DO _____ mg/L

ORP _____ mV

pH _____ s.u.

Temp. _____ °C

Turb. _____ NTU

Cumulative Time (min.)	Volume (gal)	Water depth (ft) ✓	Temp. (°C) ✓	Sp.Cond. (mS/cm) ✓	D.O. (mg/L) ✓	pH (s.u.) ✓	ORP (mV) ✓	Turb. (NTU) ✓
Typical Groundwater Values			5 to 15	0.05 to 5	0 to 4	5 to 7	-100 to +500	aim for <10
~~1140~~								
1143	—	6.98	—	—	—	—	—	—
1145	0.5	6.97	17.49	6.63	0.91	6.75	-104	0.0
1150	1.0	7.00	17.59	6.59	0.82	6.77	-113	0.0
1155	1.35	6.98	17.38	6.57	0.64	6.79	-119	0.0
1200	1.5	6.97	17.19	6.55	0.75	6.82	-120	0.0
1205	1.75	6.99	17.29	6.53	0.55	6.81	-122	0.0
1210	2.00	7.00	17.39	6.52	0.50	6.81	-124	0.0
1215	2.25	7.00	17.36	6.51	0.47	6.81	-125	0.0
1220	2.5	7.00	17.49	6.49	0.42	6.82	-126	0.0
1225	2.75	7.04	17.51	6.49	0.39	6.82	-127	0.0

Notes: 1152 reduced pump speed from approx 400 mL/min to approx 200 mL/min.

DTB 20.25 ft

Sample Information:

Sample ID: MW-111a/MW-111X/MW-111a MS/MSD

Sample Time: _____

Color: Clear

Turbidity: 0.0 NTU

Field Filtered YES / (NO) Analyses: _____

Filter type: N/A

Odor/Sheen/NAPL: Mild petro odor

Duplicate Collected YES / NO: Slight ~~no~~ sheen

If yes, duplicate ID: _____

Purge water disposal? to ground (drummed) other:

Well Volume Conversion:

Diam. (in)	Factor (gal/ft)
1	0.04
1.5	0.09
2	0.16
4	0.65
6	1.50

well volume = 3.14 x (r)^2 x 7.48 gal/ft where r = 1/2 diameter in ft

Stabilization Criteria:

Sp.Cond. +/- 3%
DO +/- 10%
ORP +/- 10 mV
pH +/- 0.1 Std Units
Temp. +/- 3%
Turb. +/- 10% if values >1 NTU

Guidance:

1 Position tubing at midpoint of saturated screened interval

2 Minimize drop in water level and purge until parameters are stable

3 Disconnect flow thru cell during sampling

4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data).

5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

Appendix B

Data Usability Summary Report (DUSR)

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

December 5, 2018

Wendy Monterosso
GEI Consultants
110 Walt Whitman Rd Suite 204
Huntington Station, NY 11746

RE: Validation of the 207th Street/9th Avenue Site Analytical Laboratory Data
Data Usability Summary Report (DUSR)
Alpha Analytical SDG Nos. L1816052 and L1816119

Dear Ms. Monterosso:

Review has been completed for the data packages generated by Alpha Analytical that pertain to samples collected 11/09/18 at the 207th Street/9th Avenue site. One aqueous sample, a field duplicate, and a field blank were processed for TCL semivolatiles. Three 6 L summa canisters and one field duplicate were processed for volatile analytes. The analytical methodologies are the USEPA SW846 method 8270D and USEPA TO-15.

The data packages submitted contain full deliverables for validation, and this DUSR is generated from review of the summary form information, with review of sample raw data, and limited review of associated QC raw data. The reported summary forms have been reviewed for application of validation qualifiers, using guidance from the USEPA national guidance documents, Region 2 validation SOPs, the specific laboratory methodology, and professional judgment, as affect the usability of the data. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Method and Preparation Blanks
* Blind Field Duplicate Correlations
* Laboratory Control Samples (LCSs)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c) DUSR description. The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

Those items showing deficiencies are discussed in the following sections of this report. All others were found to be acceptable as outlined in the above-mentioned validation procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results are substantiated by the raw data, and generated in compliance with project requirements.

In summary, most sample results are usable either as reported or with minor qualification/edit. However, the result for one semivolatile analyte in the groundwater sample is rejected and not usable.

Accuracy, precision, data completeness, reproducibility, sensitivity, and comparability are acceptable.

The client and laboratory sample identifications are attached to this text, and should be reviewed in conjunction with this report. Also included in this report are the client EQuIS EDDs, qualified to reflect the qualifications/edits recommended in this report.

Blind Field Duplicate Correlations

The field duplicate correlations of MW-111A are within validation guidelines. Those for SV-103B show outliers for the following compounds, the results for which are qualified as estimated in the parent sample and its duplicate: dichlorodifluoromethane, ethanol, 2-butanone, 4-methyl-2-pentanone, 2,2,4-trimethylpentane, ethylbenzene, m,p-xylene, o-xylene, 1,2,4-trimethylbenene, and 1,3,5-trimethyl-benzene.

TCL Semivolatile Analyses by USEPA Method 8270D

3,3'-Dichlorobenzidine failed to recover in the matrix spikes of MW-111A. Therefore the result for that compound has been rejected in that parent sample. The results for 4-chloroaniline and 4-nitroaniline in that parent sample are qualified as estimated in value due to low recoveries (26% to 39%) in those matrix spikes.

The results for 4-chloroaniline are qualified as estimated in the samples and field blank due to low recoveries (36% and 37%) in the associated LCSs.

Holding time requirements were met. Sample surrogate and internal standard recoveries are compliant. Calibration standards show responses within the validation guidelines. Blanks show no contamination.

Volatile Analyses by EPA TO-15--Full Scan

Holding times were met, surrogate and internal standard responses are compliant, and instrument tunes meet fragmentation requirements. Method and canister blanks show no contamination.

Initial and continuing calibration standard (ICV and CCV) linearity and calibration verification responses are within validation guidelines, with the following exception, the results for which are qualified as estimated in the associated, indicated samples:

Results of analytes initially reported with the "E" qualifier are derived from dilution analyses of the samples, thus reflecting response within established linear range of the instruments.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Att: Validation Data Qualifiers
Client Sample Identifications
Qualified EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Client and Laboratory Sample Identifications

Project Name: 207TH ST./9TH AVE.
Project Number: 1801342

Lab Number: L1846052
Report Date: 11/16/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1846052-01	MW-111A	WATER	INWOOD, MANHATTAN, NY	11/09/18 12:25	11/09/18
L1846052-02	MW-111X	WATER	INWOOD, MANHATTAN, NY	11/09/18 12:31	11/09/18
L1846052-03	FIELD BLANK	WATER	INWOOD, MANHATTAN, NY	11/09/18 12:35	11/09/18

Project Name:	207TH ST./9TH AVE.	**Lab Number:**	L1846119
Project Number:	1801342	**Report Date:**	11/16/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1846119-01	SV-103A	SOIL_VAPOR	3875 9TH AVENUE	11/09/18 14:09	11/09/18
L1846119-02	SV-103B	SOIL_VAPOR	3875 9TH AVENUE	11/09/18 14:49	11/09/18
L1846119-03	SV-103X	SOIL_VAPOR	3875 9TH AVENUE	11/09/18 14:47	11/09/18
L1846119-04	SV-103C	SOIL_VAPOR	3875 9TH AVENUE	11/09/18 14:37	11/09/18

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOF
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	95-94-3	1,2,4,5-Tetrachlorobenzene			TRG	YES	N	U	Y	0.44	10	10	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	120-82-1	1,2,4-Trichlorobenzene			TRG	YES	N	U	Y	0.5	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	95-50-1	1,2-Dichlorobenzene			TRG	YES	N	U	Y	0.45	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	541-73-1	1,3-Dichlorobenzene			TRG	YES	N	U	Y	0.4	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	106-46-7	1,4-Dichlorobenzene			TRG	YES	N	U	Y	0.43	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	95-95-4	2,4,5-Trichlorophenol			TRG	YES	N	U	Y	0.77	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	88-06-2	2,4,6-Trichlorophenol			TRG	YES	N	U	Y	0.61	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	120-83-2	2,4-Dichlorophenol			TRG	YES	N	U	Y	0.41	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	105-67-9	2,4-Dimethylphenol			TRG	YES	N	U	Y	1.8	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	51-28-5	2,4-Dinitrophenol			TRG	YES	N	U	Y	6.6	20	20	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	121-14-2	2,4-Dinitrotoluene			TRG	YES	N	U	Y	1.2	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	606-20-2	2,6-Dinitrotoluene			TRG	YES	N	U	Y	0.93	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	95-57-8	2-Chlorophenol			TRG	YES	N	U	Y	0.48	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	95-48-7	2-Methylphenol			TRG	YES	N	U	Y	0.49	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	88-74-4	2-Nitroaniline			TRG	YES	N	U	Y	0.5	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	88-75-5	2-Nitrophenol			TRG	YES	N	U	Y	0.85	10	10	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	91-94-1	3,3'-Dichlorobenzidine			TRG	YES	N	U	Y	1.6	5	5	ug/l	ug/l			R
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	108394/10	3-Methylphenol/4-Methylphenol			TRG	YES	N	U	Y	0.48	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	99-09-2	3-Nitroaniline			TRG	YES	N	U	Y	0.81	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	534-52-1	4,6-Dinitro-o-cresol			TRG	YES	N	U	Y	1.8	10	10	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	101-55-3	4-Bromophenyl phenyl ether			TRG	YES	N	U	Y	0.38	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	106-47-8	4-Chloroaniline			TRG	YES	N	U	Y	1.1	5	5	ug/l	ug/l			UJ
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	7005-72-3	4-Chlorophenyl phenyl ether			TRG	YES	N	U	Y	0.49	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	100-01-6	4-Nitroaniline			TRG	YES	N	U	Y	0.8	5	5	ug/l	ug/l			UJ
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	100-02-7	4-Nitrophenol			TRG	YES	N	U	Y	0.67	10	10	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	98-86-2	Acetophenone			TRG	YES	N	U	Y	0.53	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	65-85-0	Benzoic Acid			TRG	YES	N	U	Y	2.6	50	50	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	100-51-6	Benzyl Alcohol			TRG	YES	N	U	Y	0.59	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	92-52-4	Biphenyl			TRG	YES	N	U	Y	0.46	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	111-91-1	Bis(2-chloroethoxy)methane			TRG	YES	N	U	Y	0.5	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	111-44-4	Bis(2-chloroethyl)ether			TRG	YES	N	U	Y	0.5	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	39638-32-9	Bis(2-chloroisopropyl)ether			TRG	YES	N	U	Y	0.53	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	117-81-7	Bis(2-ethylhexyl)phthalate			TRG	YES	N	U	Y	1.5	3	3	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	85-68-7	Butyl benzyl phthalate			TRG	YES	N	U	Y	1.2	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	86-74-8	Carbazole			TRG	YES	N	U	Y	0.49	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	84-74-2	Di-n-butylphthalate			TRG	YES	N	U	Y	0.39	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	117-84-0	Di-n-octylphthalate			TRG	YES	N	U	Y	1.3	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	132-64-9	Dibenzofur	1.5		TRG	YES	Y	J	Y	0.5	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	84-66-2	Diethyl phthalate			TRG	YES	N	U	Y	0.38	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	131-11-3	Dimethyl phthalate			TRG	YES	N	U	Y	1.8	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	77-47-4	Hexachlorocyclopentadiene			TRG	YES	N	U	Y	0.69	20	20	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	78-59-1	Isophorone			TRG	YES	N	U	Y	1.2	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	621-64-7	n-Nitrosodi-n-propylamine			TRG	YES	N	U	Y	0.64	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	98-95-3	Nitrobenzene			TRG	YES	N	U	Y	0.77	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	86-30-6	NDPA/DPA			TRG	YES	N	U	Y	0.42	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	59-50-7	p-Chloro-m-cresol			TRG	YES	N	U	Y	0.35	2	2	ug/l	ug/l			
MW-111A_	SW 8270D	########	7:06	N	NA	INITIAL	108-95-2	Phenol			TRG	YES	N	U	Y	0.57	5	5	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	91-58-7	2-Chloronaphthalene			TRG	YES	N	U	Y	0.02	0.2	0.2	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	91-57-6	2-Methylna	0.1		TRG	YES	Y		Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	83-32-9	Acenaphth	3.2		TRG	YES	Y		Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	208-96-8	Acenaphth	0.22		TRG	YES	Y		Y	0.01	0.1	0.1	ug/l	ug/l			

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL_	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOF
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	120-12-7	Anthracene	0.54		TRG	YES	Y		Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	56-55-3	Benzo(a)an	0.06		TRG	YES	Y	J	Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	50-32-8	Benzo(a)pyrene			TRG	YES	N	U	Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	205-99-2	Benzo(b)fluoranthene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	191-24-2	Benzo(ghi)perylene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	207-08-9	Benzo(k)fluoranthene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	218-01-9	Chrysene	0.06		TRG	YES	Y	J	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	53-70-3	Dibenzo(a,h)anthracene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	206-44-0	Fluoranthe	0.96		TRG	YES	Y		Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	86-73-7	Fluorene	3.7		TRG	YES	Y		Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	118-74-1	Hexachlorobenzene			TRG	YES	N	U	Y	0.01	0.8	0.8	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	87-68-3	Hexachlorobutadiene			TRG	YES	N	U	Y	0.05	0.5	0.5	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	67-72-1	Hexachloroethane			TRG	YES	N	U	Y	0.06	0.8	0.8	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	193-39-5	Indeno(1,2,3-cd)pyrene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	91-20-3	Naphthalei	0.22		TRG	YES	Y		Y	0.05	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	87-86-5	Pentachlorophenol			TRG	YES	N	U	Y	0.01	0.8	0.8	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	85-01-8	Phenanthre	1.2		TRG	YES	Y		Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111A_	SW 8270D	########	18:23	N	NA	INITIAL	129-00-0	Pyrene	0.65		TRG	YES	Y		Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	95-94-3	1,2,4,5-Tetrachlorobenzene			TRG	YES	N	U	Y	0.44	10	10	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	120-82-1	1,2,4-Trichlorobenzene			TRG	YES	N	U	Y	0.5	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	95-50-1	1,2-Dichlorobenzene			TRG	YES	N	U	Y	0.45	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	541-73-1	1,3-Dichlorobenzene			TRG	YES	N	U	Y	0.4	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	106-46-7	1,4-Dichlorobenzene			TRG	YES	N	U	Y	0.43	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	95-95-4	2,4,5-Trichlorophenol			TRG	YES	N	U	Y	0.77	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	88-06-2	2,4,6-Trichlorophenol			TRG	YES	N	U	Y	0.61	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	120-83-2	2,4-Dichlorophenol			TRG	YES	N	U	Y	0.41	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	105-67-9	2,4-Dimethylphenol			TRG	YES	N	U	Y	1.8	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	51-28-5	2,4-Dinitrophenol			TRG	YES	N	U	Y	6.6	20	20	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	121-14-2	2,4-Dinitrotoluene			TRG	YES	N	U	Y	1.2	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	606-20-2	2,6-Dinitrotoluene			TRG	YES	N	U	Y	0.93	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	95-57-8	2-Chlorophenol			TRG	YES	N	U	Y	0.48	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	95-48-7	2-Methylphenol			TRG	YES	N	U	Y	0.49	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	88-74-4	2-Nitroaniline			TRG	YES	N	U	Y	0.5	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	88-75-5	2-Nitrophenol			TRG	YES	N	U	Y	0.85	10	10	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	91-94-1	3,3'-Dichlorobenzidine			TRG	YES	N	U	Y	1.6	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	108394/10	3-Methylphenol/4-Methylphenol			TRG	YES	N	U	Y	0.48	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	99-09-2	3-Nitroaniline			TRG	YES	N	U	Y	0.81	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	534-52-1	4,6-Dinitro-o-cresol			TRG	YES	N	U	Y	1.8	10	10	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	101-55-3	4-Bromophenyl phenyl ether			TRG	YES	N	U	Y	0.38	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	106-47-8	4-Chloroaniline			TRG	YES	N	U	Y	1.1	5	5	ug/l	ug/l			UJ
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	7005-72-3	4-Chlorophenyl phenyl ether			TRG	YES	N	U	Y	0.49	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	100-01-6	4-Nitroaniline			TRG	YES	N	U	Y	0.8	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	100-02-7	4-Nitrophenol			TRG	YES	N	U	Y	0.67	10	10	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	98-86-2	Acetophenone			TRG	YES	N	U	Y	0.53	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	65-85-0	Benzoic Acid			TRG	YES	N	U	Y	2.6	50	50	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	100-51-6	Benzyl Alcohol			TRG	YES	N	U	Y	0.59	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	92-52-4	Biphenyl			TRG	YES	N	U	Y	0.46	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	111-91-1	Bis(2-chloroethoxy)methane			TRG	YES	N	U	Y	0.5	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	111-44-4	Bis(2-chloroethyl)ether			TRG	YES	N	U	Y	0.5	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	39638-32-9	Bis(2-chloroisopropyl)ether			TRG	YES	N	U	Y	0.53	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	117-81-7	Bis(2-ethyll	2.4		TRG	YES	Y	J	Y	1.5	3	3	ug/l	ug/l			

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL_	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOF
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	85-68-7	Butyl benzyl phthalate			TRG	YES	N	U	Y	1.2	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	86-74-8	Carbazole			TRG	YES	N	U	Y	0.49	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	84-74-2	Di-n-butylphthalate			TRG	YES	N	U	Y	0.39	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	117-84-0	Di-n-octylphthalate			TRG	YES	N	U	Y	1.3	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	132-64-9	Dibenzofur	1.5		TRG	YES	Y	J	Y	0.5	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	84-66-2	Diethyl phthalate			TRG	YES	N	U	Y	0.38	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	131-11-3	Dimethyl phthalate			TRG	YES	N	U	Y	1.8	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	77-47-4	Hexachlorocyclopentadiene			TRG	YES	N	U	Y	0.69	20	20	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	78-59-1	Isophorone			TRG	YES	N	U	Y	1.2	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	621-64-7	n-Nitrosodi-n-propylamine			TRG	YES	N	U	Y	0.64	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	98-95-3	Nitrobenzene			TRG	YES	N	U	Y	0.77	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	86-30-6	NDPA/DPA			TRG	YES	N	U	Y	0.42	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	59-50-7	p-Chloro-m-cresol			TRG	YES	N	U	Y	0.35	2	2	ug/l	ug/l			
MW-111X_	SW 8270D	########	16:57	N	NA	INITIAL	108-95-2	Phenol			TRG	YES	N	U	Y	0.57	5	5	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	91-58-7	2-Chloronaphthalene			TRG	YES	N	U	Y	0.02	0.2	0.2	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	91-57-6	2-Methylna	0.09		TRG	YES	Y	J	Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	83-32-9	Acenaphth	3.1		TRG	YES	Y		Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	208-96-8	Acenaphth	0.21		TRG	YES	Y		Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	120-12-7	Anthracene	0.53		TRG	YES	Y		Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	56-55-3	Benzo(a)an	0.05		TRG	YES	Y	J	Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	50-32-8	Benzo(a)pyrene			TRG	YES	N	U	Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	205-99-2	Benzo(b)fluoranthene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	191-24-2	Benzo(ghi)perylene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	207-08-9	Benzo(k)fluoranthene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	218-01-9	Chrysene	0.05		TRG	YES	Y	J	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	53-70-3	Dibenzo(a,h)anthracene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	206-44-0	Fluoranthe	0.91		TRG	YES	Y		Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	86-73-7	Fluorene	3.7		TRG	YES	Y		Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	118-74-1	Hexachlorobenzene			TRG	YES	N	U	Y	0.01	0.8	0.8	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	87-68-3	Hexachlorobutadiene			TRG	YES	N	U	Y	0.05	0.5	0.5	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	67-72-1	Hexachloroethane			TRG	YES	N	U	Y	0.06	0.8	0.8	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	193-39-5	Indeno(1,2,3-cd)pyrene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	91-20-3	Naphthaler	0.24		TRG	YES	Y		Y	0.05	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	87-86-5	Pentachlorophenol			TRG	YES	N	U	Y	0.01	0.8	0.8	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	85-01-8	Phenanthre	1.2		TRG	YES	Y		Y	0.02	0.1	0.1	ug/l	ug/l			
MW-111X_	SW 8270D	########	18:50	N	NA	INITIAL	129-00-0	Pyrene	0.61		TRG	YES	Y		Y	0.02	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	95-94-3	1,2,4,5-Tetrachlorobenzene			TRG	YES	N	U	Y	0.44	10	10	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	120-82-1	1,2,4-Trichlorobenzene			TRG	YES	N	U	Y	0.5	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	95-50-1	1,2-Dichlorobenzene			TRG	YES	N	U	Y	0.45	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	541-73-1	1,3-Dichlorobenzene			TRG	YES	N	U	Y	0.4	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	106-46-7	1,4-Dichlorobenzene			TRG	YES	N	U	Y	0.43	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	95-95-4	2,4,5-Trichlorophenol			TRG	YES	N	U	Y	0.77	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	88-06-2	2,4,6-Trichlorophenol			TRG	YES	N	U	Y	0.61	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	120-83-2	2,4-Dichlorophenol			TRG	YES	N	U	Y	0.41	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	105-67-9	2,4-Dimethylphenol			TRG	YES	N	U	Y	1.8	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	51-28-5	2,4-Dinitrophenol			TRG	YES	N	U	Y	6.6	20	20	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	121-14-2	2,4-Dinitrotoluene			TRG	YES	N	U	Y	1.2	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	606-20-2	2,6-Dinitrotoluene			TRG	YES	N	U	Y	0.93	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	95-57-8	2-Chlorophenol			TRG	YES	N	U	Y	0.48	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	95-48-7	2-Methylphenol			TRG	YES	N	U	Y	0.49	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	88-74-4	2-Nitroaniline			TRG	YES	N	U	Y	0.5	5	5	ug/l	ug/l			

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOI
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	88-75-5	2-Nitrophenol			TRG	YES	N	U	Y	0.85	10	10	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	91-94-1	3,3'-Dichlorobenzidine			TRG	YES	N	U	Y	1.6	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	108394/10	3-Methylphenol/4-Methylphenol			TRG	YES	N	U	Y	0.48	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	99-09-2	3-Nitroaniline			TRG	YES	N	U	Y	0.81	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	534-52-1	4,6-Dinitro-o-cresol			TRG	YES	N	U	Y	1.8	10	10	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	101-55-3	4-Bromophenyl phenyl ether			TRG	YES	N	U	Y	0.38	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	106-47-8	4-Chloroaniline			TRG	YES	N	U	Y	1.1	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	7005-72-3	4-Chlorophenyl phenyl ether			TRG	YES	N	U	Y	0.49	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	100-01-6	4-Nitroaniline			TRG	YES	N	U	Y	0.8	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	100-02-7	4-Nitrophenol			TRG	YES	N	U	Y	0.67	10	10	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	98-86-2	Acetophenone			TRG	YES	N	U	Y	0.53	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	65-85-0	Benzoic Acid			TRG	YES	N	U	Y	2.6	50	50	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	100-51-6	Benzyl Alcohol			TRG	YES	N	U	Y	0.59	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	92-52-4	Biphenyl			TRG	YES	N	U	Y	0.46	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	111-91-1	Bis(2-chloroethoxy)methane			TRG	YES	N	U	Y	0.5	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	111-44-4	Bis(2-chloroethyl)ether			TRG	YES	N	U	Y	0.5	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	39638-32-9	Bis(2-chloroisopropyl)ether			TRG	YES	N	U	Y	0.53	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	117-81-7	Bis(2-ethylhexyl)phthalate			TRG	YES	N	U	Y	1.5	3	3	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	85-68-7	Butyl benzyl phthalate			TRG	YES	N	U	Y	1.2	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	86-74-8	Carbazole			TRG	YES	N	U	Y	0.49	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	84-74-2	Di-n-butylphthalate			TRG	YES	N	U	Y	0.39	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	117-84-0	Di-n-octylphthalate			TRG	YES	N	U	Y	1.3	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	132-64-9	Dibenzofuran			TRG	YES	N	U	Y	0.5	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	84-66-2	Diethyl phthalate			TRG	YES	N	U	Y	0.38	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	131-11-3	Dimethyl phthalate			TRG	YES	N	U	Y	1.8	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	77-47-4	Hexachlorocyclopentadiene			TRG	YES	N	U	Y	0.69	20	20	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	78-59-1	Isophorone			TRG	YES	N	U	Y	1.2	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	621-64-7	n-Nitrosodi-n-propylamine			TRG	YES	N	U	Y	0.64	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	98-95-3	Nitrobenzene			TRG	YES	N	U	Y	0.77	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	86-30-6	NDPA/DPA			TRG	YES	N	U	Y	0.42	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	59-50-7	p-Chloro-m-cresol			TRG	YES	N	U	Y	0.35	2	2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	17:26	N	NA	INITIAL	108-95-2	Phenol			TRG	YES	N	U	Y	0.57	5	5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	91-58-7	2-Chloronaphthalene			TRG	YES	N	U	Y	0.02	0.2	0.2	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	91-57-6	2-Methylna	0.02		TRG	YES	Y	J	Y	0.02	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	83-32-9	Acenaphthene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	208-96-8	Acenaphthylene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	120-12-7	Anthracene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	56-55-3	Benzo(a)anthracene			TRG	YES	N	U	Y	0.02	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	50-32-8	Benzo(a)pyrene			TRG	YES	N	U	Y	0.02	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	205-99-2	Benzo(b)fluoranthene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	191-24-2	Benzo(ghi)perylene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	207-08-9	Benzo(k)fluoranthene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	218-01-9	Chrysene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	53-70-3	Dibenzo(a,h)anthracene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	206-44-0	Fluoranthene			TRG	YES	N	U	Y	0.02	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	86-73-7	Fluorene	0.02		TRG	YES	Y	J	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	118-74-1	Hexachlorobenzene			TRG	YES	N	U	Y	0.01	0.8	0.8	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	87-68-3	Hexachlorobutadiene			TRG	YES	N	U	Y	0.05	0.5	0.5	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	67-72-1	Hexachloroethane			TRG	YES	N	U	Y	0.06	0.8	0.8	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	193-39-5	Indeno(1,2,3-cd)pyrene			TRG	YES	N	U	Y	0.01	0.1	0.1	ug/l	ug/l			
FIELD BLAN	SW 8270D	########	19:16	N	NA	INITIAL	91-20-3	Naphthalene			TRG	YES	N	U	Y	0.05	0.1	0.1	ug/l	ug/l			

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL_	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_'	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOI
FIELD BLAI	SW	8270D	########	19:16	N	NA	INITIAL	87-86-5	Pentachlorophenol			TRG	YES	N	U	Y	0.01	0.8	0.8	ug/l	ug/l			
FIELD BLAI	SW	8270D	########	19:16	N	NA	INITIAL	85-01-8	Phenanthre	0.03		TRG	YES	Y	J	Y	0.02	0.1	0.1	ug/l	ug/l			
FIELD BLAI	SW	8270D	########	19:16	N	NA	INITIAL	129-00-0	Pyrene			TRG	YES	N	U	Y	0.02	0.1	0.1	ug/l	ug/l			

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL_	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOF
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	71-55-6	1,1,1-Trichloroethane			TRG	YES	N	U	Y	0.402	2.18	2.18	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	79-34-5	1,1,2,2-Tetrachloroethane			TRG	YES	N	U	Y	0.783	2.75	2.75	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha			TRG	YES	N	U	Y	0.627	3.07	3.07	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	79-00-5	1,1,2-Trichloroethane			TRG	YES	N	U	Y	0.791	2.18	2.18	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-34-3	1,1-Dichloroethane			TRG	YES	N	U	Y	0.392	1.62	1.62	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-35-4	1,1-Dichloroethene			TRG	YES	N	U	Y	0.221	1.59	1.59	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	120-82-1	1,2,4-Trichlorobenzene			TRG	YES	N	U	Y	0.75	2.97	2.97	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	95-63-6	1,2,4-Trime	4.38		TRG	YES	Y		Y	0.575	1.97	1.97	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	106-93-4	1,2-Dibromoethane			TRG	YES	N	U	Y	0.845	3.07	3.07	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroet			TRG	YES	N	U	Y	0.583	2.8	2.8	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	95-50-1	1,2-Dichlorobenzene			TRG	YES	N	U	Y	0.854	2.4	2.4	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	107-06-2	1,2-Dichloroethane			TRG	YES	N	U	Y	0.359	1.62	1.62	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	78-87-5	1,2-Dichloropropane			TRG	YES	N	U	Y	0.601	1.85	1.85	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	108-67-8	1,3,5-Trimethylbenzene			TRG	YES	N	U	Y	0.615	1.97	1.97	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	106-99-0	1,3-Butadiene			TRG	YES	N	U	Y	0.216	0.885	0.885	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	541-73-1	1,3-Dichlorobenzene			TRG	YES	N	U	Y	0.854	2.4	2.4	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	106-46-7	1,4-Dichlorobenzene			TRG	YES	N	U	Y	0.896	2.4	2.4	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	123-91-1	1,4-Dioxane			TRG	YES	N	U	Y	0.764	1.44	1.44	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	540-84-1	2,2,4-Trime	2.02		TRG	YES	Y		Y	0.461	1.87	1.87	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	78-93-3	2-Butanone	4.69		TRG	YES	Y		Y	0.378	2.95	2.95	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	591-78-6	2-Hexanon	1.86		TRG	YES	Y		Y	0.713	1.64	1.64	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	107-05-1	3-Chloropropene			TRG	YES	N	U	Y	0.222	1.25	1.25	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	622-96-8	4-Ethyltoluene			TRG	YES	N	U	Y	0.546	1.97	1.97	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	108-10-1	4-Methyl-2-pentanone			TRG	YES	N	U	Y	0.533	4.1	4.1	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	67-64-1	Acetone	119		TRG	YES	Y		Y	3.28	4.75	4.75	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	71-43-2	Benzene	2.25		TRG	YES	Y		Y	0.345	1.28	1.28	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	100-44-7	Benzyl chloride			TRG	YES	N	U	Y	0.528	2.07	2.07	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-27-4	Bromodichloromethane			TRG	YES	N	U	Y	0.571	2.68	2.68	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-25-2	Bromoform			TRG	YES	N	U	Y	1.13	4.14	4.14	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	74-83-9	Bromomethane			TRG	YES	N	U	Y	0.361	1.55	1.55	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-15-0	Carbon dis	2.27		TRG	YES	Y		Y	0.22	1.25	1.25	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	56-23-5	Carbon tetrachloride			TRG	YES	N	U	Y	0.62	2.52	2.52	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	108-90-7	Chlorobenzene			TRG	YES	N	U	Y	0.534	1.84	1.84	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-00-3	Chloroethane			TRG	YES	N	U	Y	0.488	1.06	1.06	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	67-66-3	Chloroform	4.93		TRG	YES	Y		Y	0.488	1.95	1.95	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	74-87-3	Chloromethane			TRG	YES	N	U	Y	0.209	0.826	0.826	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	156-59-2	cis-1,2-Dichloroethene			TRG	YES	N	U	Y	1.09	1.59	1.59	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	10061-01-5	cis-1,3-Dichloropropene			TRG	YES	N	U	Y	0.563	1.82	1.82	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	110-82-7	Cyclohexane			TRG	YES	N	U	Y	0.341	1.38	1.38	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	124-48-1	Dibromochloromethane			TRG	YES	N	U	Y	1.12	3.41	3.41	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-71-8	Dichlorodif	2.69		TRG	YES	Y		Y	0.373	1.98	1.98	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	141-78-6	Ethyl Acetate			TRG	YES	N	U	Y	1.39	3.6	3.6	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	64-17-5	Ethyl Alcoh	156		TRG	YES	Y		Y	2	18.8	18.8	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	100-41-4	Ethylbenze	4.14		TRG	YES	Y		Y	0.495	1.74	1.74	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	142-82-5	Heptane	10.7		TRG	YES	Y		Y	0.574	1.64	1.64	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	87-68-3	Hexachlorobutadiene			TRG	YES	N	U	Y	1.32	4.27	4.27	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	67-63-0	iso-Propyl /	10.9		TRG	YES	Y		Y	2.35	2.46	2.46	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	1634-04-4	Methyl tert butyl ether			TRG	YES	N	U	Y	0.537	1.44	1.44	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-09-2	Methylene chloride			TRG	YES	N	U	Y	0.931	3.47	3.47	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	110-54-3	n-Hexane	2.19		TRG	YES	Y		Y	0.367	1.41	1.41	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	95-47-6	o-Xylene	4.91		TRG	YES	Y		Y	0.599	1.74	1.74	ug/m3	ug/m3			

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOF
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	179601-23	p/m-Xylene	15.6		TRG	YES	Y		Y	1.09	3.47	3.47	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	100-42-5	Styrene			TRG	YES	N	U	Y	0.545	1.7	1.7	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-65-0	tert-Butyl A	17.7		TRG	YES	Y		Y	0.333	3.03	3.03	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	127-18-4	Tetrachlorc	571		TRG	YES	Y		Y	0.902	2.71	2.71	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	109-99-9	Tetrahydrofuran			TRG	YES	N	U	Y	0.49	2.95	2.95	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	108-88-3	Toluene	46.7		TRG	YES	Y		Y	0.407	1.51	1.51	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	156-60-5	trans-1,2-Dichloroethene			TRG	YES	N	U	Y	0.507	1.59	1.59	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	10061-02-6	trans-1,3-Dichloropropene			TRG	YES	N	U	Y	0.581	1.82	1.82	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	79-01-6	Trichloroet	67.2		TRG	YES	Y		Y	0.58	2.15	2.15	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-69-4	Trichlorofl	2.43		TRG	YES	Y		Y	0.465	2.25	2.25	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	593-60-2	Vinyl bromide			TRG	YES	N	U	Y	0.503	1.75	1.75	ug/m3	ug/m3			
SV-103A_1	TO-15	########	0:02	N	NA	DILUTION	75-01-4	Vinyl chloride			TRG	YES	N	U	Y	0.2	1.02	1.02	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	71-55-6	1,1,1-Trichloroethane			TRG	YES	N	U	Y	0.201	1.09	1.09	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	79-34-5	1,1,2,2-Tetrachloroethane			TRG	YES	N	U	Y	0.391	1.37	1.37	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha			TRG	YES	N	U	Y	0.313	1.53	1.53	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	79-00-5	1,1,2-Trichloroethane			TRG	YES	N	U	Y	0.396	1.09	1.09	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-34-3	1,1-Dichloroethane			TRG	YES	N	U	Y	0.196	0.809	0.809	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-35-4	1,1-Dichloroethene			TRG	YES	N	U	Y	0.111	0.793	0.793	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	120-82-1	1,2,4-Trichlorobenzene			TRG	YES	N	U	Y	0.375	1.48	1.48	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	95-63-6	1,2,4-Trime	9.83		TRG	YES	Y		Y	0.289	0.983	0.983	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	106-93-4	1,2-Dibromoethane			TRG	YES	N	U	Y	0.421	1.54	1.54	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroet			TRG	YES	N	U	Y	0.291	1.4	1.4	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	95-50-1	1,2-Dichlorobenzene			TRG	YES	N	U	Y	0.426	1.2	1.2	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	107-06-2	1,2-Dichloroethane			TRG	YES	N	U	Y	0.18	0.809	0.809	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	78-87-5	1,2-Dichloropropane			TRG	YES	N	U	Y	0.301	0.924	0.924	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	108-67-8	1,3,5-Trime	2.95		TRG	YES	Y		Y	0.307	0.983	0.983	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	106-99-0	1,3-Butadiene			TRG	YES	N	U	Y	0.108	0.442	0.442	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	541-73-1	1,3-Dichlorobenzene			TRG	YES	N	U	Y	0.427	1.2	1.2	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	106-46-7	1,4-Dichlorobenzene			TRG	YES	N	U	Y	0.448	1.2	1.2	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	123-91-1	1,4-Dioxane			TRG	YES	N	U	Y	0.382	0.721	0.721	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	540-84-1	2,2,4-Trime	1.98		TRG	YES	Y		Y	0.231	0.934	0.934	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	78-93-3	2-Butanone	7.08		TRG	YES	Y		Y	0.188	1.47	1.47	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	591-78-6	2-Hexanon	11.8		TRG	YES	Y		Y	0.357	0.82	0.82	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	107-05-1	3-Chloropropene			TRG	YES	N	U	Y	0.111	0.626	0.626	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	622-96-8	4-Ethyltolu	1.6		TRG	YES	Y		Y	0.272	0.983	0.983	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	108-10-1	4-Methyl-2	6.11		TRG	YES	Y		Y	0.266	2.05	2.05	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	67-64-1	Acetone	37.3		TRG	YES	Y		Y	1.64	2.38	2.38	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	71-43-2	Benzene	1.03		TRG	YES	Y		Y	0.173	0.639	0.639	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	100-44-7	Benzyl chloride			TRG	YES	N	U	Y	0.265	1.04	1.04	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-27-4	Bromodichloromethane			TRG	YES	N	U	Y	0.285	1.34	1.34	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-25-2	Bromoform			TRG	YES	N	U	Y	0.566	2.07	2.07	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	74-83-9	Bromomethane			TRG	YES	N	U	Y	0.181	0.777	0.777	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-15-0	Carbon disı	0.841		TRG	YES	Y		Y	0.11	0.623	0.623	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	56-23-5	Carbon tetrachloride			TRG	YES	N	U	Y	0.31	1.26	1.26	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	108-90-7	Chlorobenzene			TRG	YES	N	U	Y	0.267	0.921	0.921	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-00-3	Chloroethane			TRG	YES	N	U	Y	0.244	0.528	0.528	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	67-66-3	Chloroform	64		TRG	YES	Y		Y	0.245	0.977	0.977	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	74-87-3	Chloromethane			TRG	YES	N	U	Y	0.105	0.413	0.413	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	156-59-2	cis-1,2-Dicl	5.59		TRG	YES	Y		Y	0.547	0.793	0.793	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	10061-01-5	cis-1,3-Dichloropropene			TRG	YES	N	U	Y	0.282	0.908	0.908	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	110-82-7	Cyclohexane			TRG	YES	N	U	Y	0.17	0.688	0.688	ug/m3	ug/m3			

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOF
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	124-48-1	Dibromochloromethane		TRG	YES	N	U		Y	0.56	1.7	1.7	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-71-8	Dichlorodif	2.77	TRG	YES	Y			Y	0.186	0.989	0.989	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	141-78-6	Ethyl Acetate		TRG	YES	N	U		Y	0.696	1.8	1.8	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	64-17-5	Ethyl Alcoh	37.5	TRG	YES	Y			Y	1	9.42	9.42	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	100-41-4	Ethylbenze	2.32	TRG	YES	Y			Y	0.248	0.869	0.869	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	142-82-5	Heptane		TRG	YES	N	U		Y	0.288	0.82	0.82	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	87-68-3	Hexachlorobutadiene		TRG	YES	N	U		Y	0.661	2.13	2.13	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	67-63-0	iso-Propyl /	2.15	TRG	YES	Y			Y	1.17	1.23	1.23	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	1634-04-4	Methyl tert butyl ether		TRG	YES	N	U		Y	0.269	0.721	0.721	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-09-2	Methylene chloride		TRG	YES	N	U		Y	0.466	1.74	1.74	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	110-54-3	n-Hexane		TRG	YES	N	U		Y	0.183	0.705	0.705	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	95-47-6	o-Xylene	3.71	TRG	YES	Y			Y	0.299	0.869	0.869	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	179601-23	p/m-Xylene	8.56	TRG	YES	Y			Y	0.543	1.74	1.74	ug/m3	ug/m3			J
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	100-42-5	Styrene		TRG	YES	N	U		Y	0.272	0.852	0.852	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-65-0	tert-Butyl A	18.6	TRG	YES	Y			Y	0.167	1.52	1.52	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	127-18-4	Tetrachlorc	1420	TRG	NO	Y		E	Y	0.45	1.36	1.36	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	109-99-9	Tetrahydrofuran		TRG	YES	N	U		Y	0.244	1.47	1.47	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	108-88-3	Toluene	7.2	TRG	YES	Y			Y	0.203	0.754	0.754	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	156-60-5	trans-1,2-Dichloroethene		TRG	YES	N	U		Y	0.253	0.793	0.793	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	10061-02-6	trans-1,3-Dichloropropene		TRG	YES	N	U		Y	0.29	0.908	0.908	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	79-01-6	Trichloroet	325	TRG	YES	Y			Y	0.29	1.07	1.07	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-69-4	Trichlorofl	1.6	TRG	YES	Y			Y	0.233	1.12	1.12	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	593-60-2	Vinyl bromide		TRG	YES	N	U		Y	0.251	0.874	0.874	ug/m3	ug/m3			
SV-103B_1	TO-15	########	0:41	N	NA	INITIAL	75-01-4	Vinyl chloride		TRG	YES	N	U		Y	0.1	0.511	0.511	ug/m3	ug/m3			
SV-103B_1	TO-15	########	9:41	N	NA	DILUTION	127-18-4	Tetrachlorc	1500	TRG	YES	Y			Y	2.25	6.78	6.78	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	71-55-6	1,1,1-Trichloroethane		TRG	YES	N	U		Y	1	5.46	5.46	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	79-34-5	1,1,2,2-Tetrachloroethane		TRG	YES	N	U		Y	1.96	6.87	6.87	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha		TRG	YES	N	U		Y	1.56	7.66	7.66	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	79-00-5	1,1,2-Trichloroethane		TRG	YES	N	U		Y	1.98	5.46	5.46	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-34-3	1,1-Dichloroethane		TRG	YES	N	U		Y	0.979	4.05	4.05	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-35-4	1,1-Dichloroethene		TRG	YES	N	U		Y	0.555	3.96	3.96	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	120-82-1	1,2,4-Trichlorobenzene		TRG	YES	N	U		Y	1.87	7.42	7.42	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	95-63-6	1,2,4-Trime	6.19	TRG	YES	Y			Y	1.45	4.92	4.92	ug/m3	ug/m3			J
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	106-93-4	1,2-Dibromoethane		TRG	YES	N	U		Y	2.11	7.69	7.69	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroet		TRG	YES	N	U		Y	1.45	6.99	6.99	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	95-50-1	1,2-Dichlorobenzene		TRG	YES	N	U		Y	2.13	6.01	6.01	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	107-06-2	1,2-Dichloroethane		TRG	YES	N	U		Y	0.899	4.05	4.05	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	78-87-5	1,2-Dichloropropane		TRG	YES	N	U		Y	1.51	4.62	4.62	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	108-67-8	1,3,5-Trimethylbenzene		TRG	YES	N	U		Y	1.53	4.92	4.92	ug/m3	ug/m3			UJ
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	106-99-0	1,3-Butadiene		TRG	YES	N	U		Y	0.54	2.21	2.21	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	541-73-1	1,3-Dichlorobenzene		TRG	YES	N	U		Y	2.14	6.01	6.01	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	106-46-7	1,4-Dichlorobenzene		TRG	YES	N	U		Y	2.24	6.01	6.01	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	123-91-1	1,4-Dioxane		TRG	YES	N	U		Y	1.91	3.6	3.6	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	540-84-1	2,2,4-Trimethylpentane		TRG	YES	N	U		Y	1.15	4.67	4.67	ug/m3	ug/m3			UJ
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	78-93-3	2-Butanone		TRG	YES	N	U		Y	0.941	7.37	7.37	ug/m3	ug/m3			UJ
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	591-78-6	2-Hexanon	8.89	TRG	YES	Y			Y	1.78	4.1	4.1	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	107-05-1	3-Chloropropene		TRG	YES	N	U		Y	0.554	3.13	3.13	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	622-96-8	4-Ethyltoluene		TRG	YES	N	U		Y	1.36	4.92	4.92	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	108-10-1	4-Methyl-2-pentanone		TRG	YES	N	U		Y	1.33	10.2	10.2	ug/m3	ug/m3			UJ
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	67-64-1	Acetone	32.5	TRG	YES	Y			Y	8.17	11.9	11.9	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	71-43-2	Benzene		TRG	YES	N	U		Y	0.863	3.19	3.19	ug/m3	ug/m3			

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOI
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	100-44-7	Benzyl chloride			TRG	YES	N	U	Y	1.33	5.18	5.18	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-27-4	Bromodichloromethane			TRG	YES	N	U	Y	1.43	6.7	6.7	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-25-2	Bromoform			TRG	YES	N	U	Y	2.83	10.3	10.3	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	74-83-9	Bromomethane			TRG	YES	N	U	Y	0.901	3.88	3.88	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-15-0	Carbon disulfide			TRG	YES	N	U	Y	0.551	3.11	3.11	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	56-23-5	Carbon tetrachloride			TRG	YES	N	U	Y	1.55	6.29	6.29	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	108-90-7	Chlorobenzene			TRG	YES	N	U	Y	1.34	4.61	4.61	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-00-3	Chloroethane			TRG	YES	N	U	Y	1.22	2.64	2.64	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	67-66-3	Chloroform	56.6		TRG	YES	Y		Y	1.23	4.88	4.88	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	74-87-3	Chloromethane			TRG	YES	N	U	Y	0.525	2.07	2.07	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	156-59-2	cis-1,2-Dicl	4.64		TRG	YES	Y		Y	2.74	3.96	3.96	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	10061-01-5	cis-1,3-Dichloropropene			TRG	YES	N	U	Y	1.41	4.54	4.54	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	110-82-7	Cyclohexane			TRG	YES	N	U	Y	0.854	3.44	3.44	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	124-48-1	Dibromochloromethane			TRG	YES	N	U	Y	2.79	8.52	8.52	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-71-8	Dichlorodifluoromethane			TRG	YES	N	U	Y	0.93	4.94	4.94	ug/m3	ug/m3			UJ
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	141-78-6	Ethyl Acetate			TRG	YES	N	U	Y	3.48	9.01	9.01	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	64-17-5	Ethyl Alcohol			TRG	YES	N	U	Y	5.01	47.1	47.1	ug/m3	ug/m3			UJ
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	100-41-4	Ethylbenzene			TRG	YES	N	U	Y	1.24	4.34	4.34	ug/m3	ug/m3			UJ
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	142-82-5	Heptane			TRG	YES	N	U	Y	1.44	4.1	4.1	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	87-68-3	Hexachlorobutadiene			TRG	YES	N	U	Y	3.31	10.7	10.7	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	67-63-0	iso-Propyl Alcohol			TRG	YES	N	U	Y	5.87	6.15	6.15	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	1634-04-4	Methyl tert butyl ether			TRG	YES	N	U	Y	1.35	3.61	3.61	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-09-2	Methylene chloride			TRG	YES	N	U	Y	2.33	8.69	8.69	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	110-54-3	n-Hexane			TRG	YES	N	U	Y	0.916	3.52	3.52	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	95-47-6	o-Xylene			TRG	YES	N	U	Y	1.49	4.34	4.34	ug/m3	ug/m3			UJ
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	179601-23	p/m-Xylene			TRG	YES	N	U	Y	2.71	8.69	8.69	ug/m3	ug/m3			UJ
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	100-42-5	Styrene			TRG	YES	N	U	Y	1.36	4.26	4.26	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-65-0	tert-Butyl A	16.2		TRG	YES	Y		Y	0.837	7.58	7.58	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	127-18-4	Tetrachlorc	1550		TRG	YES	Y		Y	2.25	6.78	6.78	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	109-99-9	Tetrahydrofuran			TRG	YES	N	U	Y	1.22	7.37	7.37	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	108-88-3	Toluene	5.58		TRG	YES	Y		Y	1.01	3.77	3.77	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	156-60-5	trans-1,2-Dichloroethene			TRG	YES	N	U	Y	1.26	3.96	3.96	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	10061-02-6	trans-1,3-Dichloropropene			TRG	YES	N	U	Y	1.45	4.54	4.54	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	79-01-6	Trichloroet	284		TRG	YES	Y		Y	1.45	5.37	5.37	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-69-4	Trichlorofluoromethane			TRG	YES	N	U	Y	1.16	5.62	5.62	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	593-60-2	Vinyl bromide			TRG	YES	N	U	Y	1.25	4.37	4.37	ug/m3	ug/m3			
SV-103X_1	TO-15	########	1:16	N	NA	DILUTION	75-01-4	Vinyl chloride			TRG	YES	N	U	Y	0.501	2.56	2.56	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	71-55-6	1,1,1-Trichloroethane			TRG	YES	N	U	Y	1	5.46	5.46	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	79-34-5	1,1,2,2-Tetrachloroethane			TRG	YES	N	U	Y	1.96	6.87	6.87	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha			TRG	YES	N	U	Y	1.56	7.66	7.66	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	79-00-5	1,1,2-Trichloroethane			TRG	YES	N	U	Y	1.98	5.46	5.46	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-34-3	1,1-Dichloroethane			TRG	YES	N	U	Y	0.979	4.05	4.05	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-35-4	1,1-Dichloroethene			TRG	YES	N	U	Y	0.555	3.96	3.96	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	120-82-1	1,2,4-Trichlorobenzene			TRG	YES	N	U	Y	1.87	7.42	7.42	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	95-63-6	1,2,4-Trime	10.7		TRG	YES	Y		Y	1.45	4.92	4.92	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	106-93-4	1,2-Dibromoethane			TRG	YES	N	U	Y	2.11	7.69	7.69	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroet			TRG	YES	N	U	Y	1.45	6.99	6.99	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	95-50-1	1,2-Dichlorobenzene			TRG	YES	N	U	Y	2.13	6.01	6.01	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	107-06-2	1,2-Dichloroethane			TRG	YES	N	U	Y	0.899	4.05	4.05	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	78-87-5	1,2-Dichloropropane			TRG	YES	N	U	Y	1.51	4.62	4.62	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	108-67-8	1,3,5-Trimethylbenzene			TRG	YES	N	U	Y	1.53	4.92	4.92	ug/m3	ug/m3			

# SYS_SAM	LAB_ANL_I	ANALYSIS_	ANALYSIS_	TOTAL_OR	COLUMN_I	TEST_TYPE	CAS_RN	CHEMICAL_	RESULT_VA	RESULT_ER	RESULT_TY	REPORTAB	DETECT_FL	LAB_QUAL	ORGANIC_	METHOD_I	REPORTIN	QUANTITA	RESULT_UI	DETECTION	TIC_RETEN	RESULT_CC	VALIDATOF
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	106-99-0	1,3-Butadie	2.28		TRG	YES	Y		Y	0.54	2.21	2.21	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	541-73-1	1,3-Dichlorobenzene			TRG	YES	N	U	Y	2.14	6.01	6.01	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	106-46-7	1,4-Dichlorobenzene			TRG	YES	N	U	Y	2.24	6.01	6.01	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	123-91-1	1,4-Dioxane			TRG	YES	N	U	Y	1.91	3.6	3.6	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	540-84-1	2,2,4-Trimethylpentane			TRG	YES	N	U	Y	1.15	4.67	4.67	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	78-93-3	2-Butanon	8.67		TRG	YES	Y		Y	0.941	7.37	7.37	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	591-78-6	2-Hexanon	6.56		TRG	YES	Y		Y	1.78	4.1	4.1	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	107-05-1	3-Chloropropene			TRG	YES	N	U	Y	0.554	3.13	3.13	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	622-96-8	4-Ethyltoluene			TRG	YES	N	U	Y	1.36	4.92	4.92	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	108-10-1	4-Methyl-2-pentanone			TRG	YES	N	U	Y	1.33	10.2	10.2	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	67-64-1	Acetone	30.6		TRG	YES	Y		Y	8.17	11.9	11.9	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	71-43-2	Benzene			TRG	YES	N	U	Y	0.863	3.19	3.19	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	100-44-7	Benzyl chloride			TRG	YES	N	U	Y	1.33	5.18	5.18	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-27-4	Bromodich	15.8		TRG	YES	Y		Y	1.43	6.7	6.7	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-25-2	Bromoform			TRG	YES	N	U	Y	2.83	10.3	10.3	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	74-83-9	Bromomethane			TRG	YES	N	U	Y	0.901	3.88	3.88	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-15-0	Carbon disulfide			TRG	YES	N	U	Y	0.551	3.11	3.11	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	56-23-5	Carbon tetrachloride			TRG	YES	N	U	Y	1.55	6.29	6.29	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	108-90-7	Chlorobenzene			TRG	YES	N	U	Y	1.34	4.61	4.61	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-00-3	Chloroethane			TRG	YES	N	U	Y	1.22	2.64	2.64	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	67-66-3	Chloroform	247		TRG	YES	Y		Y	1.23	4.88	4.88	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	74-87-3	Chloromethane			TRG	YES	N	U	Y	0.525	2.07	2.07	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	156-59-2	cis-1,2-Dichloroethene			TRG	YES	N	U	Y	2.74	3.96	3.96	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	10061-01-5	cis-1,3-Dichloropropene			TRG	YES	N	U	Y	1.41	4.54	4.54	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	110-82-7	Cyclohexane			TRG	YES	N	U	Y	0.854	3.44	3.44	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	124-48-1	Dibromochloromethane			TRG	YES	N	U	Y	2.79	8.52	8.52	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-71-8	Dichlorodifluoromethane			TRG	YES	N	U	Y	0.93	4.94	4.94	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	141-78-6	Ethyl Acetate			TRG	YES	N	U	Y	3.48	9.01	9.01	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	64-17-5	Ethyl Alcoh	52.2		TRG	YES	Y		Y	5.01	47.1	47.1	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	100-41-4	Ethylbenzene			TRG	YES	N	U	Y	1.24	4.34	4.34	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	142-82-5	Heptane			TRG	YES	N	U	Y	1.44	4.1	4.1	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	87-68-3	Hexachlorobutadiene			TRG	YES	N	U	Y	3.31	10.7	10.7	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	67-63-0	iso-Propyl Alcohol			TRG	YES	N	U	Y	5.87	6.15	6.15	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	1634-04-4	Methyl tert butyl ether			TRG	YES	N	U	Y	1.35	3.61	3.61	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-09-2	Methylene chloride			TRG	YES	N	U	Y	2.33	8.69	8.69	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	110-54-3	n-Hexane			TRG	YES	N	U	Y	0.916	3.52	3.52	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	95-47-6	o-Xylene	5.13		TRG	YES	Y		Y	1.49	4.34	4.34	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	179601-23	p/m-Xylene	12.1		TRG	YES	Y		Y	2.71	8.69	8.69	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	100-42-5	Styrene			TRG	YES	N	U	Y	1.36	4.26	4.26	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-65-0	tert-Butyl A	10.7		TRG	YES	Y		Y	0.837	7.58	7.58	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	127-18-4	Tetrachlor	1340		TRG	YES	Y		Y	2.25	6.78	6.78	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	109-99-9	Tetrahydrofuran			TRG	YES	N	U	Y	1.22	7.37	7.37	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	108-88-3	Toluene	11.5		TRG	YES	Y		Y	1.01	3.77	3.77	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	156-60-5	trans-1,2-Dichloroethene			TRG	YES	N	U	Y	1.26	3.96	3.96	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	10061-02-6	trans-1,3-Dichloropropene			TRG	YES	N	U	Y	1.45	4.54	4.54	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	79-01-6	Trichloroet	408		TRG	YES	Y		Y	1.45	5.37	5.37	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-69-4	Trichlorofluoromethane			TRG	YES	N	U	Y	1.16	5.62	5.62	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	593-60-2	Vinyl bromide			TRG	YES	N	U	Y	1.25	4.37	4.37	ug/m3	ug/m3			
SV-103C_1	TO-15	########	1:51	N	NA	DILUTION	75-01-4	Vinyl chloride			TRG	YES	N	U	Y	0.501	2.56	2.56	ug/m3	ug/m3			

Appendix C

Laboratory Category B Data Reports