Phase II Environmental Site Assessment

18-46 Decatur Street

18-46 Decatur Street
Queens, New York

EBI Project No. 12160000109

June 3, 2016

Prepared for:

Sterling National Bank
400 Rella Boulevard
Montebello, New York

Prepared by:

EBI Consulting
environmental | engineering | due diligence

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June 3, 2016

Ms. Yanet Cordero
Sterling National Bank
400 Rella Boulevard
Montebello, New York

Subject: Phase II Environmental Site Assessment
18-46 Decatur Street
18-46 Decatur Street, Queens, New York
EBI Project No. 1216000109

Dear Ms Cordero:

In accordance with the Proposal and Standard Conditions for Engagement approved by yourself on February 23, 2015, EBI Consulting (dba EBI Consulting, hereinafter "EBI") is pleased to submit this Phase II Environmental Site Assessment (ESA) Report (Report) for the above-referenced property (herein referred to as the Subject Property).

This *Report* is addressed to Sterling National Bank and such other persons as may be designated by Sterling National Bank and respective successors and assigns. This Report is for the use and benefit of, and may be relied upon by, Sterling National Bank or any affiliates; initial and subsequent holders from time to time of any debt and/or debt securities secured, directly or indirectly, any participation interest in such debt; any indenture trustee, servicer, or other agent acting on behalf of such holders of such debt and/or debt securities; rating agencies; and the institutional provider(s) from time to time of any liquidity facility or credit support for such financings, and their respective successors and assigns.

The information contained in this report has received appropriate technical review and approval. The conclusions represent professional judgments and are founded upon the findings of the investigations identified in the report and the interpretation of such data based on our experience and expertise according to the existing standard of care. No other warranty or limitation exists, either express or implied.

The conclusions of this Report are based on soil, groundwater and soil vapor analytical data prepared by SGS Accutest Laboratories, Inc. of Dayton, New Jersey (Accutest), soil screening results obtained utilizing a field screening instrument, and field observations recorded by EBI personnel.

There are no intended or unintended third party beneficiaries to this Report, except as expressly stated herein.

EBI is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the Report or on the closing of any business transaction.

Thank you for the opportunity to prepare this Report, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

Respectfully submitted,
EBI CONSULTING

Bryan Shaw
Author/Project Scientist

Brian Kilcoyne
Reviewer/Senior Scientist
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1.0 INTRODUCTION

In accordance with our Proposal and Standard Conditions for Engagement, EBI Consulting (EBI) is pleased to submit our *Phase II Environmental Site Assessment (ESA) Report (Report)* on the property located at 18-46 Decatur Street Queens, New York (the Subject Property). Bryan Shaw of EBI Consulting conducted the Phase II ESA at the Subject Property on May 23, 2016.

Background

EBI was requested to conduct a Phase II ESA to evaluate the potential impact to the Subject Property from the former dry cleaning tenants based on the following recognized environmental concerns identified in EBI's (May 10, 2016) Phase I ESA report:

- Review of historical city directories indicates that "Full Dress Formals" occupied the Subject Property between at least 1991 until 2015. The Subject Property is identified in the Regulatory Database as a RCRA-CESGQ, NY Cleaners, and other related database listings that indicate the former operation of onsite dry-cleaning. Based upon the former presence of a dry cleaner facility at the Subject Property for approximately 24 years, the potential exists for dry cleaning solvents to have impacted subsurface conditions at the Subject Property. This is considered a *recognized environmental condition (REC)*.

2.0 PURPOSE AND SCOPE OF WORK

This Phase II ESA was conducted utilizing a standard of good commercial and customary practice that was consistent with the ASTM Practice E 1903-97. Any significant scope-of-work additions, deletions or deviations to ASTM Practice E 1903-97 are noted below or in the corresponding sections of this report.

The primary purpose of this investigation was to evaluate the potential impact to the Subject Property from the former dry cleaning tenants. The investigation focused on the ground floor of the Subject Property building.

In order to achieve the objectives of this investigation, EBI performed the following tasks:

- Core Down Drilling of Brewster, New York contacted the local utility locating service Dig Safely New York (Ticket #161372097) prior to undertaking subsurface explorations on-site.

- Advanced five borings (SB-1 through SB-5) by hand-held equipment to depths ranging from 4.5-feet to 8.5-feet below ground surface (bgs).

- Collected continuous soil samples every two feet from the five borings and continuous soil samples, field screened the vapor headspace of the soil samples for total ionizable volatile organic compounds (VOCs) using a photoionization detector (PID), and described the physical characteristics of the soil samples on boring logs. See Section 4.3 for additional details.

- Selected two soil samples per boring, prepared, and submitted the samples under chain-of-custody documentation to a New York state-certified independent laboratory for analysis of VOCs by EPA Method 8260. See Section 4.4 for additional details.

- Collected sub-slab soil vapor samples from borings SB-1 through SB-5 (designated SB-1 through SB-5) from the floor beneath the former dry cleaner tenant, prepared and submitted the samples to a New York state-certified laboratory for analysis of VOCs – chlorinated solvents only via EPA Method TO-15.

- Prepared this summary of pertinent information obtained during this investigation including accompanying illustrations and appendices, along with EBI's findings and preliminary conclusions regarding the presence or absence of contamination in soils and soil vapor beneath the Subject Property in the areas investigated.

A detailed description of investigation methods is provided in Section 4.0 of this report.

3.0 SUBJECT PROPERTY DESCRIPTION/PHYSICAL SETTING

3.1 SUBJECT PROPERTY DESCRIPTION

The Subject Property is known as 18-46 Decatur Street Queens, New York. The Subject Property is located approximately 100 feet south of the intersection of Decatur Street and Forest Avenue. The Subject Property is currently improved with a two-story, warehouse building with offices on the second floor, with a net rentable area of approximately 90,020± square feet. There is no basement present beneath the existing structure. The existing improvements were reportedly constructed in 1953.

According to New York City Department of Finance Office and Rabbi Aron Blum, Subject Property Purchaser, the Subject Property is currently owned by Thomtux Realty LLC

At the time of assessment, the Subject Property warehouse was utilized as storage for an adjacent facility, Forest Phoenix Builders Supply. There are currently no manufacturing or industrial operations conducted at the Subject Property.

Figure 1 is a Subject Property Locus Map showing the location of the Subject Property on a street map of Queens, New York. Figure 2 is a Subject Property Location map showing the location of the Subject Property on a section of the United States Geological Survey Brooklyn, NY topographic quadrangle.

3.2 PHYSICAL SETTING

Near-surface geology in heavily developed areas such as the Subject Property and vicinity is considered "urban land" and is characterized by a non-homogeneous distribution of soil and fill types. Excavation and backfilling for building foundations, utility conduits, subway systems and other construction results in a varied subsurface profile. In this setting, estimation of local subsurface parameters such as permeability, moisture content, and organic fraction is not feasible without site-specific testing data.

Surface drainage on the Subject Property occurs over land to the surrounding streets primarily to the west. No prior soil studies or borings were presented to EBI for review. No indication of cross-lot runoff, swales, drainage flows, or active rills or gullies were observed on the Subject Property.

Soil stratigraphy encountered during the completion of soil borings consisted of 0.5 feet of concrete underlain by approximately 0.5"-24" of light brown to dark brown medium sands and fill material followed by light brown to dark brown fine to medium sand in the soil borings installed at the Subject Property.

Hydrogeology

Shallow groundwater was not encountered in any of soil borings advanced at the Subject Property. Based on review of information available through the USGS, depth to groundwater in the vicinity of the property is anticipated to be approximately 60 feet.

Local groundwater gradient is expected to follow surface topography; therefore, groundwater flow near the Subject Property is expected to flow to the west. Groundwater depths and flow gradients are best

evaluated by a subsurface investigation involving the installation of at least three groundwater-monitoring wells, survey of well elevations, and precise measurements of hydraulic head. Calculation of groundwater flow directions based on relative differences of hydraulic head on the Subject Property was not included in this scope of work.

4.0 FIELD ACTIVITIES

4.1 RATIONALE FOR SOIL BORING PLACEMENT

On May 23, 2016 EBI conducted a Phase II ESA to assess subsurface conditions at the property. The areas investigated and the associated boring numbers are described below:

- Boring SB-1 was installed in on the ground floor in the southeastern portion of the Subject Property building, located approximately 20 feet from the eastern wall and 10 feet from the southern wall.
- Boring SB-2 was installed in on the ground floor in the northeastern portion of the Subject Property building, located approximately 20 feet from the eastern wall and 10 feet from the northern wall.
- Boring SB-3 was installed in on the ground floor in the central portion of the subject property building.
- Boring SB-4 was installed in on the ground floor in the central portion of the Subject Property building, located approximately 10 feet from the northern wall.
- Boring SB-5 was installed in on the ground floor in the central portion of the Subject Property building, located approximately 10 feet from the southern wall.

The boring location map is provided in Appendix A.

4.2 PRE-DRILLING ACTIVITIES

Core Down Drilling requested Dig Safely New York to mark-out the location of Subject Property utilities on May 16, 2016. Clearance for drilling at the Subject Property was granted for after 7:00 a.m. on May 20, 2016. No additional pre-drilling activities were performed as part of this investigation.

4.3 ADVANCEMENT OF SOIL BORINGS

A total of five borings were advanced at the Subject Property. All of the soil borings were advanced using a hand-held equipment operated by Core Down Drilling of Brewster, New York. Two-foot soil samples were collected continuously during the advancement of the borings. EBI recorded soil sampling information and the physical characteristics of each soil sample onto boring logs presented in Appendix B.

TABLE 4.3
SUMMARY OF SOIL BORING DETAILS

Soil Boring #	Sample ID	Analytical Analysis	Depth of Boring	Depth To GW
SB-1	S- SB-1 (#6"-12"), S- SB-1 (#8'-8.5')	VOC	8.5' (Equipment)	Not Encountered
SB-2	S- SB-2 (#5.5-6), S- SB-2 (#7.5-8)	VOC	8' (Equipment)	Not Encountered
SB-3	S- SB-3 (#3.5-4), S- SB-3 (#7.5-8)	VOC	8' (Equipment)	Not Encountered
SB-4	S- SB-4 (#3.5-4), S- SB-4 (#6.5-7)	VOC	7' (Equipment)	Not Encountered
SB-5	S- SB-5 (#12"-18"), S- SB-5 (#4-4.5)	VOC	4.5' (Equipment)	Not Encountered
Notes: VOCs -Volatile organic compounds (VOCs) via EPA Method 8260 S – Soil Sample (#) – Depth below grade sample collected.				

4.4 FIELD SCREENING

The vapor headspace of each soil sample was field-screened using a photoionization detector (PID). The PID provides a reading of total ionizable VOCs. The PID was calibrated with an isobutylene standard, to measure total VOCs as isobutylene equivalents. The PID has a practical sensitivity of approximately one part per million by volume (ppmV). PID readings should not be considered as exact measurements, but as relative readings of VOCs between locations. The soil samples were placed in a ziplock bag approximately three-quarters full with the soil to be analyzed, which was sealed for approximately 10 minutes in a warm (>60˚ F) location for equilibration. The headspace analysis was conducted by inserting the probe of the PID through an opening in the zip-lock bag and into the space above the soil sample.

Note the visual or olfactory evidence observed. PID readings ranged from 3.1 to 4.9 parts per million (ppm). The PID results are noted in the Boring Logs provided in Appendix B.

4.5 SOIL SAMPLING AND ANALYSIS

Selected soil samples were collected in laboratory-provided sample containers. Each sample was labeled/logged onto a chain-of-custody form, and placed in a cooler with ice for preservation in accordance with current Federal EPA SW-846 (3rd ed.). The samples were submitted to an independent qualified laboratory SGS Accutest for analyses. The samples were analyzed for VOCs by EPA Method 8260.

In order to ensure that no cross-contamination between samples occurred, all non-dedicated sampling equipment was decontaminated after the collection of each sample. Sampling equipment was scrubbed with a brush to remove loose material and then washed thoroughly with a laboratory grade detergent and water to remove all particulate matter and surface film. After washing, each piece and brush was rinsed with clean distilled water. Dedicated sampling equipment such as acetate liners and latex gloves were properly disposed of after the handling of each sample was complete. Samples were then collected using clean disposable gloves and laboratory-provided glassware appropriate for the specified analysis.

4.6 SOIL VAPOR SAMPLING AND ANALYSIS

Prior to the advancement of Borings SB-1 through SB-5, soil vapor sampling points were installed in the ground floor slab using a hand-held hammer drill to a depth of 0.5 feet below the surface of the floor slab. The soil vapor point installed prior to the advancement of soil borings SB-1 through SB-5 was designated SB-1 through SB-5.

Grab soil vapor samples were collected from the soil vapor points in laboratory certified clean, laboratory-evacuated 1—liter Summa canister with a 100ml/min flow regulator. The samples were labeled/logged onto a chain-of-custody form. After collection, the samples were submitted to an independent qualified laboratory, SGS Accutest, for analysis. The samples were analyzed for chlorinated VOCs by EPA Method TO-15.

4.7 ABANDONMENT OF BORINGS

Upon completion of the soil sampling activities, each soil boring was filled with the soil cuttings generated during the sampling activities. The remaining void in each borehole was filled with bentonite chips. The top two to four inches were backfilled with concrete and compacted.

5.0 RESULTS

Boring locations are illustrated on Figure 3, Boring Location Map.

5.1 SOIL ANALYSIS RESULTS

The soil samples were analyzed for VOCs via EPA Method 8260. Results of the soil analyses are summarized in a summary table included in Appendix C. As indicated in the table, the analytical results identified concentrations of tetrachloroethene (PCE) detected above laboratory detection limits in seven of the ten of the soil samples collected from the five borings. The detected PCE concentrations (up to 74.8 ug/L) were below the New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives (SCOs) for the most stringent NYSDEC SCO for Unrestricted Use (1,400 ug/L).

Laboratory soil analytical results and complete laboratory data sheets and chain-of-custody documentation are presented in Appendix C.

5.2 SOIL VAPOR ANALYSIS RESULTS

The soil vapor samples were analyzed for chlorinated VOCs via EPA Method TO-15. The following table presents only the contaminants identified above the laboratory method detection limits:

Table 5.2 – Soil Vapor Analytical Results

	SAMPLE IDENTIFICATION (ug/m3)					
Sample ID #	**SB-1**	**SB-2**	**SB-3**	**SB-4**	**SB-5**	**EPA VISL (Commercial)**
VOLATILE ORGANIC COMPOUNDS (VOCs)						
TETRACHLOROETHENE (PCE)	**2,790**	**7,390**	**138,000**	**401,000**	**211,000**	1,600
TRICHLOROETHENE (TCE)	7	34	**247**	**597**	**219**	100

Notes: All results are shown in micrograms-per-cubic meter (ug/m3)
Bold font indicates exceedance of the applicable standards
ND-Not Detected
* USEPA - Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils

For comparison purposes the concentrations of VOCs detected were compared to the US EPA Vapor Intrusion Screening Levels (VISL) for Commercial Settings per the EPA OSWER VISL Calculator Version 3.4, November 2015 and EPA OSWER Publication 9200.2-154, Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air (November 2015).

The analytical results revealed that several VOCs were detected above laboratory detection limits. Significant findings included the following:

- Tetrachloroethylene (PCE) the primary chemical of concern associated with dry cleaning activities was detected at concentrations ranging from 2,790 to 401,000 ug/m3, significantly above the USEPA commercial screening level of 1,600 ug/m3 in the borings designated SB-1 through SB-5.

- Trichloroethylene (TCE), which is a breakdown compound of PCE, was detected at concentrations ranging from 219 to 597 ug/m3, significantly above the USEPA commercial screening level of 100 ug/m3 in the soil borings designated SB-3, SB-4 and SB-5. TCE was detected at 7 to 34 ug/m3, below the USEPA commercial screening level of 100 ug/m3 in the soil borings designated SB-1 and SB-2 (respectively).

EBI notes that soil vapor sample results are a tool used as a screening method to determine if impact to areas not identified by the soil sampling may have occurred. The results of the screening are used to help determine whether additional investigation may be warranted at the site.

Laboratory analytical results and complete laboratory data sheets and chain-of-custody documentation are presented in Appendix D.

6.0 FINDINGS & CONCLUSIONS

The results of EBI's Phase II ESA revealed the following:

- Soil stratigraphy encountered during the completion of soil borings consisted of 0.5 feet of concrete underlain by approximately 12"-18" of light brown to dark brown medium sands and fill material followed by light brown to dark brown fine to medium sand in the soil borings installed at the Subject Property.

- Groundwater was not encountered during this investigation. Depth to groundwater at the property is anticipated to be greater than approximately 60 feet.

- The analytical results for the soil samples revealed concentrations of tetrachloroethene (PCE) detected above laboratory detection limits in seven of the ten of the soil samples collected from the five borings. The detected PCE concentrations were below the New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives (SCOs) for the most stringent NYSDEC SCO for Unrestricted Use.

- Elevated concentrations of Tetrachloroethylene (PCE), the primary chemical of concern associated with dry cleaning activities, were detected at concentrations ranging from 2,790 to 401,000 ug/m^3, significantly above the USEPA commercial screening level of 1,600 ug/m^3 in the borings designated SB-1 through SB-5. Trichloroethylene (TCE), which is a breakdown compound of PCE, was detected at concentrations ranging from 219 to 597 ug/m^3, significantly above the USEPA commercial screening level of 100 ug/m^3 in the soil borings designated SB-3, SB-4 and SB-5.

7.0 RECOMMENDATIONS

Based on the findings and conclusions of this Phase II ESA, EBI recommends the following:

- Based on the presence of elevated concentrations of PCE identified in soil vapor, additional investigation is recommended in order to further delineate the extent of impacts and evaluate whether significantly impacted soils that could serve as a continuing source are present. The PCE concentrations in soil vapor indicate that a vapor intrusion concern exists at the property, and at a minimum, vapor mitigation in the form of an impermeable barrier and/or sub-slab venting should be designed and installed to mitigate potential vapor intrusion impacts to the building.

8.0 LIMITATIONS

This *Report* was prepared for the use of Sterling National Bank. It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by EBI are based solely on the information obtained during the subsurface investigation. EBI renders no opinion as to the presence of potential contamination in the areas not investigated. The observations in this *Report* are valid on the date of the investigation. Any additional information that becomes available concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified, if necessary. This *Report* has been prepared in accordance with the proposal approved by Sterling National Bank and with the limitations described in *Attachment A*, all of which are integral parts of this *Report*. No other warranty, expressed or implied, is made.

ATTACHMENT A
LIMITATIONS

1. The observations described in this *Report* were made under the conditions stated herein. The conclusions presented are based solely upon the services described, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this *Report* was carried out in accordance with terms and conditions in our *Authorization Letter* and *Agreement for Environmental Services* regarding the Site, which are incorporated herein by references.

2. In preparing this *Report*, EBI has relied on certain information provided by state and other referenced parties, and on information contained in the files of federal, state and/or local agencies available to EBI at the time of the assessment. Although there may have been some degree of overlap in the information provided by these various sources, EBI did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of these *Environmental Services*.

3. Observations were made of the Site and of structures on the Site as indicated within the *Report*. Where access to portions of the Site or to structures on the Site was unavailable or limited, EBI renders no opinion as to the presence of oil or hazardous materials (OHM) in that portion of the Site or structure. In addition, EBI renders no opinion as to the presence of OHM or the presence of indirect evidence relating to OHM where direct observation of the interior walls, floor, or ceiling of a structure on a Site was obstructed by objects or coverings on or over these surfaces. No representations concerning insulating material is expressed or implied.

4. EBI did not perform testing or analyses to determine the presence or concentration of asbestos, radon, or lead at the Site unless specifically stated otherwise in the *Report*. Similarly, no investigation of dust or air quality was conducted unless specifically stated otherwise in the *Report*.

5. The purpose of this *Report* is to assess the physical characteristics of the Site with respect to the presence of OHM in the environment. No specific attempt was made to determine the compliance of present or past owners or operators of the Site with federal, state, or local laws or regulations (environmental or otherwise).

6. Except as noted in the *Report*, no quantitative laboratory testing was performed as part of the assessment. Where such analyses have been conducted by an outside laboratory, EBI has relied upon the data provided, and has not conducted an independent evaluation of the reliability of this data.

7. Any qualitative or quantitative information regarding the Site, which was not available to EBI at the time of this assessment may result in a modification of the representations made herein.

8. It is acknowledged that EBI judgments shall not be based on scientific or technical test or procedures beyond the scope of the Services or beyond the time and budgetary constraints imposed by Client. It is acknowledged further that EBI conclusions shall not rest on pure science but on such considerations as economic feasibility and available alternatives. Client also acknowledges that, because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement with respect to such Services, are not guaranteed to be a representation of actual conditions on the Site, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, EBI shall use that degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality. The standard of care shall be determined solely at the time the Services are rendered and not according to standards utilized at a later date. The Services shall be rendered without any other warranty, expressed or implied, including, without limitation, the warranty of merchant ability and the warranty of fitness for a particular purpose.

9. Client and EBI agree that to the fullest extent permitted by law, EBI shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by EBI's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause of causes whatsoever.

APPENDIX A
FIGURES

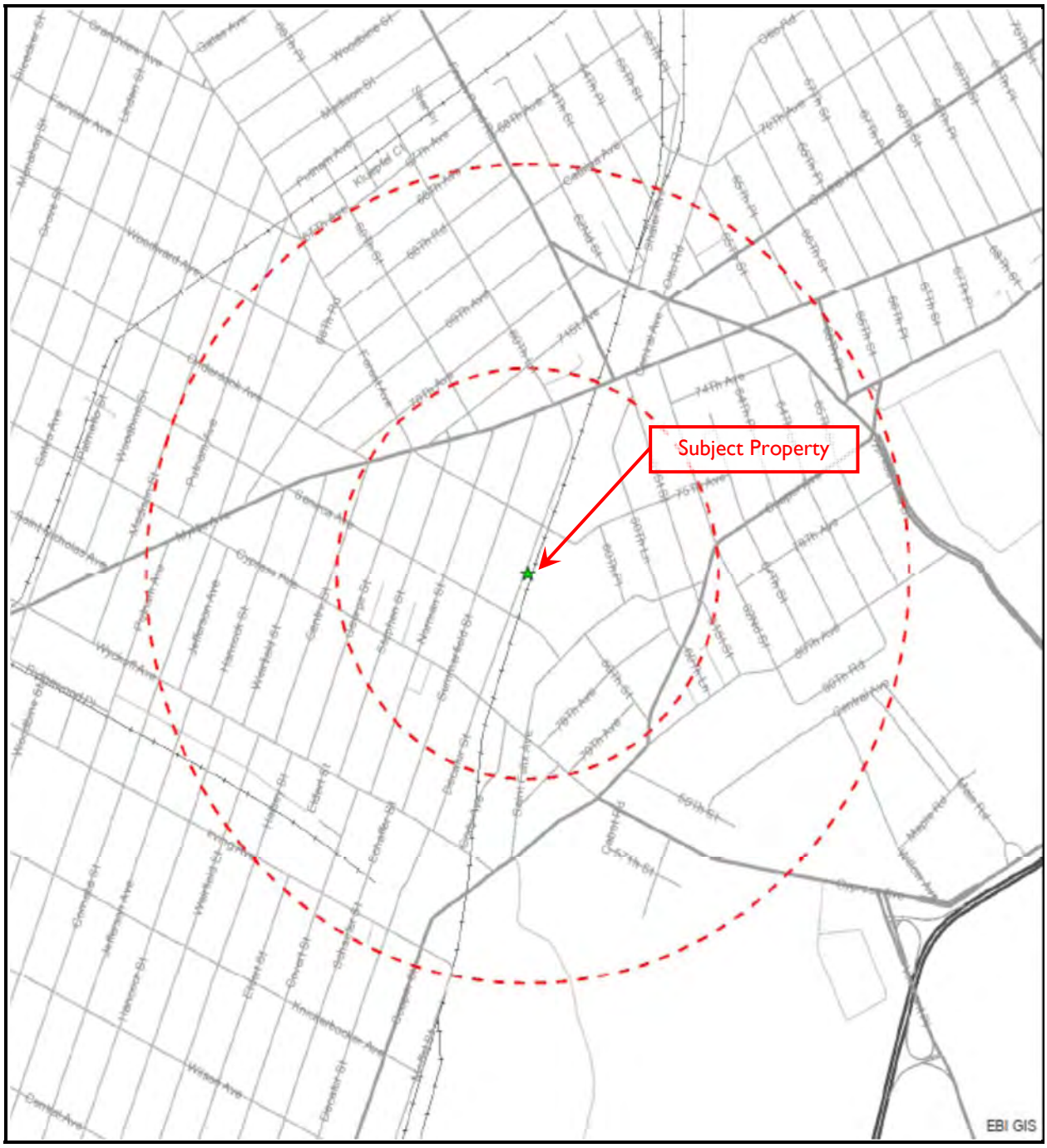

Figure 1
Site Location Map

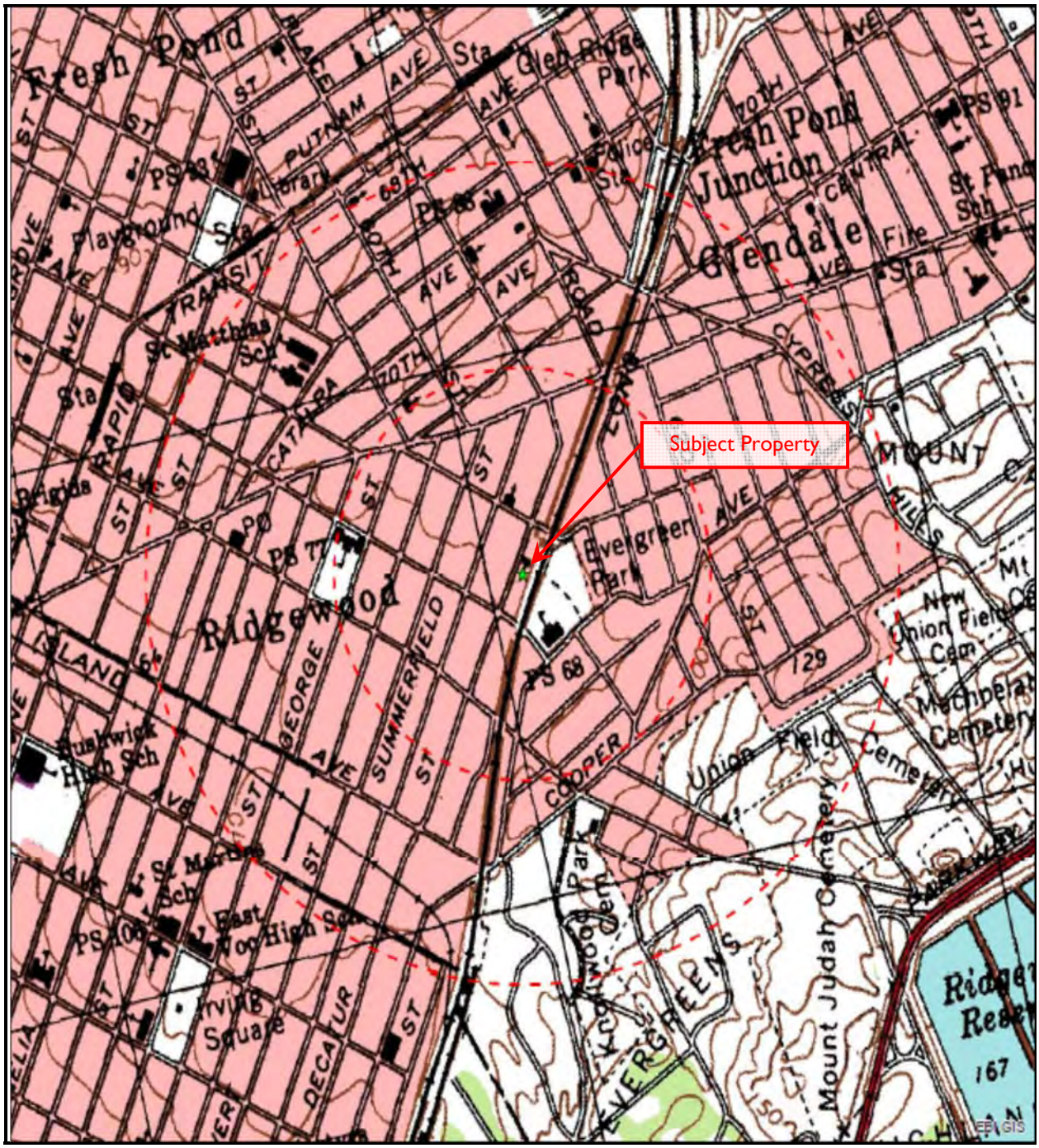

Figure 2
Topographic Map

Figure 3
Boring Location Map

APPENDIX B
SOIL BORING LOGS

SOIL BORING LOG - FIELD READINGS

EBI Project #1216000109

Project Name:

BORING METHOD: Hand Tools DATE: May 23, 2016

Sample #	Depth (Ft)	Moisture (Saturated – Moist - Dry)	PID Reading(s)	Soil Description/Notes
SB-1	0-2	D	3.9	Concrete slab (0.5"), light brown to dark brown medium sands and fill material
SB-1	2-4	D	3.1	Light brown to dark brown medium sands
SB-1	4-6	D	3.1	Light brown to dark brown medium sands
SB-1	6-8	D	3.4	Light brown to dark brown medium sands
SB-1	8-8.5	D	3.5	Light brown to dark brown medium sands
Bottom of Boring at 8.5' (Equipment Refusal), groundwater not encountered				
SB-2	0-2	D	2.2	Concrete slab (0.5"), light brown to dark brown medium sands and fill material
SB-2	2-4	D	2.7	Light brown to dark brown medium sands
SB-2	4-6	D	3.8	Light brown to dark brown medium sands
SB-2	6-8	D	4.3	Light brown to dark brown medium sands
Bottom of Boring at 8.0' (Equipment Refusal), groundwater not encountered				
SB-3	0-2	D	2.8	Concrete slab (0.5"), light brown to dark brown medium sands and fill material
SB-3	2-4	D	4.2	Light brown to dark brown medium sands
SB-3	4-6	D	3.3	Light brown to dark brown medium sands
SB-3	6-8	D	3.5	Light brown to dark brown medium sands
Bottom of Boring at 8.0' (Equipment Refusal), groundwater not encountered				
SB-4	0-2	D	1.9	Concrete slab (0.5"), light brown to dark brown medium sands and fill material
SB-4	2-4	D	4.3	Light brown to dark brown medium sands
SB-4	4-6	D	3.7	Light brown to dark brown medium sands
SB-4	6-7	D	3.5	Light brown to dark brown medium sands
Bottom of Boring at 7.0' (Equipment Refusal), groundwater not encountered				
SB-5	0-2	D	3.9	Concrete slab (0.5"), light brown to dark brown medium sands and fill material
SB-5	2-4	D	3.3	Light brown to dark brown medium sands
SB-5	4-4.5	D	3.5	Light brown to dark brown medium sands
Bottom of Boring at 4.5' (Equipment Refusal), groundwater not encountered				

APPENDIX C
LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Project:	18-46 Decatur Street, Queens, NY											
Project Number:	1216000109											
Client Sample ID:		NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	SB-1 (6"-12")	SB-1 (8'-8.5')	SB-2 (5.5-6)	SB-2 (7.5-8)	SB-3 (7.5-8)	SB-3 (3.5-4)	SB-4 (3.5-4)	SB-4 (6.5-7)	SB-5 (12"-18")	SB-5 (4-4.5)
Lab Sample ID:			JC20906-1	JC20906-2	JC20906-3	JC20906-4	JC20906-5	JC20906-6	JC20906-7	JC20906-8	JC20906-9	JC20906-10
Date Sampled:			5/23/2016	5/23/2016	5/23/2016	5/23/2016	5/23/2016	5/23/2016	5/23/2016	5/23/2016	5/23/2016	5/23/2016
Matrix:			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
GC/MS Volatiles (SW846 8260C)												
Tetrachloroethene	ug/kg	1300	ND (0.30)	4.4	ND (0.28)	ND (0.31)	4.6	0.87 J	3.8	3.3	74.8	4.8

Sample Summary

EBI Consulting

Job No: JC20903

1216000109, 18-46 Decantur Street, Queens, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC20903-1	05/23/16	07:40	BS	05/24/16	AIR	Soil Vapor Comp.	SB-1
JC20903-2	05/23/16	07:45	BS	05/24/16	AIR	Soil Vapor Comp.	SB-2
JC20903-3	05/23/16	08:10	BS	05/24/16	AIR	Soil Vapor Comp.	SB-3
JC20903-4	05/23/16	08:25	BS	05/24/16	AIR	Soil Vapor Comp.	SB-4
JC20903-5	05/23/16	11:55	BS	05/24/16	AIR	Soil Vapor Comp.	SB-5

Report of Analysis

Client Sample ID: SB-1
Lab Sample ID: JC20903-1
Matrix: AIR - Soil Vapor Comp. Summa ID: A561
Method: TO-15
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W55437.D	1	05/27/16	YMH	n/a	n/a	VW2211
Run #2	W55466.D	1	05/31/16	YMH	n/a	n/a	VW2212

	Initial Volume
Run #1	100 ml
Run #2	20.0 ml

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.12	ppbv		ND	5.0	0.75	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.084	ppbv		ND	3.2	0.33	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.086	ppbv		ND	6.1	0.66	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.094	ppbv		ND	4.4	0.51	ug/m3
127-18-4	165.8	Tetrachloroethylene	412 [a]	0.80	0.46	ppbv		2790 [a]	5.4	3.1	ug/m3
79-01-6	131.4	Trichloroethylene	1.3	0.16	0.074	ppbv		7.0	0.86	0.40	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.082	ppbv		ND	2.0	0.21	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%	92%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2
Lab Sample ID: JC20903-2
Matrix: AIR - Soil Vapor Comp. Summa ID: A554
Method: TO-15
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W55438.D	1	05/27/16	YMH	n/a	n/a	VW2211
Run #2	W55467.D	1	05/31/16	YMH	n/a	n/a	VW2212

	Initial Volume
Run #1	100 ml
Run #2	10.0 ml

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.12	ppbv		ND	5.0	0.75	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.084	ppbv		ND	3.2	0.33	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.086	ppbv		ND	6.1	0.66	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.094	ppbv		ND	4.4	0.51	ug/m3
127-18-4	165.8	Tetrachloroethylene	1090 [a]	1.6	0.92	ppbv		7390 [a]	11	6.2	ug/m3
79-01-6	131.4	Trichloroethylene	6.3	0.16	0.074	ppbv		34	0.86	0.40	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.082	ppbv		ND	2.0	0.21	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%	93%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3
Lab Sample ID: JC20903-3 **Date Sampled:** 05/23/16
Matrix: AIR - Soil Vapor Comp. Summa ID: A1143,A386 **Date Received:** 05/24/16
Method: TO-15 **Percent Solids:** n/a
Project: 1216000109, 18-46 Decantur Street, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W55440.D	128	05/27/16	YMH	n/a	n/a	VW2211
Run #2	W55468.D	128	05/31/16	YMH	n/a	n/a	VW2212

	Initial Volume
Run #1	400 ml
Run #2	50.0 ml

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	26	4.0	ppbv		ND	160	25	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	26	2.7	ppbv		ND	100	11	ug/m3
76-13-1	187.4	Freon 113	ND	26	2.7	ppbv		ND	200	21	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	26	3.0	ppbv		ND	140	16	ug/m3
127-18-4	165.8	Tetrachloroethylene	20300 [a]	41	23	ppbv		138000 [a]	280	160	ug/m3
79-01-6	131.4	Trichloroethylene	46.0	5.1	2.4	ppbv		247	27	13	ug/m3
75-01-4	62.5	Vinyl chloride	ND	26	2.6	ppbv		ND	66	6.6	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%	91%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4		
Lab Sample ID:	JC20903-4	**Date Sampled:**	05/23/16
Matrix:	AIR - Soil Vapor Comp. Summa ID: A440,A783	**Date Received:**	05/24/16
Method:	TO-15	**Percent Solids:**	n/a
Project:	1216000109, 18-46 Decantur Street, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W55441.D	113	05/27/16	YMH	n/a	n/a	VW2211
Run #2	3W54270.D	113	06/01/16	YMH	n/a	n/a	V3W2047

	Initial Volume
Run #1	100 ml
Run #2	20.0 ml

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	90	14	ppbv		ND	570	88	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	90	9.5	ppbv		ND	360	38	ug/m3
76-13-1	187.4	Freon 113	ND	90	9.7	ppbv		ND	690	74	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	90	11	ppbv		ND	490	60	ug/m3
127-18-4	165.8	Tetrachloroethylene	59200 [a]	90	52	ppbv		401000 [a]	610	350	ug/m3
79-01-6	131.4	Trichloroethylene	111	18	8.4	ppbv		597	97	45	ug/m3
75-01-4	62.5	Vinyl chloride	ND	90	9.3	ppbv		ND	230	24	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%	89%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	JC20903-5	**Date Sampled:**	05/23/16
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1237,M181	**Date Received:**	05/24/16
Method:	TO-15	**Percent Solids:**	n/a
Project:	1216000109, 18-46 Decantur Street, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W55442.D	128	05/27/16	YMH	n/a	n/a	VW2211
Run #2	W55470.D	128	05/31/16	YMH	n/a	n/a	VW2212

	Initial Volume
Run #1	200 ml
Run #2	40.0 ml

VOA Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
56-23-5	153.8	Carbon tetrachloride	ND	51	8.0	ppbv		ND	320	50	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	51	5.4	ppbv		ND	200	21	ug/m3
76-13-1	187.4	Freon 113	ND	51	5.5	ppbv		ND	390	42	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	51	6.0	ppbv		ND	280	33	ug/m3
127-18-4	165.8	Tetrachloroethylene	31100 [a]	51	29	ppbv		211000 [a]	350	200	ug/m3
79-01-6	131.4	Trichloroethylene	40.7	10	4.8	ppbv		219	54	26	ug/m3
75-01-4	62.5	Vinyl chloride	ND	51	5.3	ppbv		ND	130	14	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%	91%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

AIR

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SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX. 732-329-3499/3480
www.accutest.com

VP-5/18/2016-40 PAGE 1 OF 1

Job #: JC20903

Client / Reporting Information

Company Name: EBI Consulting
Address: 21 B Street
City: Burlington State: MA Zip: 01805
Project Contact: Bryan Shaw
Email: bshaw@ebiconsulting.com
Phone: (845) 893 1445
Sampler(s) Name(s): Bryan Shaw

Project Information

Project Name: 1216000104
Street: 18-46 Decatur St.
City: Queens State: NY
Project #: 1216000104
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit): Start: Maximum: Stop: Minimum:
Atmospheric Pressure (inches of Hg): Start: Maximum: Stop: Minimum:
Other weather comments:

Lab Sample #	Field ID / Point of Collection	Air Type	Canister Serial #	Flow Controller Serial #	Start Date	Start Time (24hr clock)	Start Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init	Stop Date	Stop Time (24hr clock)	Stop Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init	Requested Analysis TO15
1	SB-1	SV	A561	FC191	5/23/16	0730	28	55°	BS	5/23/16	0740	5	55°	BS	X
2	SB-2	↓	A554	FC102	↓	0735	30	↓	↓	↓	0745	4	↓	↓	↓
3	SB-3	↓	A1143	FC467	↓	0800	30	↓	↓	↓	0810	5	↓	↓	↓
4	SB-4	↓	A440	FC455	↓	0815	28	↓	↓	↓	0825	4	↓	↓	↓
5	SB-5	↓	A1237	FC238	↓	1145	28	↓	↓	↓	1155	5	↓	↓	↓

INITIAL ASSESSMENT: [illegible]

LABEL VERIFICATION: [illegible]

Turnaround Time (Business days)

Standard - 15 Days / 10 Day / 5 Day / 3 Day / 2 Day / 1 Day / Other

Approved By:
Date:

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1
Comm A / Comm B / Reduced T2 / Full T1 / Other / CKGP reporting

Comments / Remarks

Summa

Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by	Date Time	Received By	Relinquished By	Date Time	Received By
1 Ray Marran	5/19/16 17:30	1 [signature]	2 [signature]	5/20/16 11:00	2 Robert Chambers
3 [signature]	5/24/16 1030	3 Robert Chambers	4 Robert Chambers	5-24-16 1804	4 [signature]
5		5	Custody Seal #: Summa		

JC20903: Chain of Custody
Page 1 of 4

SGS Accutest Sample Receipt Summary

Job Number: JC20903 **Client:** **Project:**

Date / Time Received: 5/24/2016 6:04:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☐		☐
2. Cooler temp verification:	N/A		
3. Cooler media:	N/A		
4. No. Coolers:	N/A		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Job Change Order: JC20903

Requested Date:	6/2/2016	**Received Date:**	5/24/2016
Account Name:	EBI Consulting	**Due Date:**	6/1/2016
Project Description:	1216000109, 18-46 Decantur Street, Queens, NY	**Deliverable:**	COMMB
CSR:	vickyp	**TAT (Days):**	7

==========

Sample #: JC20903-All

Dept:

TAT: 7

Change:
Please revise analysis to VTO15SL, make DD 6/2

==========

Above Changes Per: Bryan Shaw **Date/Time:** 6/2/2016 9:17:41 AM

To Client: This Change Order is confirmation of the revisions, previously discussed with the SGS Accutest Client Service Representative.

Job Change Order: JC20903

Requested Date:	6/2/2016	**Received Date:**	5/24/2016
Account Name:	EBI Consulting	**Due Date:**	6/1/2016
Project Description:	1216000109, 18-46 Decantur Street, Queens, NY	**Deliverable:**	COMMB
CSR:	vickyp	**TAT (Days):**	7

==========

Sample #: JC20903-All

Dept:

TAT: 7

Change:
Please revise analysis to VTO15SL, make DD 6/2

==========

Above Changes Per: Bryan Shaw **Date/Time:** 6/2/2016 9:17:41 AM

To Client: This Change Order is confirmation of the revisions, previously discussed with the SGS Accutest Client Service Representative.

e-Hardcopy 2.0
Automated Report

Technical Report for

EBI Consulting

1216000109, 18-46 Decantur Street, Queens, NY

SGS Accutest Job Number: JC20906

Sampling Date: 05/23/16

Report to:

EBI Consulting

bshaw@ebiconsulting.com

ATTN: Bryan Shaw

Total number of pages in report: **28**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

Table of Contents

Sample Summary

EBI Consulting

Job No: JC20906

1216000109, 18-46 Decantur Street, Queens, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC20906-1	05/23/16	09:15	BS	05/24/16	SO	Soil	SB-1 (6"-12")
JC20906-2	05/23/16	09:30	BS	05/24/16	SO	Soil	SB-1 (8'-8.5')
JC20906-3	05/23/16	11:15	BS	05/24/16	SO	Soil	SB-2 (5.5-6)
JC20906-4	05/23/16	11:20	BS	05/24/16	SO	Soil	SB-2 (7.5-8)
JC20906-5	05/23/16	11:30	BS	05/24/16	SO	Soil	SB-3 (7.5-8)
JC20906-6	05/23/16	11:45	BS	05/24/16	SO	Soil	SB-3 (3.5-4)
JC20906-7	05/23/16	12:15	BS	05/24/16	SO	Soil	SB-4 (3.5-4)
JC20906-8	05/23/16	12:00	BS	05/24/16	SO	Soil	SB-4 (6.5-7)
JC20906-9	05/23/16	12:45	BS	05/24/16	SO	Soil	SB-5 (12"-18")
JC20906-10	05/23/16	13:00	BS	05/24/16	SO	Soil	SB-5 (4-4.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC20906
Account: EBI Consulting
Project: 1216000109, 18-46 Decantur Street, Queens, NY
Collected: 05/23/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC20906-1	**SB-1 (6"-12")**					
No hits reported in this sample.						
JC20906-2	**SB-1 (8'-8.5')**					
Tetrachloroethene		4.4	2.3	0.32	ug/kg	SW846 8260C
JC20906-3	**SB-2 (5.5-6)**					
No hits reported in this sample.						
JC20906-4	**SB-2 (7.5-8)**					
No hits reported in this sample.						
JC20906-5	**SB-3 (7.5-8)**					
Tetrachloroethene		4.6	2.3	0.32	ug/kg	SW846 8260C
JC20906-6	**SB-3 (3.5-4)**					
Tetrachloroethene		0.87 J	2.2	0.31	ug/kg	SW846 8260C
JC20906-7	**SB-4 (3.5-4)**					
Tetrachloroethene		3.8	2.2	0.31	ug/kg	SW846 8260C
JC20906-8	**SB-4 (6.5-7)**					
Tetrachloroethene		3.3	1.8	0.25	ug/kg	SW846 8260C
JC20906-9	**SB-5 (12"-18")**					
Tetrachloroethene		74.8	2.2	0.31	ug/kg	SW846 8260C
JC20906-10	**SB-5 (4-4.5)**					
Tetrachloroethene		4.8	2.2	0.30	ug/kg	SW846 8260C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: SB-1 (6"-12")
Lab Sample ID: JC20906-1
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 90.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163550.D	1	05/25/16	PS	05/25/16 07:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.0	ug/kg	
71-43-2	Benzene	ND	0.53	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.16	ug/kg	
75-25-2	Bromoform	ND	5.3	0.28	ug/kg	
74-83-9	Bromomethane	ND	5.3	0.52	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	1.9	ug/kg	
75-15-0	Carbon disulfide	ND	2.1	0.18	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.17	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.46	ug/kg	
67-66-3	Chloroform	ND	2.1	0.25	ug/kg	
74-87-3	Chloromethane	ND	5.3	0.22	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.58	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.51	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.26	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.16	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.58	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.20	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.18	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.16	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.47	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.33	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.16	ug/kg	
76-13-1	Freon 113	ND	5.3	0.51	ug/kg	
591-78-6	2-Hexanone	ND	5.3	1.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1 (6"-12")
Lab Sample ID: JC20906-1
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 90.4

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	0.16	ug/kg	
79-20-9	Methyl Acetate	ND	5.3	2.2	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.54	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	0.90	ug/kg	
75-09-2	Methylene chloride	ND	5.3	0.36	ug/kg	
100-42-5	Styrene	ND	2.1	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.30	ug/kg	
108-88-3	Toluene	ND	1.1	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	0.24	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.20	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.67	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.21	ug/kg	
	m,p-Xylene	ND	1.1	0.23	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.21	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-122%
17060-07-0	1,2-Dichloroethane-D4	101%		68-124%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	110%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1 (8'-8.5')
Lab Sample ID: JC20906-2
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 85.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163551.D	1	05/25/16	PS	05/25/16 07:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.1	ug/kg	
71-43-2	Benzene	ND	0.57	0.14	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.36	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.17	ug/kg	
75-25-2	Bromoform	ND	5.7	0.30	ug/kg	
74-83-9	Bromomethane	ND	5.7	0.55	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.19	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.19	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.49	ug/kg	
67-66-3	Chloroform	ND	2.3	0.27	ug/kg	
74-87-3	Chloromethane	ND	5.7	0.24	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.62	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.55	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.27	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.62	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.21	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.19	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.17	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.50	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.25	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.17	ug/kg	
76-13-1	Freon 113	ND	5.7	0.55	ug/kg	
591-78-6	2-Hexanone	ND	5.7	1.6	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 (8'-8.5')		
Lab Sample ID:	JC20906-2	**Date Sampled:**	05/23/16
Matrix:	SO - Soil	**Date Received:**	05/24/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	85.0
Project:	1216000109, 18-46 Decantur Street, Queens, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.7	2.3	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	0.57	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.7	0.96	ug/kg	
75-09-2	Methylene chloride	ND	5.7	0.39	ug/kg	
100-42-5	Styrene	ND	2.3	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.27	ug/kg	
127-18-4	Tetrachloroethene	4.4	2.3	0.32	ug/kg	
108-88-3	Toluene	ND	1.1	0.14	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	0.26	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.71	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.23	ug/kg	
	m,p-Xylene	ND	1.1	0.25	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.23	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-122%
17060-07-0	1,2-Dichloroethane-D4	105%		68-124%
2037-26-5	Toluene-D8	100%		77-125%
460-00-4	4-Bromofluorobenzene	112%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2 (5.5-6)
Lab Sample ID: JC20906-3
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 89.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163552.D	1	05/25/16	PS	05/25/16 08:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	5.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	1.9	ug/kg	
71-43-2	Benzene	ND	0.50	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.32	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.15	ug/kg	
75-25-2	Bromoform	ND	5.0	0.27	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.49	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	1.8	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.16	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.43	ug/kg	
67-66-3	Chloroform	ND	2.0	0.24	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.21	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.55	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.49	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.14	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.15	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.55	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.15	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.20	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.22	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.15	ug/kg	
76-13-1	Freon 113	ND	5.0	0.49	ug/kg	
591-78-6	2-Hexanone	ND	5.0	1.4	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 (5.5-6)		
Lab Sample ID:	JC20906-3	**Date Sampled:**	05/23/16
Matrix:	SO - Soil	**Date Received:**	05/24/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	89.1
Project:	1216000109, 18-46 Decantur Street, Queens, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.51	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.27	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.85	ug/kg	
75-09-2	Methylene chloride	ND	5.0	0.34	ug/kg	
100-42-5	Styrene	ND	2.0	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.28	ug/kg	
108-88-3	Toluene	ND	1.0	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.23	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.32	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.19	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.63	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.20	ug/kg	
	m,p-Xylene	ND	1.0	0.22	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-122%
17060-07-0	1,2-Dichloroethane-D4	105%		68-124%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	108%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2 (7.5-8)
Lab Sample ID: JC20906-4
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 90.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163560.D	1	05/25/16	PS	05/25/16 08:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	5.1 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.0	ug/kg	
71-43-2	Benzene	ND	0.54	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.35	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.17	ug/kg	
75-25-2	Bromoform	ND	5.4	0.29	ug/kg	
74-83-9	Bromomethane	ND	5.4	0.53	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	1.9	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.18	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.47	ug/kg	
67-66-3	Chloroform	ND	2.2	0.26	ug/kg	
74-87-3	Chloromethane	ND	5.4	0.23	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.53	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.26	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.59	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.20	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.19	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.17	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.48	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.16	ug/kg	
76-13-1	Freon 113	ND	5.4	0.53	ug/kg	
591-78-6	2-Hexanone	ND	5.4	1.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2 (7.5-8)
Lab Sample ID: JC20906-4
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 90.1

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	2.2	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.55	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	0.92	ug/kg	
75-09-2	Methylene chloride	ND	5.4	0.37	ug/kg	
100-42-5	Styrene	ND	2.2	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.26	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.31	ug/kg	
108-88-3	Toluene	ND	1.1	0.14	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	0.25	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.68	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.22	ug/kg	
	m,p-Xylene	ND	1.1	0.24	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.22	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-122%
17060-07-0	1,2-Dichloroethane-D4	108%		68-124%
2037-26-5	Toluene-D8	102%		77-125%
460-00-4	4-Bromofluorobenzene	106%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3 (7.5-8)
Lab Sample ID: JC20906-5
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 78.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163561.D	1	05/25/16	PS	05/25/16 08:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	5.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.1	ug/kg	
71-43-2	Benzene	ND	0.57	0.14	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.36	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.17	ug/kg	
75-25-2	Bromoform	ND	5.7	0.30	ug/kg	
74-83-9	Bromomethane	ND	5.7	0.55	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.19	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.19	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.49	ug/kg	
67-66-3	Chloroform	ND	2.3	0.27	ug/kg	
74-87-3	Chloromethane	ND	5.7	0.24	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.62	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.55	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.28	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.62	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.21	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.19	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.17	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.50	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.25	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.17	ug/kg	
76-13-1	Freon 113	ND	5.7	0.55	ug/kg	
591-78-6	2-Hexanone	ND	5.7	1.6	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3 (7.5-8)
Lab Sample ID: JC20906-5
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 78.5

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	0.18	ug/kg	
79-20-9	Methyl Acetate	ND	5.7	2.3	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	0.57	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.7	0.97	ug/kg	
75-09-2	Methylene chloride	ND	5.7	0.39	ug/kg	
100-42-5	Styrene	ND	2.3	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.27	ug/kg	
127-18-4	Tetrachloroethene	4.6	2.3	0.32	ug/kg	
108-88-3	Toluene	ND	1.1	0.14	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	0.26	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.22	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.72	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.23	ug/kg	
	m,p-Xylene	ND	1.1	0.25	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.23	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-122%
17060-07-0	1,2-Dichloroethane-D4	106%		68-124%
2037-26-5	Toluene-D8	102%		77-125%
460-00-4	4-Bromofluorobenzene	110%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3 (3.5-4)
Lab Sample ID: JC20906-6
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 85.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163562.D	1	05/25/16	PS	05/25/16 08:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.0	ug/kg	
71-43-2	Benzene	ND	0.54	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.35	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.16	ug/kg	
75-25-2	Bromoform	ND	5.4	0.29	ug/kg	
74-83-9	Bromomethane	ND	5.4	0.53	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	1.9	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.18	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.47	ug/kg	
67-66-3	Chloroform	ND	2.2	0.26	ug/kg	
74-87-3	Chloromethane	ND	5.4	0.23	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.53	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.26	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.59	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.20	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.19	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.17	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.48	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.16	ug/kg	
76-13-1	Freon 113	ND	5.4	0.53	ug/kg	
591-78-6	2-Hexanone	ND	5.4	1.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3 (3.5-4)
Lab Sample ID: JC20906-6
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 85.3

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	2.2	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.55	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	0.92	ug/kg	
75-09-2	Methylene chloride	ND	5.4	0.37	ug/kg	
100-42-5	Styrene	ND	2.2	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.26	ug/kg	
127-18-4	Tetrachloroethene	0.87	2.2	0.31	ug/kg	J
108-88-3	Toluene	ND	1.1	0.14	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	0.25	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.68	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.22	ug/kg	
	m,p-Xylene	ND	1.1	0.24	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.22	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-122%
17060-07-0	1,2-Dichloroethane-D4	105%		68-124%
2037-26-5	Toluene-D8	101%		77-125%
460-00-4	4-Bromofluorobenzene	109%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-4 (3.5-4)
Lab Sample ID: JC20906-7
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 81.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163563.D	1	05/25/16	PS	05/25/16 08:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.1	ug/kg	
71-43-2	Benzene	ND	0.56	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.36	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.17	ug/kg	
75-25-2	Bromoform	ND	5.6	0.30	ug/kg	
74-83-9	Bromomethane	ND	5.6	0.54	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.19	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.19	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.48	ug/kg	
67-66-3	Chloroform	ND	2.2	0.27	ug/kg	
74-87-3	Chloromethane	ND	5.6	0.24	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.54	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.27	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.21	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.19	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.17	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.49	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.25	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.17	ug/kg	
76-13-1	Freon 113	ND	5.6	0.54	ug/kg	
591-78-6	2-Hexanone	ND	5.6	1.6	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-4 (3.5-4)
Lab Sample ID: JC20906-7
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 81.2

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.6	2.3	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.57	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	0.95	ug/kg	
75-09-2	Methylene chloride	ND	5.6	0.38	ug/kg	
100-42-5	Styrene	ND	2.2	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.27	ug/kg	
127-18-4	Tetrachloroethene	3.8	2.2	0.31	ug/kg	
108-88-3	Toluene	ND	1.1	0.14	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	0.25	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	0.70	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.23	ug/kg	
	m,p-Xylene	ND	1.1	0.25	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.23	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-122%
17060-07-0	1,2-Dichloroethane-D4	104%		68-124%
2037-26-5	Toluene-D8	102%		77-125%
460-00-4	4-Bromofluorobenzene	110%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-4 (6.5-7)
Lab Sample ID: JC20906-8
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 87.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163564.D	1	05/25/16	PS	05/25/16 09:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	6.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.8	1.7	ug/kg	
71-43-2	Benzene	ND	0.44	0.11	ug/kg	
74-97-5	Bromochloromethane	ND	4.4	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.13	ug/kg	
75-25-2	Bromoform	ND	4.4	0.23	ug/kg	
74-83-9	Bromomethane	ND	4.4	0.43	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.8	1.6	ug/kg	
75-15-0	Carbon disulfide	ND	1.8	0.15	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.15	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.14	ug/kg	
75-00-3	Chloroethane	ND	4.4	0.38	ug/kg	
67-66-3	Chloroform	ND	1.8	0.21	ug/kg	
74-87-3	Chloromethane	ND	4.4	0.19	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.48	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.43	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.13	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.88	0.21	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.88	0.15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.88	0.12	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.88	0.14	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.4	0.48	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.88	0.17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.88	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.88	0.14	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.88	0.39	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.88	0.14	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.27	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.20	ug/kg	
100-41-4	Ethylbenzene	ND	0.88	0.13	ug/kg	
76-13-1	Freon 113	ND	4.4	0.43	ug/kg	
591-78-6	2-Hexanone	ND	4.4	1.2	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 (6.5-7)		
Lab Sample ID:	JC20906-8	**Date Sampled:**	05/23/16
Matrix:	SO - Soil	**Date Received:**	05/24/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	87.1
Project:	1216000109, 18-46 Decantur Street, Queens, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	0.14	ug/kg	
79-20-9	Methyl Acetate	ND	4.4	1.8	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.45	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.88	0.23	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.4	0.75	ug/kg	
75-09-2	Methylene chloride	ND	4.4	0.30	ug/kg	
100-42-5	Styrene	ND	1.8	0.13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.21	ug/kg	
127-18-4	Tetrachloroethene	3.3	1.8	0.25	ug/kg	
108-88-3	Toluene	ND	0.88	0.11	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.4	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.4	0.16	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.29	ug/kg	
79-01-6	Trichloroethene	ND	0.88	0.17	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.4	0.56	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.18	ug/kg	
	m,p-Xylene	ND	0.88	0.19	ug/kg	
95-47-6	o-Xylene	ND	0.88	0.18	ug/kg	
1330-20-7	Xylene (total)	ND	0.88	0.18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-122%
17060-07-0	1,2-Dichloroethane-D4	104%		68-124%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	108%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-5 (12"-18")
Lab Sample ID: JC20906-9
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 87.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163565.D	1	05/25/16	PS	05/25/16 09:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.1	ug/kg	
71-43-2	Benzene	ND	0.55	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	0.35	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.17	ug/kg	
75-25-2	Bromoform	ND	5.5	0.29	ug/kg	
74-83-9	Bromomethane	ND	5.5	0.54	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	1.9	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.19	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.5	0.47	ug/kg	
67-66-3	Chloroform	ND	2.2	0.26	ug/kg	
74-87-3	Chloromethane	ND	5.5	0.23	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.53	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.27	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	0.60	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.21	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.19	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.17	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.48	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.16	ug/kg	
76-13-1	Freon 113	ND	5.5	0.53	ug/kg	
591-78-6	2-Hexanone	ND	5.5	1.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 (12"-18")		
Lab Sample ID:	JC20906-9	**Date Sampled:**	05/23/16
Matrix:	SO - Soil	**Date Received:**	05/24/16
Method:	SW846 8260C SW846 5035	**Percent Solids:**	87.1
Project:	1216000109, 18-46 Decantur Street, Queens, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.5	2.2	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.56	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.5	0.94	ug/kg	
75-09-2	Methylene chloride	ND	5.5	0.38	ug/kg	
100-42-5	Styrene	ND	2.2	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.26	ug/kg	
127-18-4	Tetrachloroethene	74.8	2.2	0.31	ug/kg	
108-88-3	Toluene	ND	1.1	0.14	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	0.25	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	0.69	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.22	ug/kg	
	m,p-Xylene	ND	1.1	0.24	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.22	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-122%
17060-07-0	1,2-Dichloroethane-D4	108%		68-124%
2037-26-5	Toluene-D8	101%		77-125%
460-00-4	4-Bromofluorobenzene	109%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-5 (4-4.5)
Lab Sample ID: JC20906-10
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 85.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y163566.D	1	05/25/16	PS	05/25/16 09:00	n/a	VY7134
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.0	ug/kg	
71-43-2	Benzene	ND	0.54	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.16	ug/kg	
75-25-2	Bromoform	ND	5.4	0.29	ug/kg	
74-83-9	Bromomethane	ND	5.4	0.52	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	1.9	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.18	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.46	ug/kg	
67-66-3	Chloroform	ND	2.2	0.26	ug/kg	
74-87-3	Chloromethane	ND	5.4	0.23	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.52	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.26	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.59	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.20	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.18	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.17	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.47	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.33	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.16	ug/kg	
76-13-1	Freon 113	ND	5.4	0.52	ug/kg	
591-78-6	2-Hexanone	ND	5.4	1.5	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-5 (4-4.5)
Lab Sample ID: JC20906-10
Matrix: SO - Soil
Method: SW846 8260C SW846 5035
Project: 1216000109, 18-46 Decantur Street, Queens, NY

Date Sampled: 05/23/16
Date Received: 05/24/16
Percent Solids: 85.7

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	2.2	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.55	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	0.92	ug/kg	
75-09-2	Methylene chloride	ND	5.4	0.37	ug/kg	
100-42-5	Styrene	ND	2.2	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.26	ug/kg	
127-18-4	Tetrachloroethene	4.8	2.2	0.30	ug/kg	
108-88-3	Toluene	ND	1.1	0.14	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	0.24	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.18	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.68	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.22	ug/kg	
	m,p-Xylene	ND	1.1	0.24	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.22	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-122%
17060-07-0	1,2-Dichloroethane-D4	105%		68-124%
2037-26-5	Toluene-D8	101%		77-125%
460-00-4	4-Bromofluorobenzene	108%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
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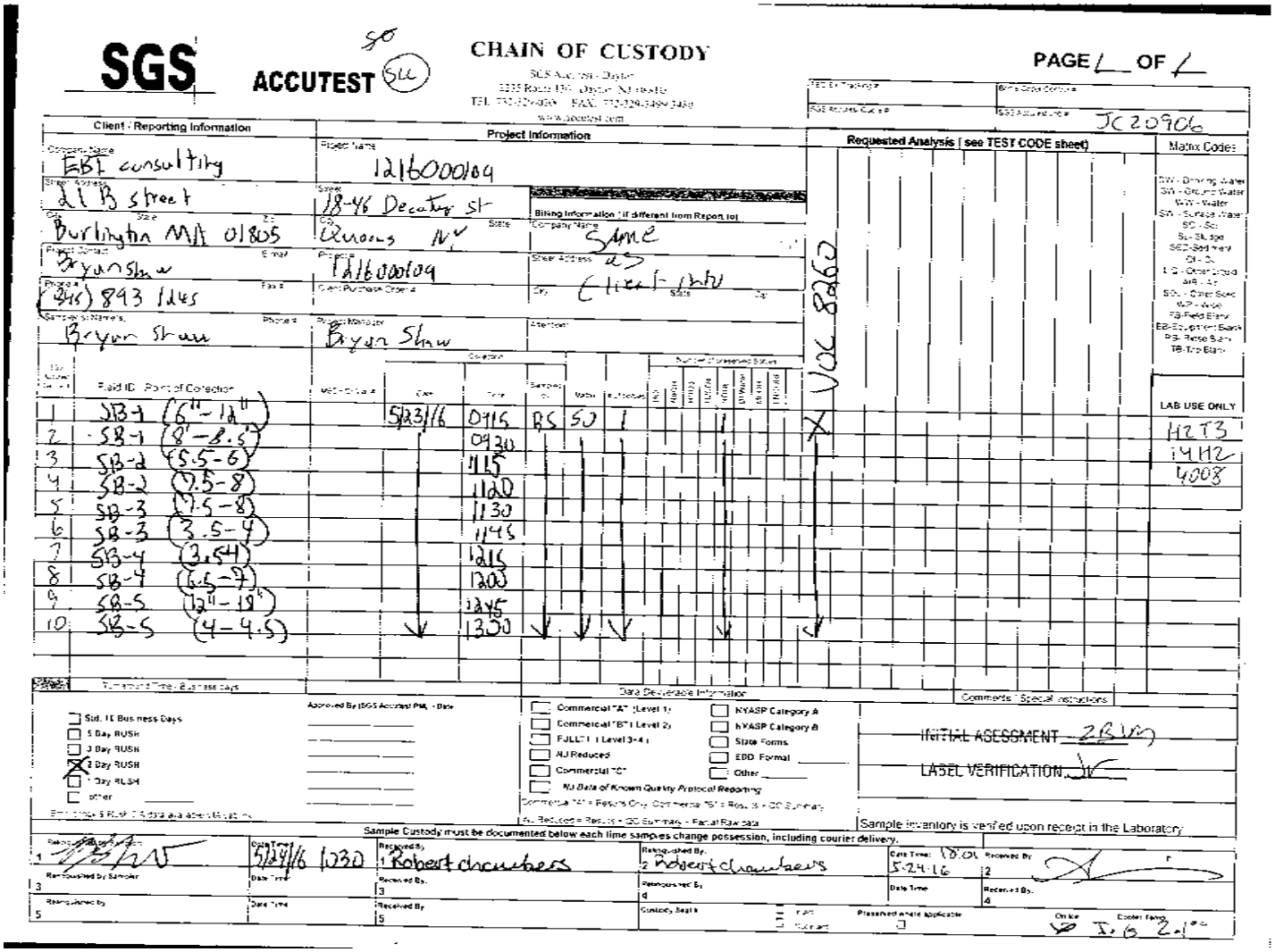
Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



SGS ACCUTEST (SW)

CHAIN OF CUSTODY

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499
www.accutest.com

PAGE 1 OF 1

SGS Accutest No: JC20906

Client / Reporting Information

Company Name: EBI consulting
Street Address: 21 B street
City: Burlington State: MA Zip: 01805
Project Contact: Bryan Shaw
Phone #: (845) 893 1245
Sampler(s) Name(s): Bryan Shaw

Project Information

Project Name: 1216000109
Street: 18-46 Decatur St
City: Queens State: NY
Project #: 1216000109
Client Purchase Order #:
Project Manager: Bryan Shaw

Billing Information (if different from Report to)

Company Name: Same
Street Address: "
City: " State: "
Attention:

Requested Analysis (see TEST CODE sheet)

X VOC 8260

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

LAB USE ONLY
H2T3
14H2
4008

#	Field ID / Point of Collection	MeOH Vial #	Date	Time	Sampled by	Matrix	# of bottles	VOC						
1	SB-1 (6"-12")		5/23/16	0915	BS	SO	1	1						
2	SB-1 (8'-8.5')			0930										
3	SB-2 (5.5-6)			1115										
4	SB-2 (7.5-8)			1120										
5	SB-3 (7.5-8)			1130										
6	SB-3 (3.5-4)			1145										
7	SB-4 (3.5-4)			1215										
8	SB-4 (6.5-7)			1200										
9	SB-5 (12"-18")			1245										
10	SB-5 (4-4.5)			1350										

Turnaround Time - Business Days

- Std. 10 Business Days
- 5 Day RUSH
- 3 Day RUSH
- 2 Day RUSH
- 1 Day RUSH
- other

Approved By (SGS Accutest PM) / Date:

Data Deliverable Information

- Commercial "A" (Level 1)
- Commercial "B" (Level 2)
- FULL T1 (Level 3+4)
- NJ Reduced
- Commercial "C"
- NJ Data of Known Quality Protocol Reporting
- NYASP Category A
- NYASP Category B
- State Forms
- EDD Format
- Other

Commercial "A" = Results Only; Commercial "B" = Results + QC Summary
TX Reduced = Results + QC Summary - Partial Raw data

Comments / Special Instructions

INITIAL ASSESSMENT 2B (VC)
LABEL VERIFICATION JC

Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

1 Relinquished by Sampler	Date/Time: 5/24/16 1030	2 Received By: Robert Chambers	2 Relinquished By: Robert Chambers	Date/Time: 5-24-16	2 Received By:		
3		3	3		3		
5 Relinquished By	Date/Time	5 Received By	4 Custody Seal #	Preserved where applicable	On Ice	Cooler Temp.	

SGS Accutest Sample Receipt Summary

Job Number: JC20906 **Client:** _____ **Project:** _____

Date / Time Received: 5/24/2016 6:01:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control _Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

JC20906: Chain of Custody
Page 2 of 2