DUMBO – 177 FRONT STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: TBD

E-designation OER project number 14EHAN030K

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REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

FIGURES 3
LIST OF ACRONYMS 6
CERTIFICATION 7
EXECUTIVE SUMMARY 8
REMEDIAL INVESTIGATION REPORT 13
1.0 SITE BACKGROUND 13
1.1 Site Location and Current Usage 13
1.2 Proposed Redevelopment Plan 13
1.3 Description of Surrounding Property 14
2.0 SITE HISTORY 15
2.1 Past Uses and Ownership 15
2.2 Previous Investigations 15
2.3 Site Inspection 15
2.4 Areas of Concern 16
3.0 PROJECT MANAGEMENT 17
3.1 Project Organization 17
3.2 Health and Safety 17
3.3 Materials Management 17
4.0 REMEDIAL INVESTIGATION ACTIVITIES 18
4.1 Geophysical Investigation 18
4.2 Borings and Monitoring Wells 19
4.3 Sample Collection and Chemical Analysis 20
5.0 ENVIRONMENTAL EVALUATION 25
5.1 Geological and Hydrogeological Conditions 25
5.2 Soil Chemistry 25
5.3 Groundwater Chemistry 27
5.4 Soil Vapor Chemistry 28
5.5 Prior Activity 29
5.6 Impediments to Remedial Action 29

FIGURES

Figure 1: Site Location Plan
Figure 2: Site Boundary Map
Figure 3: Site Development Plan
Figure 4: Surrounding Land Use
Figure 5: Site Plan
Figure 6: Soil Concentrations Exceeding the NYSDEC Track 2 Soil Cleanup Objectives
Figure 7: Groundwater Concentrations Exceeding the NYSDEC Part 703 and/or TOGS Groundwater Standard/Guidance Value
Figure 8: Soil Vapor Concentrations Measured on July 11, 2012

TABLES

Table 1:	Summary of TCL VOCs in Soil
Table 2:	Summary of TCL SVOCs in Soil
Table 3:	Summary of TAL Metals in Soil
Table 4:	Summary of PCBs in Soil
Table 5:	Summary of Pesticides in Soil
Table 6:	Summary of VOCs in Groundwater
Table 7:	Summary of TCL SVOCs in Groundwater
Table 8:	Summary of TAL Metals in Groundwater (filtered and unfiltered)
Table 9:	Summary of PCBs in Groundwater
Table 10:	Summary of Pesticides in Groundwater
Table 11:	Summary of VOCs in Soil Vapor

APPENDICES

Appendix A: Phase I Environmental Site Assessment
Appendix B: Geophysical Survey
Appendix C: Air Monitoring Logs
Appendix D: Soil Boring Logs
Appendix E: Temporary Well Point Logs
Appendix F: Soil Vapor Sample Log
Appendix G: Laboratory Analytical Results

LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Jed A. Myers, Ph.D., am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the site at 173, 177 and 185 Front Street, Brooklyn, NY (NYC VCP Site No. site number). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Jed A. Myers 10/31/2013

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 173, 177 and 185 Front Street in the Dumbo section in Brooklyn, New York and is identified as Block 41, Lots 44, 42 and the southern portion of Lot 13 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 19,950-square feet and is bounded by the 200 Water Street Development Property to the north, Front Street to the south, a five-story residence to the east, and one- to two-story commercial buildings to the west. A map of the Site boundary is shown in Figure 2. Currently, the Site is vacant and is comprised of three contiguous lots. The Lot 13 portion of the Site (185 Front Street) consists of an asphalt-paved parking lot. A one-story building occupies the entire parcel on Lot 42 (177 Front Street). A gravel-lined parking lot occupies the entire parcel on Lot 44 (173 Front Street).

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 12-story apartment building, with a cellar level parking garage. The new building will occupy the entire lot with a gross floor area of 105,023 ft^2 and a maximum height of 120 feet above grade. The first floor will include a 1,447 ft^2 commercial space, lobby, recreational area and seven residential apartments. An additional 94 residential apartment units will be present on the 2nd through 12th floors. The cellar will include a parking garage, utility rooms, bicycle storage, and commercial storage. The maximum excavation depth for the cellar is approximately 12 feet below ground surface (bgs), which based on current site grade will generate approximately 8,870 yds^3 of excavated soil for disposal off-site. Site excavation is not anticipated to extend beneath the existing water table at approximately 25 to 35 feet bgs. A 30-foot patio and landscaped area will be present along the northern portion of the Site. Construction of the new building will require the demolition of the existing single-story, 5,200 ft^2, building at 177 Front Street. Layout of the proposed Site

development is presented in Figure 3. The current zoning designation is M1-4/R7A. The proposed use is consistent with existing zoning for the Site.

Summary of Past Uses of Site and Areas of Concern

The review of historical Sanborn maps depicted the Site with nine dwellings along Front Street in 1887; dwellings, a store, a wagon house, and mason's storage in 1904; and dwellings along Front Street in 1915. In 1938, the northern and eastern portions of the Site (185 Front Street) is depicted as vacant land and labeled Kirkman and Son Inc. storage of coal and glycerine drums, the central portion of the Site along Front Street (177 Front Street) is depicted with the existing one-story building identified as a garage with two gasoline tanks, and the eastern portion of the Site along Front Street (173 Front Street) was depicted as vacant land. The property was depicted with the existing three-story building (200 Water Street) identified as Brillo manufacturing and constructed in 1950 and vacant land on the remainder of that lot (185 Front Street). In 1969, the one-story building at 177 Front Street was depicted as beverage storage and 173 Front Street was a vacant lot identified as parking. The 1977 Sanborn map identified the three-story Site building as manufacturing and labeled Len Art Co. The reference to Len Art Co. was not present in 1979 and all subsequent years through 2007 identified the Site use as the three-story manufacturing building with parking (185 Front Street), a one-story building identified as beverage storage (177 Front Street), and a vacant lot used for parking (173 Front Street). The review of the Sanborn maps identified the surrounding property use as manufacturing including foundry, lead works, shoe factory, warehouses, brewing company, electric company, smelting, tin plate decorating, residential, stores, commercial.

The AOCs identified for this Site include:

1. Historical manufacturing at adjoining 200 Water Street;
2. Historical coal and glycerine drum storage at 185 Water Street;
3. Potential presence of historical gasoline tanks in the southeastern portion of the one-story building located at 177 Front Street;
4. Historic fill in shallow soils; and

5. Reported groundwater volatile organic compound (VOC) contamination, including the installation of a sub-slab depressurization (SSDS) at the east adjoining property (220 Water Street).

Summary of the Work Performed under the Remedial Investigation

Dumbo Assemblage LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed seven soil borings across the entire project Site, and collected 14 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three temporary groundwater monitoring wells throughout the Site and collected three groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.
5. Collected one ambient air sample for chemical analysis.

Summary of Environmental Findings

1. Elevation of the Site ranges from 25 to 36 feet.
2. Depth to groundwater ranges from 26 to 35 feet at the Site.
3. Groundwater flow is generally from southeast to northwest beneath the Site.
4. Depth to bedrock is greater than 40 feet at the Site.
5. The stratigraphy of the Site, from the surface down, consists of fill material to a depth of 8 to 13 feet bgs underlain by varying gradations of brown and light brown and reddish brown sands and silts, with a little gravel, to a termination depth of 20 feet bgs.
6. Soil/fill samples collected during the RI detected no pesticides or PCBs. Volatile Organic Compounds (VOCs), including TCE (max. of 0.061 mg/Kg) was detected at trace levels in two shallow soil samples, well below Unrestricted Use SCOs. No other VOCs were detected shallow or in deeper soil samples. Seven SVOCs including

benzo(a)anthracene (max. of 11 mg/Kg), benzo(a)pyrene (max. of 11 mg/Kg), benzo(b)fluoranthene (max. of 13 mg/Kg), benzo(k)fluoranthene (max. of 4.2 mg/Kg), chrysene (max. of 11 mg/Kg), dibenzo(a,h)anthracene (max. of 1.3 mg/Kg), and indeno(1,2,3-cd)pyrene (max. of 5.8 mg/Kg) were detected in four of the seven shallow soil samples above their respective Unrestricted Use as well as Restricted Residential Use SCOs. The SVOCs detected were all polyaromatic hydrocarbon compounds (PAHs) typically associated with historic fill material. Metals including; arsenic (in two shallow soils at max. of 38.7 mg/Kg), beryllium (one sample at 12.2 mg/Kg), cadmium (in one sample at 2.81 mg/Kg), chromium (in one sample at 141 mg/Kg), copper (max. of 1,530 mg/Kg), lead (max. of 1,180 mg/Kg), magnesium (in all samples at max. of 13,600 mg/Kg), mercury (max. of 0.46 mg/Kg), nickel (max. of 269 mg/Kg) and zinc (max. of 321 mg/Kg) were detected above Unrestricted Use SCOs. Of these, arsenic, copper, lead, and magnesium also exceeded Restricted Residential SCOs. Overall the soil testing results were consistent with the observation of historic fill at the shallow depths throughout the Site. The RI did not reveal any contaminant source areas on the Site.

7. Groundwater samples collected during the RI detected no SVOC, PCBs or pesticides in any of three groundwater samples. Trichloroethene (TCE) was detected at concentrations ranging from 2.1 ug/L to 8.3 ug/L in all three wells, but only exceeded NYSDEC 6 NYCRR Part 703.5 Groundwater Quality Standards (GQS) in one well. No other VOCs were detected in groundwater samples. Metals including iron, manganese, and sodium were detected above their respective GQS. The RI indicates that the groundwater is slightly impacted with chlorinated hydrocarbons.

8. Soil vapor samples collected during the RI showed moderate levels of petroleum related and chlorinated VOCs in all soil vapor samples. Overall the highest reported concentrations were for acetone (all samples at max of 1199 $\mu g/m^3$), toluene (max of 211 $\mu g/m^3$), and xylene (max. of 221 $\mu g/m^3$). Chlorinated VOCs including 1,1,1-Trichloroethane was detected in all four samples and concentrations ranged from 0.76 $\mu g/m^3$ to 37.5 $\mu g/m^3$. Carbon tetrachloride was detected in all four samples at concentrations ranging from 0.69 $\mu g/m^3$ to 4.28 $\mu g/m^3$. PCE concentrations ranged from 134 $\mu g/m^3$ to 204 $\mu g/m^3$, and TCE concentrations ranged from 20.4 $\mu g/m^3$ to 348 $\mu g/m^3$. PCE and TCE were detected in all four soil vapor samples above the monitoring level

ranges established within the New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006) values (AGVs)

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Dumbo Assemblage LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.46-acre site located at 173, 177 and 185 Front Street in the Dumbo section of Brooklyn, New York. A mixed commercial and residential use is proposed for the Site. The RI work was performed between July 6th and 11th, 2012. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the Site pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 173, 177 and 185 Front Street in the Dumbo section in Brooklyn, New York and is identified as Block 41, Lots 44, 42 and the southern portion of Lot 13 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 19,950-square feet and is bounded by the 200 Water Street Development Property to the north, Front Street to the south, a five-story residence to the east, and one- to two-story commercial buildings to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and is comprised of three contiguous lots. The Lot 13 portion of the site (185 Front Street) consists of an asphalt-paved parking lot. A one-story building occupies the entire parcel on Lot 42 (177 Front Street). A gravel-lined parking lot occupies the entire parcel on Lot 44 (173 Front Street).

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 12-story apartment building, with a cellar level parking garage. The new building will occupy the entire lot with a gross floor area of 105,023 ft^2 and a maximum height of 120 feet above grade. The first floor will include a 1,447 ft^2 commercial space, lobby, recreational area and seven residential apartments. An additional 94 residential apartment units will be present on the 2nd through 12th floors. The cellar will include a parking garage, utility rooms, bicycle storage, and commercial storage. The maximum excavation depth for the cellar is approximately 12 feet bgs, which based on current site grade will generate approximately 8,870 yds^3 of excavated soil for disposal off-site. Site excavation is

not anticipated to extend beneath the existing water table at approximately 25 to 35 feet bgs. A 30-foot patio and landscaped area will be present along the northern portion of the Site. Construction of the new building will require the demolition of the existing single-story, 5,200 ft^2, building at 177 Front Street. Layout of the proposed Site development is presented in Figure 3. The current zoning designation is M1-4/R7A. The proposed use is consistent with existing zoning for the Site.

1.3 Description of Surrounding Property

The surrounding properties are predominately residential and commercial with some manufacturing. Adjacent properties include:

Direction From Site	Address	Occupant(s) Name or Type	Current Use
North	192 Water Street	Newly constructed five-story building	Commercial
North	200 Water Street	Four-story former warehouse building	Vacant
East	220 Water Street	Seven-story residential building	Residential
South	87 Jay Street	Parking Facilities	Parking
West	73 Jay Street	One-story commercial building (Pedro's mexican restaurant)	Commercial
West	67 Jay Street	Commercial buildings	Commercial

No schools, hospitals or daycare facilities were identified within a 500-foot radius of the Site. Figure 4 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

The review of historical Sanborn maps depicted the Site with nine dwellings along Front Street in 1887; dwellings, a store, a wagon house, and mason's storage in 1904; and dwellings along Front Street in 1915. In 1938, the northern and eastern portions of the Site (185 Front Street) is depicted as vacant land and labeled Kirkman and Son Inc. storage of coal and glycerine drums, the central portion of the Site along Front Street (177 Front Street) is depicted with the existing one-story building identified as a garage with two gasoline tanks, and the eastern portion of the Site along Front Street (173 Front Street) was depicted as vacant land. The Site was depicted with the existing three-story building (200 Water Street) identified as Brillo manufacturing and constructed in 1950 and vacant land on the remainder of that lot (185 Front Street). In 1969, the one-story building at 177 Front Street was depicted as beverage storage and 173 Front Street was a vacant lot identified as parking. The 1977 Sanborn map identified the three-story Site building as manufacturing and labeled Len Art Co. The reference to Len Art Co. was not present in 1979 and all subsequent years through 2007 identified the Site use as the three-story manufacturing building with parking (185 Front Street), a one-story building identified as beverage storage (177 Front Street), and a vacant lot used for parking (173 Front Street). The review of the Sanborn maps identified the surrounding property use as manufacturing including foundry, lead works, shoe factory, warehouses, brewing company, electric company, smelting, tin plate decorating, residential, stores, commercial.

2.2 Previous Investigations

No previous site investigations were available for review.

2.3 Site Inspection

A Site reconnaissance was performed by Matthew Mankovich, with Cardno ATC on April 23, 2012. At the time of the reconnaissance, the Site was comprised of three contiguous lots that totaled approximately 19,950 ft^2 and contained an asphalt-paved parking lot at 185 Front Street; a one-story building at 177 Front Street; and a gravel-lined parking lot at 173 Front Street. The result of the Site inspection is summarized below.

185 Front Street

This lot consists of an asphalt-paved parking lot and loading dock area servicing the north adjoining building at 200 Water Street. Access to the parking lot is off Front Street. Cardno ATC observed no evidence of hazardous material storage, underground storage tanks (USTs) or aboveground storage tanks (ASTs). Two solid waste dumpster were present along the south exterior wall of the 200 Water Street Building.

177 Front Street

The one-story partial cellar, slab-on-grade building was constructed circa 1920 and is currently used for automobile parking. Cardno ATC observed approximately 20-25 automobiles parked along the eastern and western perimeters of the building. There is a partial cellar that contains a small abandoned out-of-service boiler.

173 Front Street

As indicated above, 173 Front Street is a gravel-lined lot that was vacant at the time of Site reconnaissance. According to Site personnel, the lot is used as an automobile parking lot.

2.4 Areas of Concern

The AOCs identified for this site include:

1. Historical manufacturing at adjoining 200 Water Street;
2. Historical coal and glycerine drum storage at 185 Water Street;
3. Potential presence of historical gasoline tanks in the southeastern portion of the one-story building located at 177 Front Street;
4. Historic fill in shallow soils; and
5. Reported groundwater volatile organic compound (VOC) contamination, including the installation of a sub-slab depressurization (SSDS) at the east adjoining property (220 Water Street).

A copy of the Phase I Environmental Site Assessment is present in Appendix A

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Jed A. Myers, Ph.D.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Dumbo Assemblage LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed seven soil borings across the entire project Site, and collected 14 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three temporary groundwater monitoring wells throughout the Site and collected three groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.
5. Collected one ambient air sample for chemical analysis.

4.1 Geophysical Investigation

On July 6, 2012, Enviroprobe Services, Inc., under the observation of Cardno ATC, performed a geophysical survey of the Site to identify subsurface structures, utilities and anomalies throughout the Site so that they can be avoided during drilling activities and to investigate the potential presence of gasoline USTs in the southeastern portion of the one-story building located at 177 Front Street. The equipment used included a Sensors and Software N250Plus cart-mounted Ground Penetrating Radar (GPR) unit with a 250 MHz antenna, a Radiodetection 4000T3 multi-transmitter, a Radiodetection 4000 receiver, and a Fisher TW-6 metallic locator.

The results of the geophysical survey found no evidence to suggest the presence of USTs in the southeastern portion of the one-story building located at 177 Front Street. The geophysical survey cleared all soil borings, temporary well points, and soil vapor sample locations. When possible, an area of approximately 10 feet by 10 feet surrounding each boring location was scanned. In some cases, obstructions prevented an investigation of the entire 10 feet by 10 feet area. A copy of the Geophysical Investigation Report dated July 9, 2012 is provided in Appendix B.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On July 9-10, 2012, Zebra Environmental Inc., Inc., under the observation of Cardno ATC, advanced seven soil borings (SB-01 through SB-07) throughout the Site with a track-mounted Geoprobe® drilling rig using five-foot steel marco-core sampler with acetate liners. Each soil boring was advanced to a depth of 20 feet bgs, with continuous soil quality field screening performed by a Cardno ATC geoscientist. Visual and olfactory methods of screening were used during the field efforts to identify evidence of contamination. Additionally, a portable photo ionization detector (PID) was used to obtain qualitative measurements of volatile organic vapors. No elevated PID readings or visual/olfactory observations of impacted soils were noted in borings SB-01 through SB-05 and SB-07. Elevated PID readings, staining, and petroleum odors were noted at 19 feet bgs in boring SB-06

As indicated in the site-specific HASP, air monitoring of the breathing space was performed at 15 minute intervals during the drilling activities in the area of the track-mounted Geoprobe® drilling rig. Air monitoring was performed using a PID and air monitoring logs are included in Appendix C.

Drilling equipment was decontaminated by scrubbing with a non-phosphate detergent (i.e., Alconox) and rinsing with fresh water prior to use at each sample location. Upon completion of drilling, each boring was filled to near grade with drill cuttings (since no PID measurements were recorded). The boring was patched at grade with the appropriate materials (on-site soils).

Boring logs prepared by a geoscientist are attached in Appendix D. A map showing the location of soil borings and temporary monitor wells is shown in Figure 5.

Groundwater Monitoring Well Construction

On July 9-10, 2012, Zebra Environmental, Inc., under the observation of Cardno ATC, installed three temporary monitoring wells (TWPs) (MW-1 through MW-3) adjacent to soil boring locations SB-01, SB-04, and SB-07 and set to intersect the water table. Construction details for each TWP are listed below.

- MW-1 consisted of 35 feet of one (1) inch diameter schedule 40 polyvinyl chloride (PVC) riser and screen (riser from 0-24 feet and screen from 24-35 feet).

- MW-2 consisted of 40 feet of one (1) inch diameter schedule 40 PVC riser and screen (riser from 0-30 feet and screen from 30-40 feet).
- MW-3 consisted of 40 feet of one (1) inch diameter schedule 40 PVC riser and screen (riser from 0-30 feet and screen from 30-40 feet).

The TWP locations are shown in Figure 5. The TWP completion logs are present in Appendix E.

Survey

Since temporary wells were installed, the wells were only surveyed for location and not for elevation.

Water Level Measurement

Following completion of the TWPs, depth to groundwater was measured to the nearest 0.01 foot using an electronic oil/water interface probe. Groundwater was encountered at 26 feet bgs in MW-1, 34.66 feet bgs in MW-2, and 32.37 feet bgs in MW-3. No light non-aqueous phase liquid (LNAPL) was observed in the three TWPs.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all AOCs and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Soil samples were collected from each boring as follows:

- One soil sample was collected in all borings from ground surface to a depth of two feet bgs to assess the presence of historic fill material (for VOCs a grab sample was collected

from 1.5-2 feet bgs and a composite sample was collected from 0-2 feet bgs for all other analyses);

- One soil sample was collected from 2 – 20 feet bgs based on field screening (e.g., staining, odor, and/or PID readings). Since no elevated PID readings or visual/olfactory observations of impacted soils were noted from the subsurface soil intervals in borings SB-01 through SB-05 and SB-07, the VOC grab sample was collected from 19.5 to 20 feet bgs and the composite sample from 18-20 feet bgs. Elevated PID readings, staining, and petroleum odors were noted at 19 feet bgs in boring SB-06 and the VOC grab was collected from 19-19.5 feet bgs and the composite sample from 18-20 feet bgs.

Soil samples were placed in laboratory supplied containers and cooled to 4 degrees centigrade (wet ice) during shipment to the laboratory. Cardno ATC completed all chain of custody documents prior to sample shipment. Samples were submitted to Chemtech in Mountainside, New Jersey, a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis (ELAP Certification 11376). Samples were analyzed for target compounds list (TCL) VOCs via EPA Method 8260B, TCL SVOCs via EPA Method 8270C, Target Analyte List (TAL) metals via EPA Method 6010B, Pesticides via EPA Method 8081A, and PCBs via EPA Method 8082.

28 soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 1 through 5. Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are discussed below.

Groundwater Sampling

The groundwater samples were collected on July 12-13, 2012. Prior to sampling the TWPs were purged between 20-25 well volumes. A groundwater sample was collected from the each TWP for screening and laboratory analysis via dedicated polyethylene tubing and check valve. All tubing was new, clean and unused and was properly disposed after use. Groundwater samples were placed in laboratory supplied containers and cooled to 4 degrees centigrade (wet ice) during shipment to the laboratory. Standard chain of custody procedures were followed. Groundwater samples were submitted to Chemtech in Mountainside, New Jersey, a New York State ELAP certified laboratory for analysis (ELAP Certification 11376). The samples were

analyzed for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, TAL metals by EPA Method 6010 (filtered and unfiltered), Pesticides by EPA Method 8081, and PCBs via EPA Method 8082.

Three groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in Tables 6 through 10. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are discussed below.

Soil Vapor Sampling

On July 11, 2012, four soil vapor samples (SV-01 through SV-04) and one ambient air sample were collected for laboratory analyses. The soil vapor sample locations are shown on Figure 5.

The four soil vapor probes were advanced in the parking lots of 185 Front Street and 173 Front Street and in the parking garage of 177 Front Street. The soil vapor samples were collected at a depth of 5 feet bgs. Additionally, an ambient or "background" air sample was collected in the parking lot area of the 185 Front Street building as illustrated on Figure 5.

As indicated above the, soil vapor samples were collected at a depth of five feet bgs and completed through use of a Geoprobe and a hollow steel, three quarter inch inner diameter probe rod fitted with an expendable drive point. Once the selected depth was reached, the probe rods were then raised approximately six-inches to allow soil vapor to enter the rod. The Geoprobe drive head was removed and dedicated polyethylene tubing with a threaded fitting was connected to the head of the probe rod. The soil-to-probe interface was sealed at grade with bentonite clay.

Prior to the collection of the soil vapor samples, a portable PID was used to assess if organic vapors were present. No PID readings were measured at any soil vapor sampling locations. The sampling tubing was then connected to a low-flow battery-powered pump for approximately three minutes in an attempt to remove remaining ambient air. Following completion of the purge cycle, the tubing was connected to a 6-liter Summa canister equipped with a one-hour flow controller, which kept the flow rate below 0.2 liters per minute, for the collection of the soil vapor sample. In addition, a tracer gas consisting of helium was used to verify the integrity of the vapor probe seal and that infiltration of outdoor/ambient air was not occurring. A MGD-2000 multi-gas leak locator was used in the field to collect helium readings. No helium readings were detected. During each soil vapor sampling event the following information was recorded:

sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of soil vapor extracted, vacuum of canisters before and after samples collected, and apparent moisture content (dry, moist, saturated, etc.) of sampling zone.

After collection, the Summa canisters were submitted to Chemtech of Mountainside, NJ, a New York State ELAP certified laboratory (ELAP Certification 11376) and analyzed for VOCs using EPA method TO-15 including the reporting of helium concentrations, if any. Standard chain of custody procedures was followed.

Four soil vapor probes were installed and four soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 3. Soil vapor sampling logs are included in Appendix F. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Chemtech
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Chemtech
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000);

	Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 1 and 2, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix G.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The underlying subsurface soils consist of varying gradations of brown and light brown and reddish brown sands and silts with a little gravel at varying depths with a termination depth of 20 feet bgs. Man-made materials (brick), which are indicative of urban fill, were encountered in borings SB-03 and SB-07. The identified fill material was present in SB-03 to a depth of 13 feet bgs and at SB-07 to a depth of a depth of 8 feet bgs.

Hydrogeology

The average depth to groundwater across the site was 31 feet bgs and ranged in depth from 26 feet bgs at MW-1 to 34.66 feet bgs at MW-2. Available hydrogeologic information indicates that the presumed local groundwater flow to be in a northwest direction towards the East River located approximately 850 feet northwest of the Site. Estimated groundwater levels and/or flow direction may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations.

5.2 Soil Chemistry

A summary of the analytical results for the VOC analyses of soil samples is presented in Table 1. TCE was detected at trace concentrations in shallow soil samples SB-2 (1.5-2 ft.) and SB-03 (1.5-2 ft.) above the corresponding laboratory MDL and below applicable NYSDEC Subpart 375-6: Unrestricted Use Soil Cleanup Objectives (Track 1 SCOs), Restricted-Residential Use SCOs (Track 2), and the NYSDEC CP-51 / Soil Cleanup Guidance Residential Supplemental Soil Cleanup Objectives (SSCOs),criteria. Carbon disulfide was detected in one (1) soil sample, SB-03 (1.5-2 ft.) above its corresponding MDL and below all applicable criteria. No other VOCs were detected shallow or in deeper soil samples above MDLs.

A summary of the analytical results for the SVOC analyses of soil samples is presented in Table 2. The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected in three (3) shallow soil samples SB-01 (0-2 ft.), SB-02 (0-2 ft.), and SB-07 (0-2 ft.) above their corresponding Tack 1 and Track 2 SCOs; benzo(a)anthracene, benzo(a)pyrene, chrysene, and indeno(1,2,3-cd)pyrene were detected shallow soil sample SB-06 (0-2 ft.) above

their corresponding Track 1 and Track 2 SCOs; and 2-methylnaphthalene was detected above it corresponding Residential SSCO in shallow soil sample SB-02 (0-2 ft.). There is no corresponding Track 1 or Track 2 SCOs for 2-methylnaphthalene and no Residential SSCO for the other detected SVOCs. No other SVOCs were detected above their applicable Track 1 criteria. Except for dimethylphalate, which is a common laboratory contaminant, none of the deep soil samples collected from 18-20 feet bgs contained SVOCs above their corresponding MDL.

A summary of the analytical results for the TAL metals analyses of soil samples is presented in Table 3. The laboratory results indicate that concentrations of one or more of the following metals were detected above either their Track 1 SCOs, Track 2 SCOs, Residential SSCOs, and/or Eastern USA Soil Background Levels in one or more of the soil samples analyzed: arsenic (max. of 37.7 mg/Kg), beryllium (at 12.2 mg/Kg), cadmium (at 2.8 mg/Kg), chromium (at 141 mg/Kg), copper (in three samples ranging from 69 to 1530 mg/Kg), lead (ranging from 172 to 1180 mg/Kg), magnesium (in all samples to a max. of 13,600 mg/Kg), mercury (max. of 0.46 mg/Kg), nickel (max. of 269 mg/Kg) and zinc (max. of 321 mg/Kg). Lead was detected at a concentration above its Track 2 SCO in SB-03 (0-2 ft.) and SB-07 (0-2 ft.); above its Track 1 SCO and below its Track 2 SCO, and Eastern USA Soil Background Level in SB-01 (0-2 ft.), SB-02 (0-2 ft.), and SB-06 (0-2 ft.). Lead was detected in each of the remaining shallow and deep sample above its corresponding MDL and below its applicable Track 1 criteria. Mercury was detected at a concentration above its Track 1 Unrestricted Use SCO in SB-01 (0-2 ft.), SB-02 (0-2 ft.), SB-03 (0-2 ft.), SB-06 (0-2 ft.), and SB-07 (0-2 ft.). The remaining concentrations of mercury were detected below applicable Track 1 criteria and/or laboratory MDL. The remaining soil samples did not indicate any metals above their corresponding Track 1 SCOs and/or were not detected.

A summary of the analytical results for the PCB analyses of soil samples is presented in Table 4. PCBs were not detected in the soil samples collected.

A summary of the analytical results for the pesticide analyses of soil samples is presented in Table 5. Pesticides were not detected in the soil samples collected.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. Figure 6 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

A summary of the analytical results for the VOC analyses in groundwater samples is presented in Table 6. TCE was detected at a concentration of 8.3 micrograms per liter (ug/L) in MW-2, which is above the corresponding NYSDEC Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations for Class GA (Part 703) and NYSDEC Division of Water TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations for Class GA (TOGS) criteria of 5 ug/L. TCE was detected in MW-1 and MW-3 above its corresponding MDL and below its corresponding NYSDEC Part 703 and TOGS Criteria. PCE was not detected above its corresponding MDL in MW-1, MW-2, and MW-3. No other VOCs were detected the groundwater samples.

A summary of the analytical results for the SVOC analyses in groundwater samples is presented in Table 7. No SVOCs were measured above the laboratory detected limit in the collected groundwater samples.

A summary of the analytical results for the TAL metals analyses in groundwater samples is presented in Table 8. The laboratory results indicate that metals were detected in each of the unfiltered and filtered groundwater samples analyzed. The following metals were detected above either their corresponding NYSDEC Part 703 and/or TOGS criteria in each of filtered and unfiltered groundwater samples: antimony, barium, cadmium, chromium, iron, magnesium, manganese, selenium, sodium, and thallium. No other metals were above their corresponding NYSDEC Part 703 criteria, TOGS criteria and/or not detected in the groundwater samples collected.

A summary of the analytical results for the PCBs analyses in groundwater samples is presented in Table 9. PCBs were not detected in the groundwater samples.

A summary of the analytical results for the pesticides analyses in groundwater samples is presented in Table 10. Pesticides were not detected in the groundwater samples**.**

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Tables 6 through 10. Exceedences of applicable groundwater standards are shown.

Figure 7 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

A summary of the analytical results for the soil vapor sampling is presented in Table 11. The laboratory analytical results revealed detectable concentrations of VOCs in all soil vapor samples collected (SV-01 through SV-04) and the ambient air sample.

The detected compounds in the soil vapor samples included the following: 1,1,1-trichloroethane (1,1,1-TCA), 1,1,2-trichlorotrifluoroethane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 2-butanone, 1,4-dichlorobenzene, 4-ethyltoluene, 4-methyl-2-pentanone, acetone, benzene, carbon disulfide, carbon tetrachloride, chloromethane, chloroform, cyclohexane, dichlorodifluoromethane, ethylbenzene, heptane, hexane, m&p xylene, methylene chloride, o-xylene, styrene, tert-butyl alcohol, PCE, toluene, TCE, and trichlorofluromethane. In addition, the following compounds were detected in the ambient air sample at low concentrations: 1,1,2-trichlorotrifluoroethane, 1,2,4-trimethylbenzene, 2-butanone, acetone, benzene, carbon tetrachloride, chloromethane, dichlorodifluoromethane, hexane, methylene chloride, toluene, and trichlorofluoromethane.

PCE and TCE were detected in each of the soil vapor samples above their NYSDOH AGVs of 100 ug/m^3 and 5 ug/m^3, respectively. In addition, the PCE and TCE concentrations exceeded the NYSDOH Background Levels and EPA Shallow Soil Vapor Values. PCE and TCE were not detected in the ambient air sample. Methylene chloride was detected in each soil vapor sample collected at a concentration below its NYSDOH AGV of 60 ug/m^3. No NYSDOH AGVs have been established for any other compounds.

Benzene, 1,2,4-trimethylbenzene, carbon tetrachloride, chloroform, and ethylbenzene were detected at concentrations above the NYSDOH Background Levels and EPA Shallow Soil Vapor Values in one (1) or more of the soil vapor samples analyzed.

Acetone, 1,1,1-trichloroethane (1,1,1-TCA), 1,3,5-trimethylbenzene, 1,4-dichlorobenzene, 2-butanone, 4-ethyltoluene, carbon disulfide, heptane, m&p xylene, methylene chloride, o-xylene, styrene, toluene, and trichlorofluromethane were detected at concentrations above the NYSDOH Background Levels but below the EPA Shallow Soil Vapor Values in one or more of the soil vapor samples analyzed.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 11. Figure 8 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

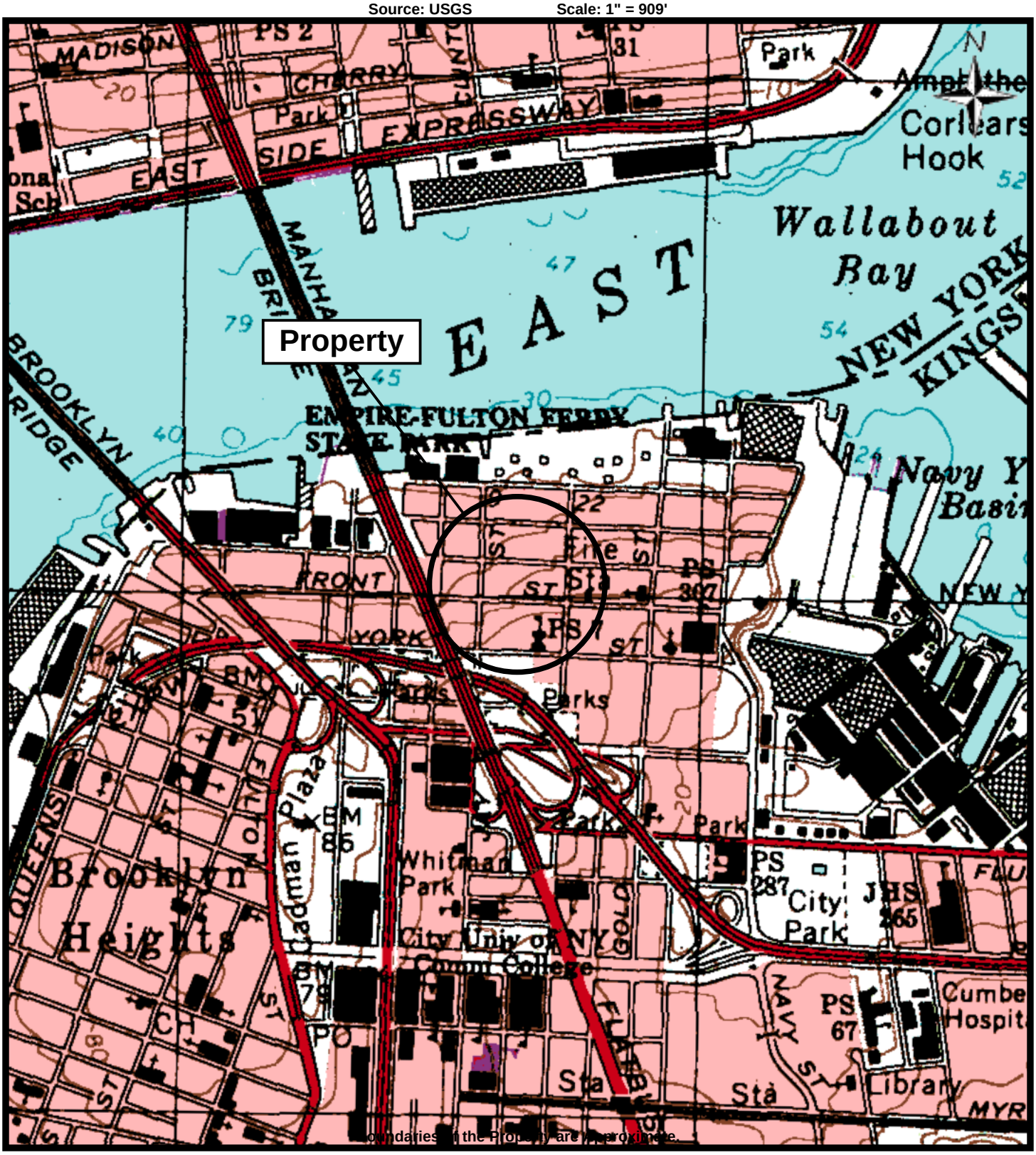
Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this Site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this Site.

FIGURES

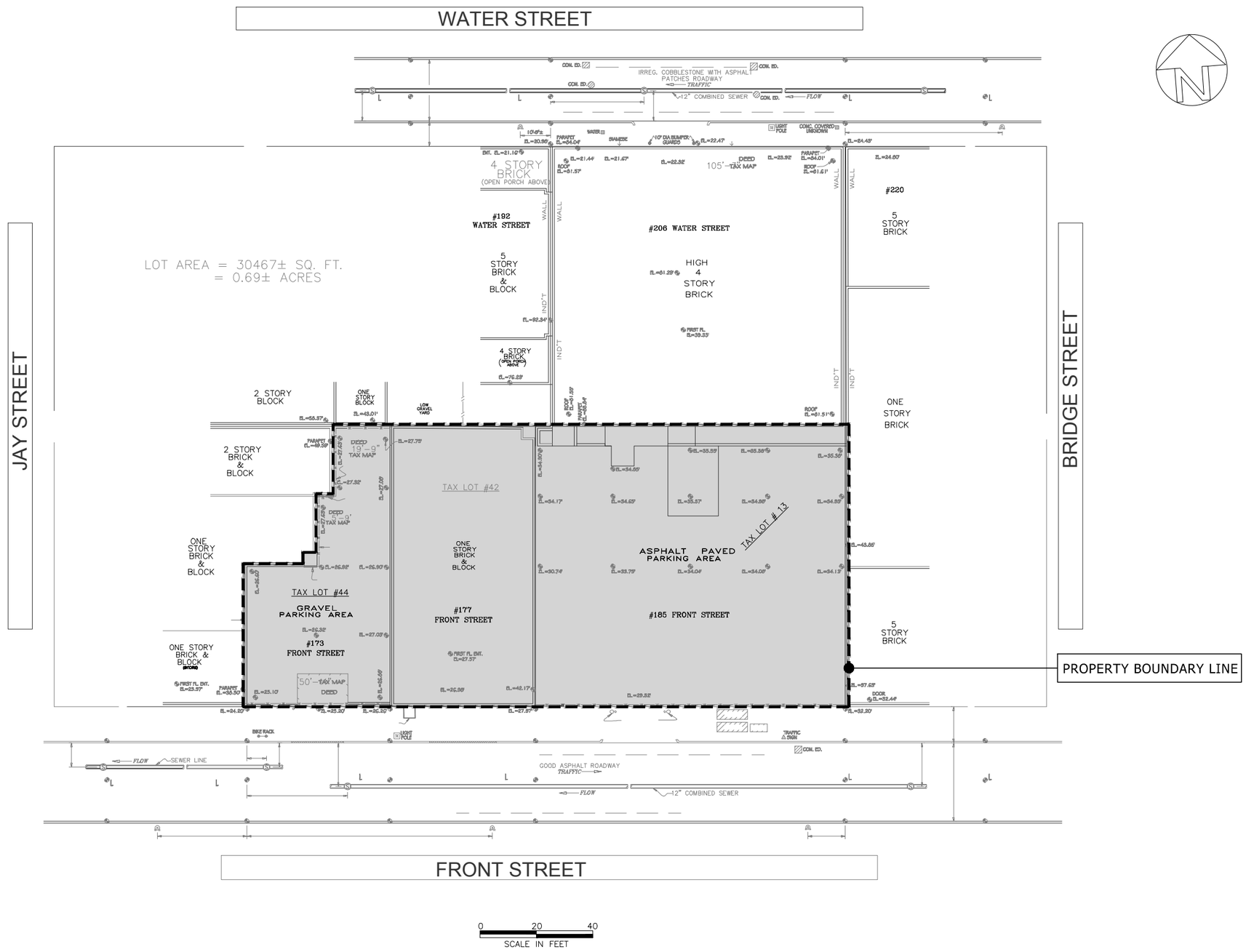
Image Provided by Environmental Data Resources, Inc.
Source: USGS Scale: 1" = 909'



Cardno ATC
Shaping the Future

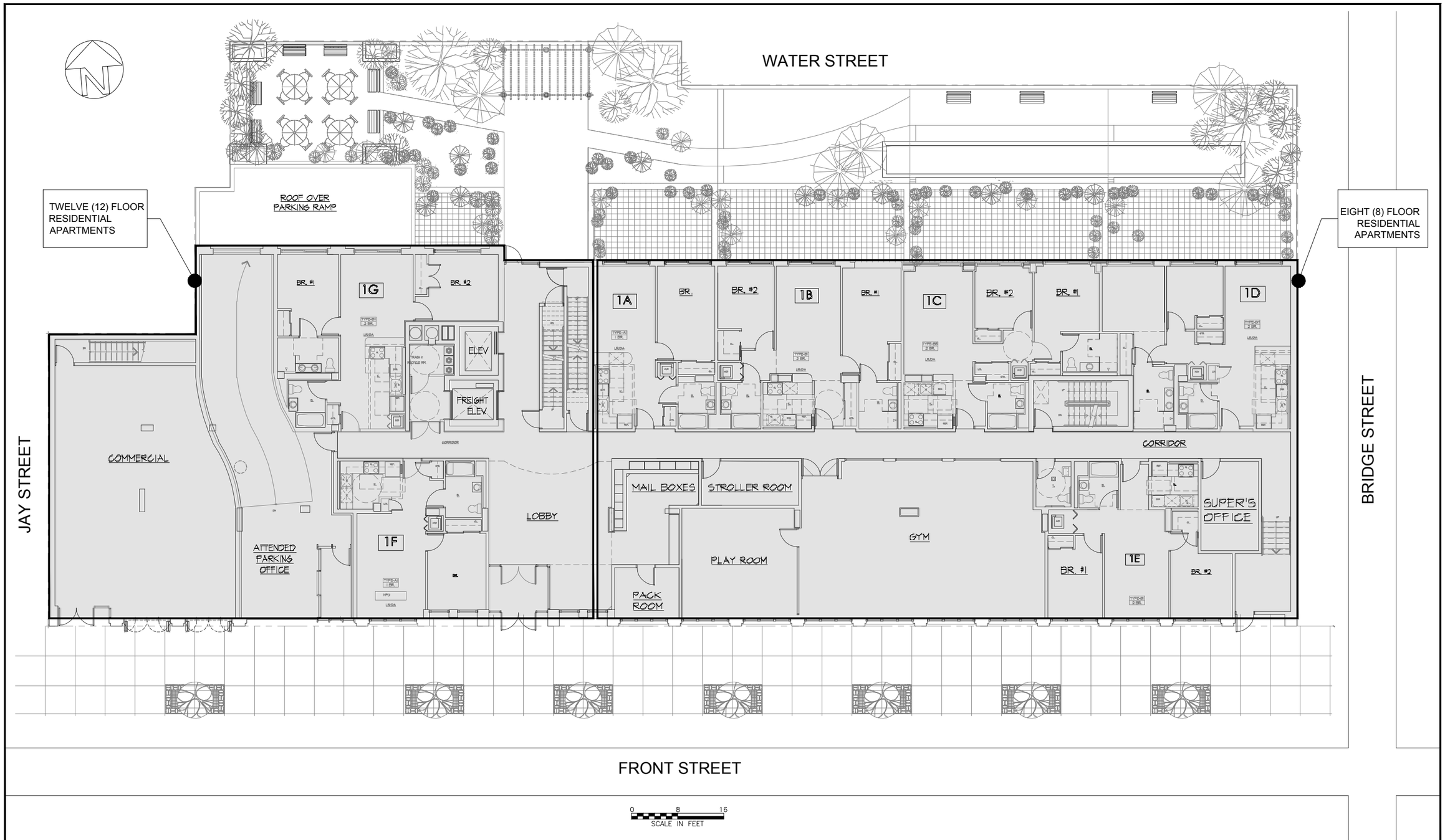
FIGURE 1 - SITE LOCATION MAP
DUMBO ASSEMBLAGE
185 Front Street, 177 Front Street, and 173 Front Street
Brooklyn, NY 11201

PREPARED FOR: Dumbo Assembalge LLC
PROJ. MGR: Jed Myers **DATE:** 8/20/2013
DRAWN BY: Jed Myers **PROJ. #:** 15.44291.0004



CLIENT: DUMBO ASSEMBLAGE LLC ADDRESS: 22 CORTLAND STREET 16TH FLOOR NEW YORK, NY 10007	SITE ADDRESS: 173, 177 AND 185 FRONT STREET BROOKLYN, NY 11201	Cardno ATC Shaping the Future 104 EAST 25th STREET, 10th FLOOR NEW YORK, NY 10010 TEL: (212) 353-8280 FAX: (212) 353-8306	DRAWING BY: M. SVERDEL INSPECTED BY: J. MYERS DESIGNED BY: J. MYERS CHECKED BY:	DRAWING TITLE: SITE PLAN SCALE SEE SCALE BAR ATC PROJECT: # 15.44291.0004	DRAWING NO. FIG-2 SHT. OF DATE: 08.25.13 REVISION No. 0

M:\CAD2000\2013\44291\0004



CLIENT:
DUMBO ASSEMBLAGE LLC
ADDRESS:
22 CORTLAND STREET
16TH FLOOR
NEW YORK, NY 10007

SITE ADDRESS:
173, 177 AND 185 FRONT STREET
BROOKLYN, NY 11201

Cardno ATC
Shaping the Future
104 EAST 25th STREET, 10th FLOOR NEW YORK, NY 10010
TEL: (212) 353-8280 FAX: (212) 353-8306

DRAWING BY: M. SVERDEL
INSPECTED BY: J. MYERS
DESIGNED BY: J. MYERS
CHECKED BY:

DRAWING TITLE:
PROPOSED REDEVELOPMENT PLAN SHOWING FIRST FLOOR LAYOUT OF 12 STORY BUILDING

SCALE: SEE SCALE BAR
ATC PROJECT: # 15.44291.0004

DRAWING NO. FIG-3
SHT. OF
DATE: 08.25.13
REVISION No. 0

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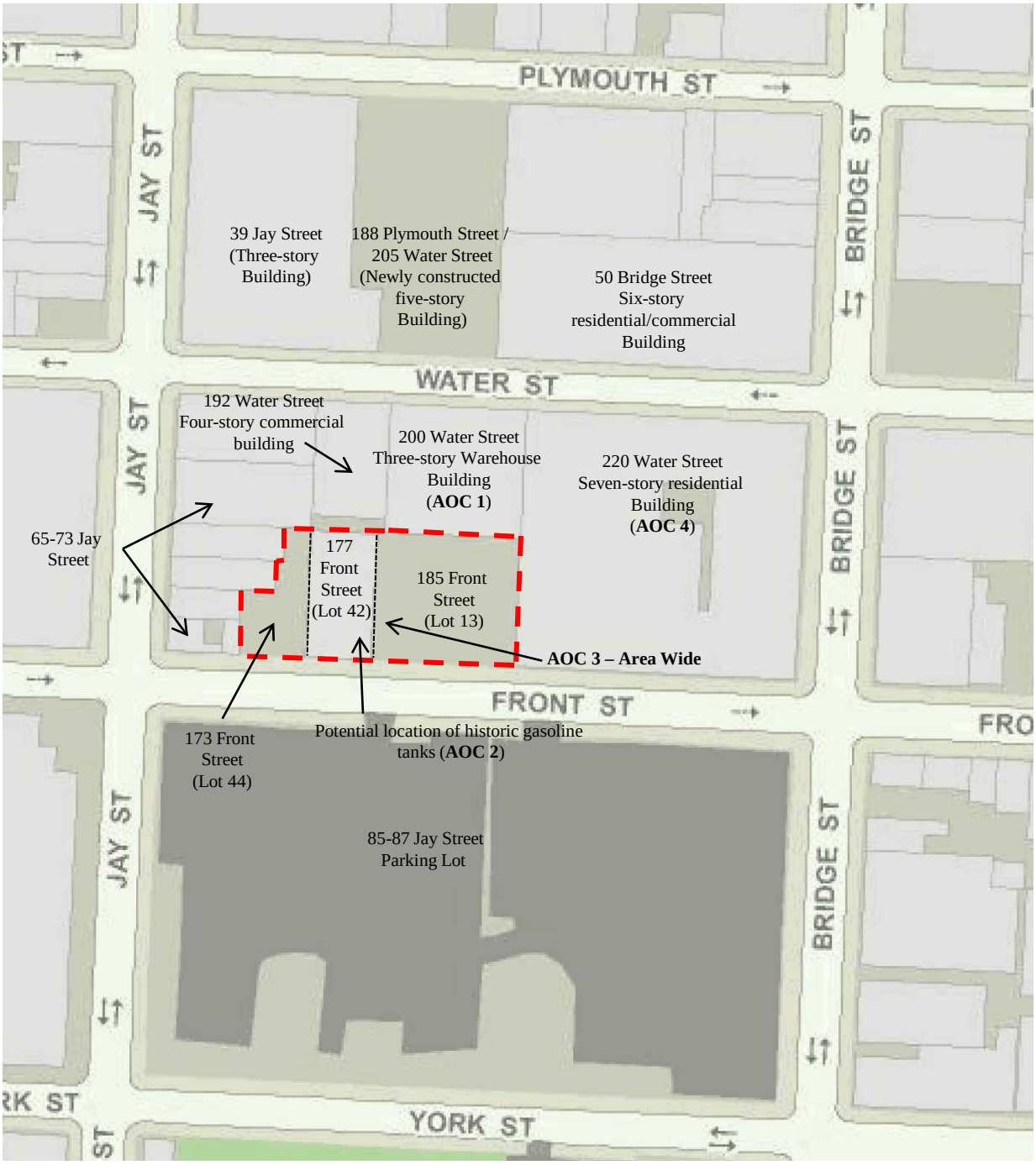


Source: http://gis.nyc.gov/doitt/nycitymap/

Cardno ATC
104 East 25th Street, 8th Floor
New York, NY 10010-2917
Phone (212) 353-8280 * Fax (212) 979-8447

N

LEGEND:

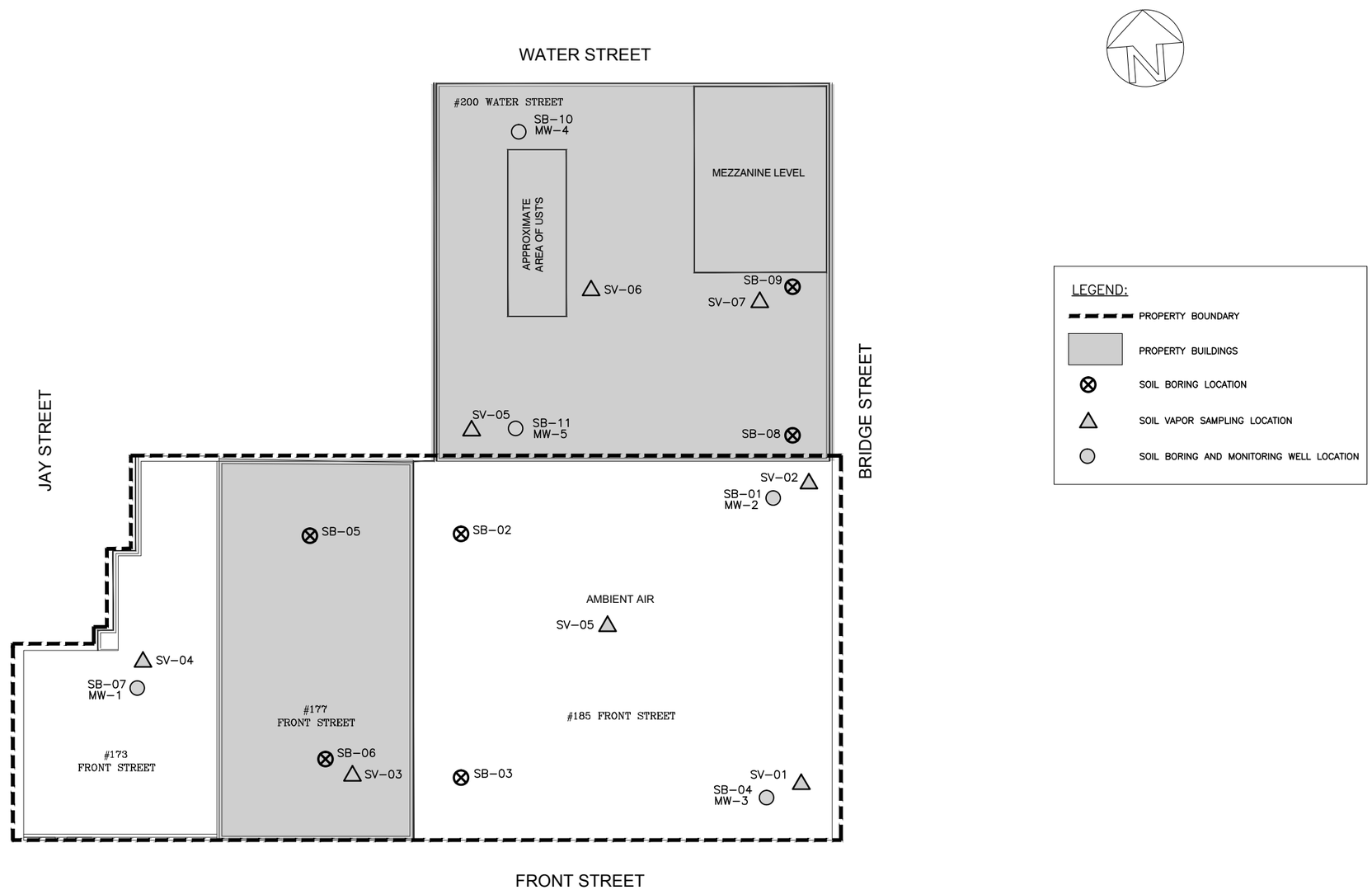
- - - - - Property Boundary (approx.)

---------- Lot Lines (approx.)

FIGURE 4 – Site Plan and Surrounding Land Use

Name: Dumbo Assemblage
Address: 173, 177 and 185 Front Street
Brooklyn, New York 11211
Project No. 015.44291.0004
Approximate Scale:

0' 100'



CLIENT:
DUMBO ASSEMBLAGE LLC
ADDRESS:
22 CORTLAND STREET
16TH FLOOR
NEW YORK, NY 10007

SITE ADDRESS:
177 FRONT STREET
BROOKLYN, NY 11201

Cardno ATC
Shaping the Future
104 EAST 25th STREET, 10th FLOOR NEW YORK, NY 10010
TEL: (212) 353-8280 FAX: (212) 353-8306

DRAWING BY: M. SVERDEL
INSPECTED BY: J. MYERS
DESIGNED BY: J. MYERS
CHECKED BY:

DRAWING TITLE:
SAMPLING LOCATION PLAN

SCALE
SEE SCALE BAR

ATC PROJECT: # 15.44291.0004

DRAWING NO. FIG-5
SHT. OF
DATE: 08.25.13
REVISION No. 0

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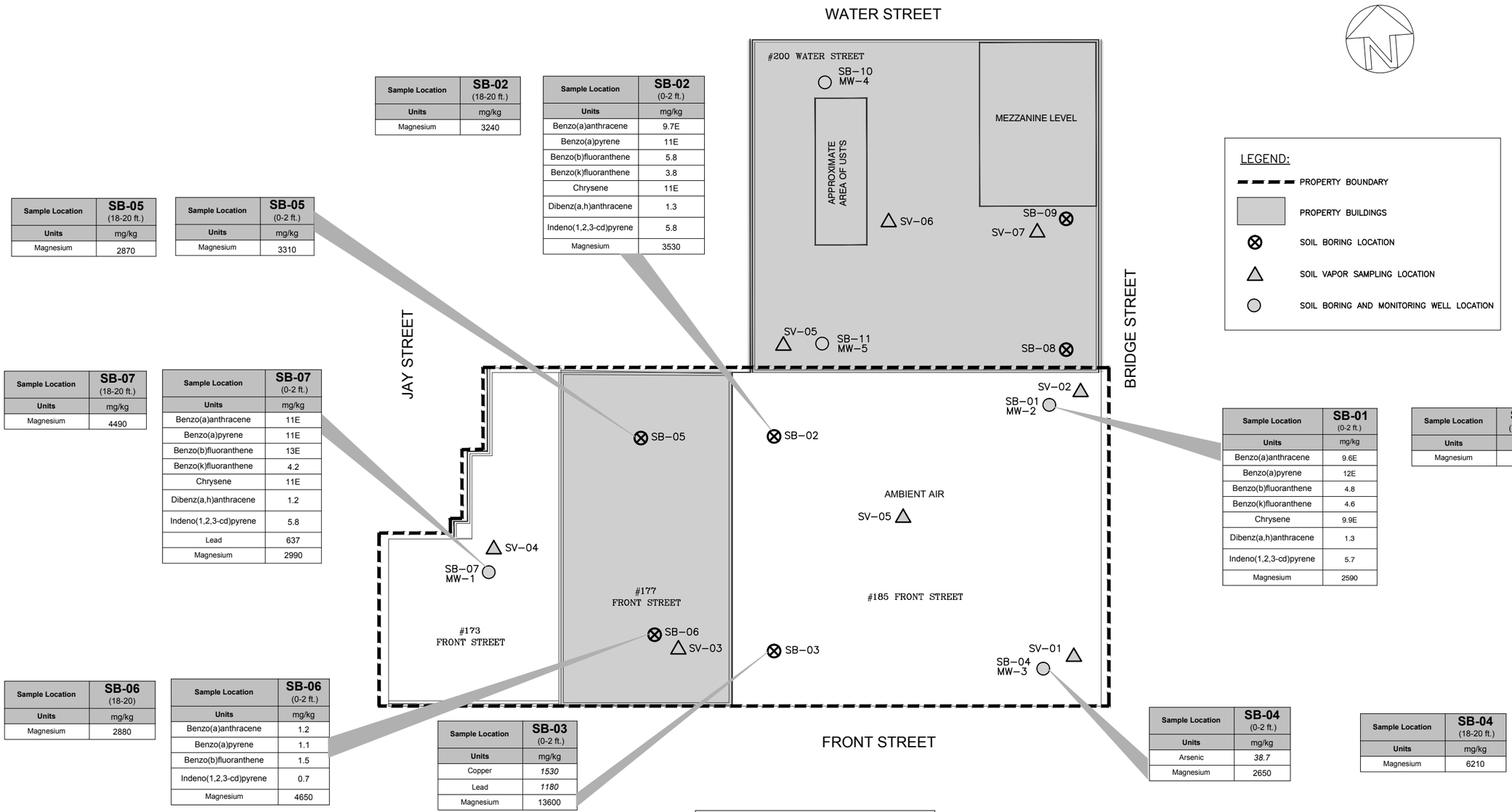

Sample Location	SB-02 (18-20 ft.)
Units	mg/kg
Magnesium	3240

Sample Location	SB-02 (0-2 ft.)
Units	mg/kg
Benzo(a)anthracene	9.7E
Benzo(a)pyrene	11E
Benzo(b)fluoranthene	5.8
Benzo(k)fluoranthene	3.8
Chrysene	11E
Dibenz(a,h)anthracene	1.3
Indeno(1,2,3-cd)pyrene	5.8
Magnesium	3530

Sample Location	SB-05 (18-20 ft.)
Units	mg/kg
Magnesium	2870

Sample Location	SB-05 (0-2 ft.)
Units	mg/kg
Magnesium	3310

Sample Location	SB-07 (18-20 ft.)
Units	mg/kg
Magnesium	4490

Sample Location	SB-07 (0-2 ft.)
Units	mg/kg
Benzo(a)anthracene	11E
Benzo(a)pyrene	11E
Benzo(b)fluoranthene	13E
Benzo(k)fluoranthene	4.2
Chrysene	11E
Dibenz(a,h)anthracene	1.2
Indeno(1,2,3-cd)pyrene	5.8
Lead	637
Magnesium	2990

Sample Location	SB-01 (0-2 ft.)
Units	mg/kg
Benzo(a)anthracene	9.6E
Benzo(a)pyrene	12E
Benzo(b)fluoranthene	4.8
Benzo(k)fluoranthene	4.6
Chrysene	9.9E
Dibenz(a,h)anthracene	1.3
Indeno(1,2,3-cd)pyrene	5.7
Magnesium	2590

Sample Location	SB-01 (18-20 ft.)
Units	mg/kg
Magnesium	*5170*

Sample Location	SB-06 (18-20)
Units	mg/kg
Magnesium	2880

Sample Location	SB-06 (0-2 ft.)
Units	mg/kg
Benzo(a)anthracene	1.2
Benzo(a)pyrene	1.1
Benzo(b)fluoranthene	1.5
Indeno(1,2,3-cd)pyrene	0.7
Magnesium	4650

Sample Location	SB-03 (0-2 ft.)
Units	mg/kg
Copper	*1530*
Lead	*1180*
Magnesium	13600

Sample Location	SB-04 (0-2 ft.)
Units	mg/kg
Arsenic	*38.7*
Magnesium	2650

Sample Location	SB-04 (18-20 ft.)
Units	mg/kg
Magnesium	6210

LEGEND:
mg/kg-MILLIGRAM PER KILOGRAM (PPM)
J - ESTIMATED VALUE
E - REPORTED VALUE IS ESTIMATED BECAUSE OF INTERFERENCE

CLIENT:
DUMBO ASSEMBLAGE LLC
ADDRESS:
22 CORTLAND STREET
16TH FLOOR
NEW YORK, NY 10007

SITE ADDRESS:
177 FRONT STREET
BROOKLYN, NY 11201

Cardno ATC
Shaping the Future
104 EAST 25th STREET, 10th FLOOR NEW YORK, NY 10010
TEL: (212) 353-8280 FAX: (212) 353-8306

DRAWING BY: M. SVERDEL
INSPECTED BY: J. MYERS
DESIGNED BY: J. MYERS
CHECKED BY:

DRAWING TITLE:
SOIL CONCENTRATIONS EXCEEDING THE NYSDEC PART 375-6.8 TRACK 2 SOIL CLEANUP OBJECTIVES

SCALE: SEE SCALE BAR
ATC PROJECT: # 15.44291.0004

DRAWING NO. FIG-6
SHT. OF
DATE: 08.25.13
REVISION No. 0

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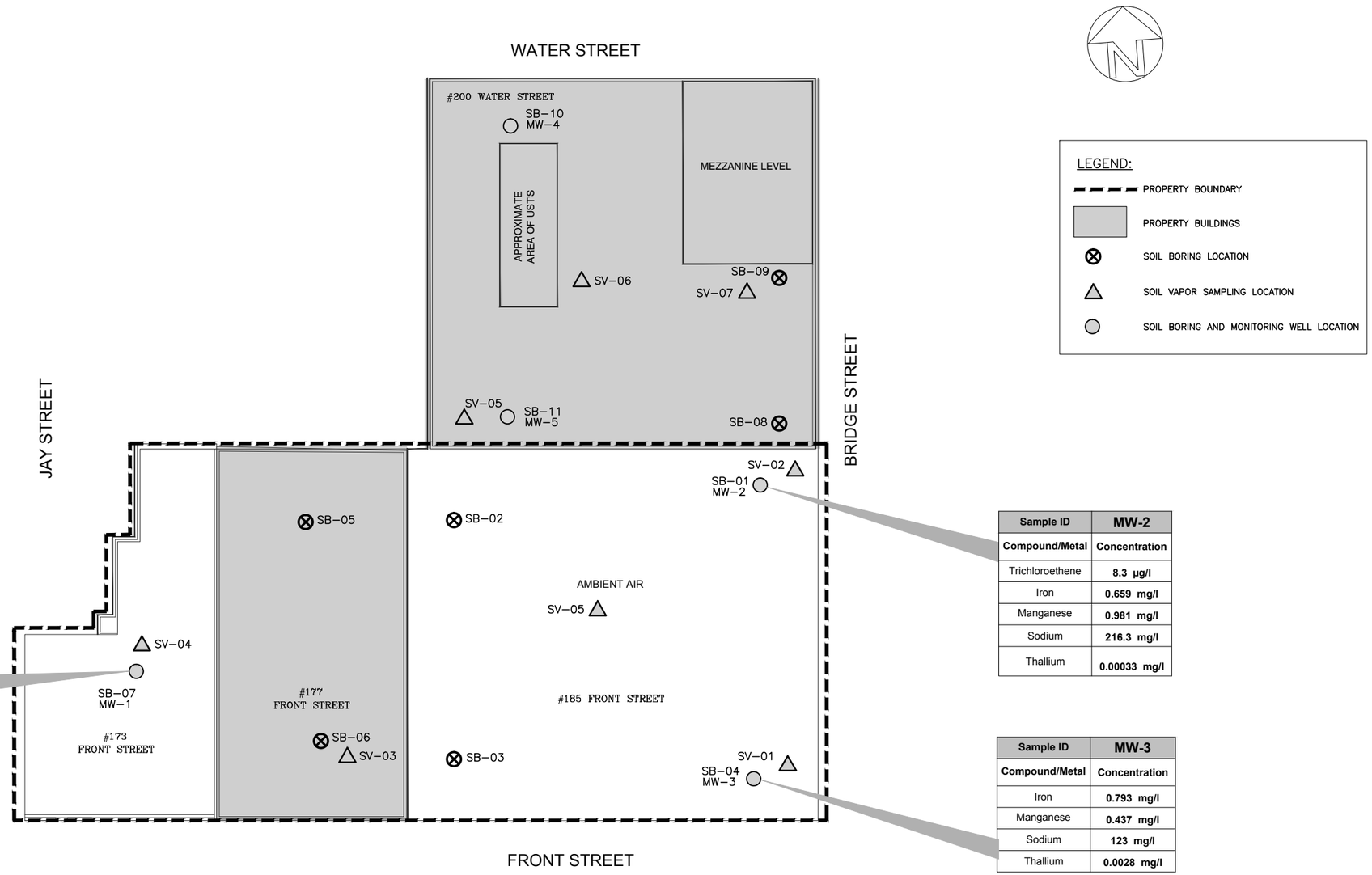

Sample ID	MW-1
Compound/Metal	Concentration
Iron	0.875 mg/l
Manganese	1.48 mg/l
Sodium	86.1 mg/l
Thallium	0.00056 mg/l

Sample ID	MW-2
Compound/Metal	Concentration
Trichloroethene	8.3 µg/l
Iron	0.659 mg/l
Manganese	0.981 mg/l
Sodium	216.3 mg/l
Thallium	0.00033 mg/l

Sample ID	MW-3
Compound/Metal	Concentration
Iron	0.793 mg/l
Manganese	0.437 mg/l
Sodium	123 mg/l
Thallium	0.0028 mg/l

CLIENT:
DUMBO ASSEMBLAGE LLC
ADDRESS:
22 CORTLAND STREET
16TH FLOOR
NEW YORK, NY 10007

SITE ADDRESS:
177 FRONT STREET
BROOKLYN, NY 11201

Cardno ATC
Shaping the Future
104 EAST 25th STREET, 10th FLOOR NEW YORK, NY 10010
TEL: (212) 353-8280 FAX: (212) 353-8306

DRAWING BY: M. SVERDEL
INSPECTED BY: J. MYERS
DESIGNED BY: J. MYERS
CHECKED BY:

DRAWING TITLE:
GROUNDWATER CONCENTRATIONS EXCEEDING NYSDEC PART 703 AND/OR TOGS GROUNDWATER STANDARD/ GUIDANCE VALUE

SCALE
SEE SCALE BAR

ATC PROJECT: # 15.44291.0004

DRAWING NO. FIG-7
SHT. OF
DATE: 08.25.13
REVISION No. 0

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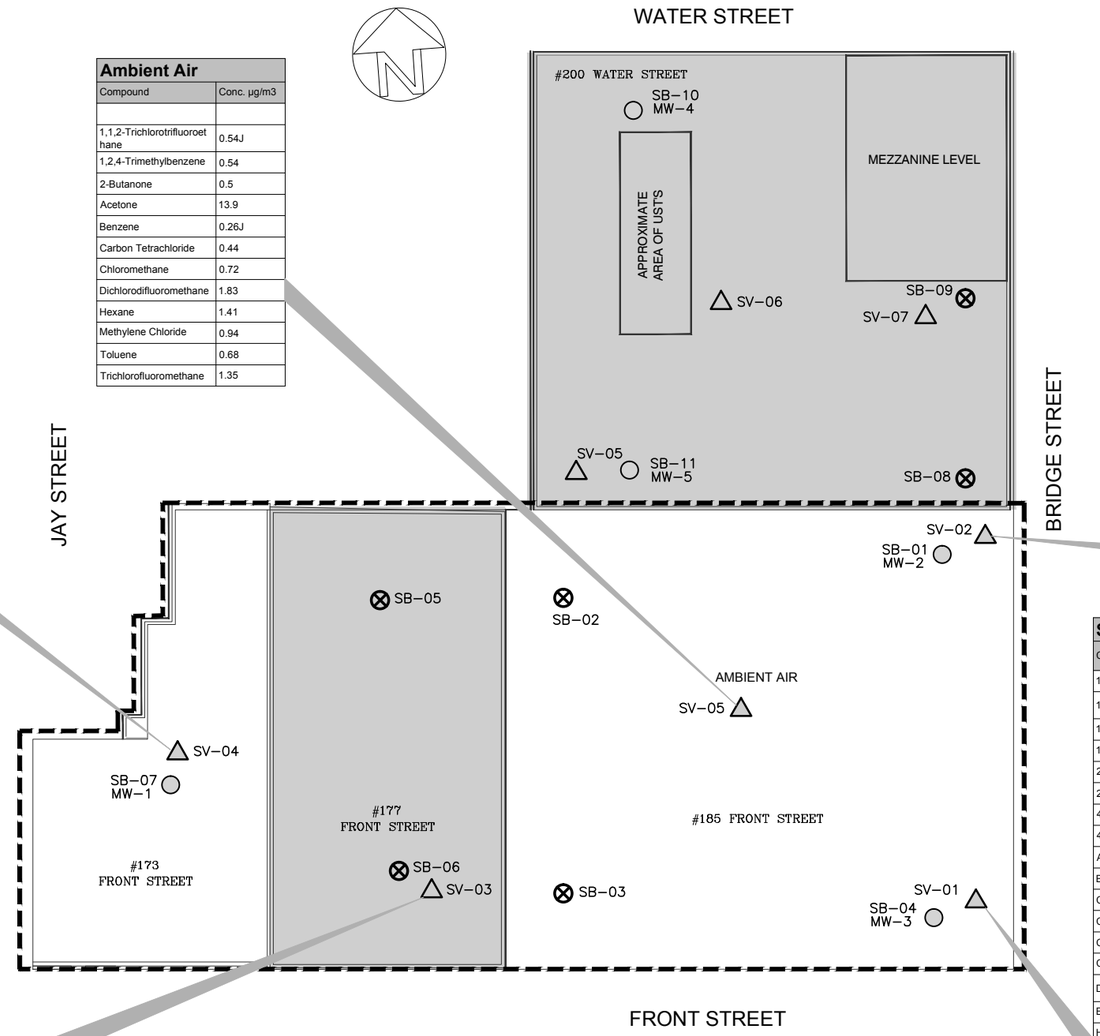
LEGEND:

- PROPERTY BOUNDARY
- PROPERTY BUILDINGS
- SOIL BORING LOCATION
- SOIL VAPOR SAMPLING LOCATION
- SOIL BORING AND MONITORING WELL LOCATION



Ambient Air

Compound	Conc. µg/m3
1,1,2-Trichlorotrifluoroethane	0.54J
1,2,4-Trimethylbenzene	0.54
2-Butanone	0.5
Acetone	13.9
Benzene	0.26J
Carbon Tetrachloride	0.44
Chloromethane	0.72
Dichlorodifluoromethane	1.83
Hexane	1.41
Methylene Chloride	0.94
Toluene	0.68
Trichlorofluoromethane	1.35

SV-02

Compound	Conc. µg/m3
1,1,1-Trichloroethane	15.9
1,1,2-Trichlorotrifluoroethane	0.54
1,2,4-Trimethylbenzene	99.3D
1,3,5-Trimethylbenzene	36.7
2,2,4-Trimethylpentane	4.25
2-Butanone	10.7
4-Ethyltoluene	45.3
4-Methyl-2-Pentanone	4.43
Acetone	470D
Benzene	11
Carbon Disulfide	1.68
Carbon Tetrachloride	0.88
Chloroform	1.66
Cyclohexane	3.27
Dichlorodifluoromethane	1.73
Ethyl Benzene	56.9
Heptane	27.8
Hexane	22.8
m/p-Xylene	187D
Methylene Chloride	4.06
o-Xylene	59.9D
Styrene	2.51
tert-Butyl alcohol	15.3
Tetrachloroethene	174D
Toluene	165D
Trichloroethene	25
Trichlorofluoromethane	4.89

SV-04

Compound	Conc. µg/m3
1,1,1-Trichloroethane	0.76
1,1,2-Trichlorotrifluoroethane	0.61J
1,2,4-Trimethylbenzene	64.4
1,3,5-Trimethylbenzene	20.1
1,4-Dichlorobenzene	18.70
2-Butanone	17.40
4-Ethyltoluene	29.20
4-Methyl-2-Pentanone	3.57
Acetone	1199D
Benzene	9.74
Carbon Disulfide	0.59
Carbon Tetrachloride	0.69
Cyclohexane	2.68
Dichlorodifluoromethane	2.57
Ethyl Benzene	48.6
Heptane	27.8
Hexane	17.2
m/p-Xylene	182D
Methylene Chloride	2.5
o-Xylene	52.6
Styrene	1.83
tert-Butyl alcohol	20.8
Tetrachloroethene	138D
Toluene	208D
Trichloroethene	195D

SV-03

Compound	Conc. µg/m3
1,1,1-Trichloroethane	25.2
1,1,2-Trichlorotrifluoroethane	0.61
1,2,4-Trimethylbenzene	102D
1,3,5-Trimethylbenzene	33.4
2-Butanone	3.57
4-Ethyltoluene	49.6
4-Methyl-2-Pentanone	4.39
Acetone	97.9D
Benzene	10.50
Carbon Disulfide	1.15
Carbon Tetrachloride	2.33
Chloroform	6.49
Chloromethane	0.29
Cyclohexane	2.72
Dichlorodifluoromethane	2.42
Ethyl Benzene	59.1
Heptane	27
Hexane	15.6
m/p-Xylene	192D
Methylene Chloride	2.68
o-Xylene	59.9D
Styrene	2.38
tert-Butyl alcohol	7.7
Tetrachloroethene	155D
Tetrahydrofuran	1.24
Toluene	181D
Trichloroethene	302D
Trichlorofluoromethane	3.54

SV - 01

Compound	Conc. µg/m3
1,1,1-Trichloroethane	37.5
1,1,2-Trichlorotrifluoroethane	0.61J
1,2,4-Trimethylbenzene	94.9D
1,3,5-Trimethylbenzene	30.4
2,2,4-Trimethylpentane	5.98
2-Butanone	14.7
4-Ethyltoluene	43.1
4-Methyl-2-Pentanone	6.35
Acetone	738D
Benzene	9.46
Carbon Disulfide	8.19
Carbon Tetrachloride	4.28
Chloroform	7.37
Cyclohexane	2.72
Dichlorodifluoromethane	2.67
Ethyl Benzene	57.3
Heptane	26.8
Hexane	15.7
m/p-Xylene	190D
Methylene Chloride	2.85
o-Xylene	59.1D
Styrene	2.17
tert-Butyl alcohol	16.4
Tetrachloroethene	145D
Toluene	181D
Trichloroethene	46.5
Trichlorofluoromethane	4.4

NOTE:

ug/m3 - MICROGRAMS PER CUBIC METER OF AIR

J - THE CONCENTRATION GIVEN IS AN APPROXIMATE VALUE.

D - THE REPORTED VALUE IS FROM A SECONDARY ANALYSIS WITH A DILUTION FACTOR. THE ORIGINAL ANALYSIS EXCEEDED THE CALIBRATION RANGE.

CLIENT:
DUMBO ASSEMBLAGE LLC
ADDRESS:
22 CORTLAND STREET
16TH FLOOR
NEW YORK, NY 10007

SITE ADDRESS:
177 FRONT STREET
BROOKLYN, NY 11201

Cardno ATC
Shaping the Future
104 EAST 25th STREET, 10th FLOOR NEW YORK, NY 10010
TEL: (212) 353-8280 FAX: (212) 353-8306

DRAWING BY: M. SVERDEL
INSPECTED BY: J. MYERS
DESIGNED BY: J. MYERS
CHECKED BY:

DRAWING TITLE:
SOIL VAPOR CONCENTRATIONS MEASURED ON JULY 11, 2012

SCALE: SEE SCALE BAR
ATC PROJECT: # 15.44291.0004

DRAWING NO. FIG-8
SHT. OF
DATE: 08.25.13
REVISION No. 0

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TABLES

TABLE 1
SUMMARY OF VOCS IN SOIL
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**CAS#**	**Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg**	**Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg**	**CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg**	SB-01 (0-2)	SB-01 (18-20)	SB-02 (0-2)	SB-02 (18-20)	SB-03 (0-2)	SB-03 (18-20)	SB-04 (0-2)	SB-04 (18-20)
Lab Sample ID					D3340-01	D3340-02	D3340-03	D3340-04	D3340-05	D3340-06	D3340-07	D3340-08
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					1.5-2	19.5-20	1.5-2	19.5-20	1.5-2	19.5-20	1.5-2	19.5-20
Matrix					Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
VOCs												
1,1,1-Trichloroethane	71-55-6	0.68	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	35	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	76-13-1	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.27	26	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	0.33	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	106-93-4	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	1.1	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.02	3.1	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	78-87-5	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.4	49	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	1.8	13	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	123-91-1	0.1	13	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	78-93-3	0.12	100	100	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	591-78-6	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	108-10-1	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	67-64-1	0.05	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	71-43-2	0.06	4.8	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	74-97-5	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	75-27-4	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	75-25-2	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	74-83-9	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	75-15-0	NS	NS	100	ND	ND	ND	ND	0.0021J	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.76	2.4	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	1.1	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	75-00-3	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	0.37	49	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	74-87-3	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	0.25	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	110-82-7	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	124-48-1	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	75-71-8	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	100-41-4	1	41	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	98-82-8	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	179601-23-1	0.26	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	79-20-9	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	1634-04-4	0.05	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl Ether	108-87-2	0.93	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	75-09-2	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	95-47-6	0.26	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	100-42-5	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	10061-02-6	1.3	19	NS	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	127-18-4	0.7	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	108-88-3	0.19	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	156-60-5	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	0.47	21	NS	ND	ND	0.003J	ND	0.061	ND	ND	ND
Trichlorofluoromethane	75-69-4	NS	NS	NS	ND	ND	ND	ND	0.017J	ND	ND	ND
Vinyl Chloride	75-01-4	0.02	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND

NOTE:
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection level
J - Estimated Value
NA - Not analyzed
NS- No Standard
BOLD = Concentration exceeds CP-51 SSCOs
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline: = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs

TABLE 1 (Cont.)
SUMMARY OF VOCS IN SOIL
DUMBO ASSEMBLAGE
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	CAS#	Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg	Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg	CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg	SB-05 (0-2)	SB-05 (18-20)	SB-06 (0-2)	SB-06 (18-20)	SB-07 (0-2)	SB-07 (18-20)
Lab Sample ID					D3340-09	D3340-10	D3340-11	D3340-12	D3340-13	D3340-14
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					1.5-2	19.5-20	1.5-2	19.0-19.5	1.5-2	19.5-20
Matrix					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
VOCs										
1,1,1-Trichloroethane	71-55-6	0.68	100	NS	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	35	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	76-13-1	NS	NS	100	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.27	26	NS	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	0.33	100	NS	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	106-93-4	NS	NS	NS	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	1.1	100	NS	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.02	3.1	NS	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	78-87-5	NS	NS	NS	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.4	49	NS	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	1.8	13	NS	ND	ND	ND	ND	ND	ND
1,4-Dioxane	123-91-1	0.1	13	NS	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	78-93-3	0.12	100	100	ND	ND	ND	ND	ND	ND
2-Hexanone	591-78-6	NS	NS	NS	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	108-10-1	NS	NS	NS	ND	ND	ND	ND	ND	ND
Acetone	67-64-1	0.05	100	NS	ND	ND	ND	ND	ND	ND
Benzene	71-43-2	0.06	4.8	NS	ND	ND	ND	ND	ND	ND
Bromochloromethane	74-97-5	NS	NS	NS	ND	ND	ND	ND	ND	ND
Bromodichloromethane	75-27-4	NS	NS	NS	ND	ND	ND	ND	ND	ND
Bromoform	75-25-2	NS	NS	NS	ND	ND	ND	ND	ND	ND
Bromomethane	74-83-9	NS	NS	NS	ND	ND	ND	ND	ND	ND
Carbon Disulfide	75-15-0	NS	NS	100	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.76	2.4	NS	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	1.1	100	NS	ND	ND	ND	ND	ND	ND
Chloroethane	75-00-3	NS	NS	NS	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	0.37	49	NS	ND	ND	ND	ND	ND	ND
Chloromethane	74-87-3	NS	NS	NS	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	0.25	100	NS	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	ND	ND	ND	ND	ND	ND
Cyclohexane	110-82-7	NS	NS	NS	ND	ND	ND	ND	ND	ND
Dibromochloromethane	124-48-1	NS	NS	NS	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	75-71-8	NS	NS	NS	ND	ND	ND	ND	ND	ND
Ethyl Benzene	100-41-4	1	41	NS	ND	ND	ND	ND	ND	ND
Isopropylbenzene	98-82-8	NS	NS	100	ND	ND	ND	ND	ND	ND
m/p-Xylenes	179601-23-1	0.26	100	NS	ND	ND	ND	ND	ND	ND
Methyl Acetate	79-20-9	NS	NS	NS	ND	ND	ND	ND	ND	ND
Methylene Chloride	1634-04-4	0.05	100	NS	ND	ND	ND	ND	ND	ND
Methyl tert-butyl Ether	108-87-2	0.93	100	NS	ND	ND	ND	ND	ND	ND
Methylcyclohexane	75-09-2	NS	NS	NS	ND	ND	ND	1.1	ND	ND
o-Xylene	95-47-6	0.26	100	NS	ND	ND	ND	ND	ND	ND
Styrene	100-42-5	NS	NS	NS	ND	ND	ND	ND	ND	ND
Tetrachloroethene	10061-02-6	1.3	19	NS	ND	ND	ND	ND	ND	ND
Toluene	127-18-4	0.7	100	NS	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	108-88-3	0.19	100	NS	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	156-60-5	NS	NS	NS	ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	0.47	21	NS	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	75-69-4	NS	NS	NS	ND	ND	ND	ND	ND	ND
Vinyl Chloride	75-01-4	0.02	NS	NS	ND	ND	ND	ND	ND	ND

NOTE:
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection level
J - Estimated Value
NA - Not analyzed
NS- No Standard
BOLD = Concentration exceeds CP-51 SSCOs
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline: = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs

TABLE 2
SUMMARY OF SVOCS IN SOIL
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	CAS #	Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg	Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg	CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg	SB-01 (0-2)	SB-01 (18-20)	SB-02 (0-2)	SB-02 (18-20)	SB-03(0-2)	SB-03 (18-20)	SB-04 (0-2)	SB-04 (18-20)
Lab Sample ID					D3340-01	D3340-02	D3340-03	D3340-04	D3340-05	D3340-06	D3340-07	D3340-08
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					0-2	18-20	0-2	18-20	0-2	18-20	0-2	18-20
Matrix					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	Soil
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
SVOCs												
1,1-Biphenyl	92-52-4	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,2-oxybis(1-Chloropropane)	108-60-1	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	95-95-4	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	120-83-2	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	105-67-9	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	51-28-5	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	606-20-2	NS	NS	1.03	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	91-58-7	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	95-57-8	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NS	NS	0.41	ND	ND	**0.51J**	ND	ND	ND	ND	ND
2-Methylphenol	95-48-7	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	88-74-4	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	88-75-5	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	91-94-1	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
3+4-Methylphenols	65794-96-9	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	99-09-2	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	534-52-1	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	101-55-3	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	59-50-7	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	106-47-8	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	7005-72-3	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	100-01-6	NS	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	100-02-7	NS	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	83-32-9	20	100	NS	ND	ND	1.6	ND	ND	ND	ND	ND
Acenaphthylene	208-96-8	100	100	NS	0.91J	ND	ND	ND	ND	ND	ND	ND
Acetophenone	98-86-2	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	100	100	NS	1.3		4.4	ND	ND	ND	ND	ND
Atrazine	1912-24-9	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	100-52-7	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	56-55-3	100	100	NS	11E	ND	11E	ND	ND	ND	ND	ND
Benzo(a)anthracene	50-32-8	1	1	NS	9.6E	ND	9.7E	ND	ND	ND	ND	ND
Benzo(a)pyrene	205-99-2	1	1	NS	12E	ND	11E	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	191-24-2	1	1	NS	4.8	ND	5.8	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	207-08-9	0.8	3.9	NS	4.6	ND	3.8	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	111-91-1	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	111-44-4	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	117-81-7	NS	NS	50	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	85-68-7	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	105-60-2	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	86-74-8	NS	NS	NS	ND	ND	0.99J	ND	ND	ND	ND	ND
Chrysene	218-01-9	1	3.9	NS	9.9E	ND	11E	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	NS	1.3	ND	1.3	ND	ND	ND	ND	ND
Dibenzofuran	132-64-9	NS	NS	NS	ND	ND	1J	ND	ND	ND	ND	ND
Diethylphthalate	84-66-2	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	131-11-3	NS	NS	100	0.49J	ND	1.4	0.38	1J	0.34J	0.4	0.39J
Di-n-butyl phthalate	84-74-2	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	117-84-0	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	100	100	NS	16E	ND	18E	ND	ND	ND	ND	ND
Fluorene	86-73-7	30	100	NS	ND	ND	1.8	ND	ND	ND	ND	ND
Hexachlorobenzene	118-74-1	NS	NS	0.41	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	87-68-3	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	67-72-1	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	NS	5.7	ND	5.8	ND	ND	ND	ND	ND
Isophorone	78-59-1	NS	NS	100	ND	ND		ND	ND	ND	ND	ND
Naphthalene	91-20-3	12	100	NS	ND	ND	0.76J	ND	ND	ND	ND	ND
Nitrobenzene	98-95-3	NS	NS	3.7	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	621-64-7	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	86-30-6	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	87-86-5	0.8	6.7	NS	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85-01-8	100	100	NS	3.3	ND	16E	ND	ND	ND	ND	ND
Phenol	108-95-2	0.33	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	129-00-0	100	100	NS	16E	ND	19E	ND	ND	ND	ND	ND

NOTE:
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection level
NA - Not analyzed
NS- No Standard
J - Estimated Value
E - Reported value is estimated because of interference
BOLD = Concentration exceeds CP-51 SSCOs
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline: = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs

TABLE 2 (Cont.)
SUMMARY OF SVOCS IN SOIL
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	CAS #	Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg	Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg	CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg	SB-05 (0-2)	SB-05 (18-20)	SB-06 (0-2)	SB-06 (18-20)	SB-07 (0-2)	SB-07 (18-20)
Lab Sample ID					D3340-09	D3340-10	D3340-11	D3340-12	D3340-13	D3340-14
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					0-2	18-20	0-2	18-20	0-2	18-20
Matrix					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
SVOCs										
1,1-Biphenyl	92-52-4	NS	NS	NS	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	ND	ND	ND	ND	ND	ND
2,2-oxybis(1-Chloropropane)	108-60-1	NS	NS	NS	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	95-95-4	NS	NS	100	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	120-83-2	NS	NS	100	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	105-67-9	NS	NS	NS	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	51-28-5	NS	NS	100	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	606-20-2	NS	NS	1.03	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	91-58-7	NS	NS	NS	ND	ND	ND	ND	ND	ND
2-Chlorophenol	95-57-8	NS	NS	100	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NS	NS	0.41	ND	ND	ND	ND	ND	ND
2-Methylphenol	95-48-7	NS	NS	NS	ND	ND	ND	ND	ND	ND
2-Nitroaniline	88-74-4	NS	NS	NS	ND	ND	ND	ND	ND	ND
2-Nitrophenol	88-75-5	NS	NS	NS	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	91-94-1	NS	NS	NS	ND	ND	ND	ND	ND	ND
3+4-Methylphenols	65794-96-9	NS	NS	NS	ND	ND	ND	ND	ND	ND
3-Nitroaniline	99-09-2	NS	NS	NS	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	534-52-1	NS	NS	NS	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	101-55-3	NS	NS	NS	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	59-50-7	NS	NS	NS	ND	ND	ND	ND	ND	ND
4-Chloroaniline	106-47-8	NS	NS	100	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	7005-72-3	NS	NS	NS	ND	ND	ND	ND	ND	ND
4-Nitroaniline	100-01-6	NS	100	NS	ND	ND	ND	ND	ND	ND
4-Nitrophenol	100-02-7	NS	100	NS	ND	ND	ND	ND	ND	ND
Acenaphthene	83-32-9	20	100	NS	ND	ND	ND	ND	ND	ND
Acenaphthylene	208-96-8	100	100	NS	ND	ND	ND	ND	0.52J	ND
Acetophenone	98-86-2	NS	NS	NS	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	100	100	NS	ND	ND	0.39	ND	1.5	ND
Atrazine	1912-24-9	NS	NS	NS	ND	ND	ND	ND	ND	ND
Benzaldehyde	100-52-7	NS	NS	NS	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	56-55-3	100	100	NS	ND	ND	1.2	ND	11E	ND
Benzo(a)anthracene	50-32-8	1	1	NS	ND	ND	1.2	ND	11E	ND
Benzo(a)pyrene	205-99-2	1	1	NS	ND	ND	1.1	ND	11E	ND
Benzo(b)fluoranthene	191-24-2	1	1	NS	ND	ND	1.5	ND	13E	ND
Benzo(k)fluoranthene	207-08-9	0.8	3.9	NS	ND	ND	0.6	ND	4.2	ND
bis(2-Chloroethoxy)methane	111-91-1	NS	NS	NS	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	111-44-4	NS	NS	NS	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	117-81-7	NS	NS	50	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	85-68-7	NS	NS	100	ND	ND	ND	ND	ND	ND
Caprolactam	105-60-2	NS	NS	NS	ND	ND	ND	ND	ND	ND
Carbazole	86-74-8	NS	NS	NS	ND	ND	0.21J	ND	ND	ND
Chrysene	218-01-9	1	3.9	NS	ND	ND	1.3	ND	11E	ND
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	NS	ND	ND	0.15J	ND	1.2	ND
Dibenzofuran	132-64-9	NS	NS	NS	ND	ND	ND	ND	ND	ND
Diethylphthalate	84-66-2	NS	NS	100	ND	ND	ND	ND	ND	ND
Dimethylphthalate	131-11-3	NS	NS	100	0.3J	0.29J	0.48	0.52	0.98J	0.49
Di-n-butyl phthalate	84-74-2	NS	NS	100	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	117-84-0	NS	NS	100	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	100	100	NS	ND	ND	2.5	ND	15E	ND
Fluorene	86-73-7	30	100	NS	ND	ND	0.16J	ND	ND	ND
Hexachlorobenzene	118-74-1	NS	NS	0.41	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	87-68-3	NS	NS	NS	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	ND	ND	ND	ND	ND	ND
Hexachloroethane	67-72-1	NS	NS	NS	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	NS	ND	ND	0.66	ND	5.8	ND
Isophorone	78-59-1	NS	NS	100	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	12	100	NS	ND	ND	0.19J	ND	ND	ND
Nitrobenzene	98-95-3	NS	NS	3.7	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	621-64-7	NS	NS	NS	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	86-30-6	NS	NS	NS	ND	ND	ND	ND	ND	ND
Pentachlorophenol	87-86-5	0.8	6.7	NS	ND	ND	ND	ND	ND	ND
Phenanthrene	85-01-8	100	100	NS	ND	ND	2	ND	4.7	ND
Phenol	108-95-2	0.33	100	NS	ND	ND	ND	ND	ND	ND
Pyrene	129-00-0	100	100	NS	ND	ND	2.1	ND	16E	ND

NOTE:
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection level
NA - Not analyzed
NS- No Standard
J - Estimated Value
E - Reported value is estimated because of interference
BOLD = Concentration exceeds CP-51 SSCOs
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline: = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs

TABLE 3
SUMMARY OF METALS IN SOIL
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg**	**Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg**	**CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg**	**Eastern USA Soil Background mg/kg**	SB-01(0-2)	SB-01 (18-20)	SB-02 (0-2)	SB-02 (18-20)	SB-03 (0-2)	SB-04 (0-2)	SB-04 (18-20)
Lab Sample ID					D3340-01	D3340-02	D3340-03	D3340-04	D3340-05	D3340-07	D3340-08
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					0-2	18-20	0-2	18-20	0-2	0-2	18-20
Matrix					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Metals											
Aluminum	NS	NS	NS	33000	4930	6160	7520	6600	7950	5890	6320
Antimony	NS	NS	NS	NS	ND	ND	ND	ND	2.98	1.65J	
Arsenic	13	16	NS	3 - 12	10.5	2.57	8.1	1.77	*12.7*	*38.7*	2.82
Barium	350	400	NS	15 - 600	89	41.9	193	54.3	276	57	40.5
Beryllium	7.2	72	NS	0 - 1.75	0.38	0.39	0.52	0.4	*12.2*	0.32	0.4
Cadmium	2.5	4.3	NS	0.1-1		0.07J	0.22J	0.09J	*2.81*	0.62	0.31
Calcium	NS	NS	NS	130 - 35,000	2220	10400	9330	767	19400	3800	8810
Chromium	30	180	NS	1.5 - 40	13.4	12.8	26	15.2	*141*	16.5	15
Cobalt	NS	NS	30	2.5 - 60	7.03	6.73	9.79	8.67	**126**	6.58	7.24
Copper	50	270	NS	1-50	44.5	14.8	*72.2*	18.4	*1530*	19.1	14.1
Iron	NS	NS	2,000	2,000 - 55,000	**19100**	**12800**	**16700**	**13300**	**46400**	**22800**	**12800**
Lead	63	400	NS	200 - 500(+)	172N*	5.79N*	387N*	4.63N*	*1180N**	39.2N*	6.02N*
Magnesium	1,600	2,000	NS	100 - 5,000	2590	*5170*	3530	3240	***13600***	2650	6210
Manganese	NS	NS	NS	50 - 5,000	282	325	659	294	552	156	307
Mercury	0.18	0.81	NS	0.001 - 0.2	0.256		0.463	0.005J	0.181	0.087	0.003J
Nickel	30	310	NS	0.5 - 25	19.7	19.3	24.5	17.7	269	15	30.1
Potassium	NS	NS	NS	8,500 - 43,000	1300	1790	1790	2580	1190	1980	1920
Selenium	3.9	180	NS	NS	ND	ND	0.4	ND	ND	ND	ND
Silver	2	180	NS	NS	ND	ND	ND	ND	ND	ND	ND
Sodium	NS	NS	NS	6,000 - 8,000		78.3J	113	18.8J	321	24.5J	274
Thallium	NS	NS	NS	NS	0.53J	ND	ND	ND	3.44	ND	ND
Vanadium	NS	NS	100	1 - 300	23.5	17.1	23.7	21.8	20.1	20.3	18.1
Zinc	109	10,000	NS	50	*137*	28.9	*321*	48.9	ND	49.6	32.1

NOTE:
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection limit
SB - Site Background
NS - No Standard
* = For dual column analysis, the lowest quantified concentration is being reported due to coeluting interference
N = Presumptive Evidence of a Compound
BOLD = Concentration exceeds CP-51 SSCOs
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs
Italicize= Concentration exceeeds Eastern USA Soil Background

(+)Background Levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metrolpolitan or suburban areas or near highways are

TABLE 3 (Cont.)
SUMMARY OF METALS IN SOIL
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg**	**Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg**	**CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg**	**Eastern USA Soil Background mg/kg**	SB-05(0-2)	SB-05(18-20)	SB-06(0-2)	SB-06(18-20)	SB-07(0-2)	SB-07(18-20)
Lab Sample ID					D3340-09	D3340-10	D3340-11	D3340-12	D3340-13	D3340-14
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					0-2	18-20	0-2	18-20	0-2	18-20
Matrix					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Metals										
Aluminum	NS	NS	NS	33000	5690	3040	9890	7800	6300	4310
Antimony	NS	NS	NS	NS	ND	ND	ND	ND	1.42J	ND
Arsenic	13	16	NS	3 - 12	5.11	2.27	4.49	2.94	14.4	2.43
Barium	350	400	NS	15 - 600	40	25.9	77.8	52.2	92.8	40.2
Beryllium	7.2	72	NS	0 - 1.75	0.32	0.16J	0.47	0.52	0.38	0.28J
Cadmium	2.5	4.3	NS	0.1-1	0.2J	ND	0.53	0.3	0.7	0.12J
Calcium	NS	NS	NS	130 - 35,000	1960	5770	737	1170	7790	8820
Chromium	30	180	NS	1.5 - 40	11.5	5.69	24.2	16.8	15.5	10.9
Cobalt	NS	NS	30	2.5 - 60	6.07	3.6	9.04	8.1	6.93	5.23
Copper	50	270	NS	1-50	14.9	6.46	25.2	15.6	69.4	11.1
Iron	NS	NS	2,000	2,000 - 55,000	**11600**	**7160**	**18500**	**14600**	**14800**	**10000**
Lead	63	400	NS	200 - 500(+)	31N*	2.71N*	82.7N*	13N*	637N*	4.62N*
Magnesium	1,600	2,000	NS	100 - 5,000	3310	2870	4650	2880	2990	4490
Manganese	NS	NS	NS	50 - 5,000	245	205	309	253	289	244
Mercury	0.18	0.81	NS	0.001 - 0.2	0.099	ND	0.411	0.003J	0.355	ND
Nickel	30	310	NS	0.5 - 25	16.5	10.6	26.5	26.7	18.7	20.6
Potassium	NS	NS	NS	8,500 - 43,000	1470	659	2900	2020	1480	1320
Selenium	3.9	180	NS	NS	ND	0.68J	ND	ND	ND	ND
Silver	2	180	NS	NS	ND	ND	ND	ND	ND	ND
Sodium	NS	NS	NS	6,000 - 8,000	182	40.6J	52.8J	20.2J	30.4J	81.6J
Thallium	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND
Vanadium	NS	NS	100	1 - 300	16.1	8.45	31.5	23	19.6	14.5
Zinc	109	10,000	NS	50	39.3	16.2	*72.5*	30.1	*141*	23.7

NOTE:
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection limit
SB - Site Background
NS - No Standard
* = For dual column analysis, the lowest quantified concentration is being reported due to coeluting interference
N = Presumptive Evidence of a Compound
BOLD = Concentration exceeds CP-51 SSCOs
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs
Italicize= Concentration exceeeds Eastern USA Soil Background

(+)Background Levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metrolpolitan or suburban areas or near highways are

TABLE 4
SUMMARY OF PCBS IN SOIL
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**CAS #**	**Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg**	**Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg**	**CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg**	SB-01 (0-2)	SB-01 (18-20)	SB-02 (0-2)	SB-02 (18-20)	SB-03 (0-2)	SB-03 (18-20)	SB-04 (0-2)	SB-04(18-20)
Lab Sample ID					D3340-01	D3340-02	D3340-03	D3340-04	D3340-05	D3340-06	D3340-07	D3340-08
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Matrix					1	1	1	1	1	1	1	1
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PCBs												
Aroclor-1016	12674-11-2	0.1	1	NS	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	11104-28-2	0.1	1	NS	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	11141-16-5	0.1	1	NS	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	53469-21-9	0.1	1	NS	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	12672-29-6	0.1	1	NS	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	11097-69-1	0.1	1	NS	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	11096-82-5	0.1	1	NS	ND	ND	ND	ND	ND	ND	ND	ND

NOTE:
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection limit
SB - Site Background
NS - No Standard
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs

TABLE 4 (Cont.)
SUMMARY OF PCBS IN SOIL
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**CAS #**	**Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg**	**Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg**	**CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg**	SB-05(0-2)	SB-05(18-20)	SB-06(0-2)	SB-06(18-20)	SB-07(0-2)	SB-07(18-20)
Lab Sample ID					D3340-09	D3340-10	D3340-11	D3340-12	D3340-13	D3340-14
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Matrix					1	1	1	1	1	1
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PCBs										
Aroclor-1016	12674-11-2	0.1	1	NS	ND	ND	ND	ND	ND	ND
Aroclor-1221	11104-28-2	0.1	1	NS	ND	ND	ND	ND	ND	ND
Aroclor-1232	11141-16-5	0.1	1	NS	ND	ND	ND	ND	ND	ND
Aroclor-1242	53469-21-9	0.1	1	NS	ND	ND	ND	ND	ND	ND
Aroclor-1248	12672-29-6	0.1	1	NS	ND	ND	ND	ND	ND	ND
Aroclor-1254	11097-69-1	0.1	1	NS	ND	ND	ND	ND	ND	ND
Aroclor-1260	11096-82-5	0.1	1	NS	ND	ND	ND	ND	ND	ND

NOTE:
mg/kg - milligram per kilogram (ppm)
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SB - Site Background
NS - No Standard
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs

TABLE 5
SUMMARY OF PESTICIDES IN SOIL
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**CAS #**	**Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg**	**Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg**	**CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg**	SB-01 (0-2)	SB-01 (18-20)	SB-02 (0-2)	SB-02 (18-20)	SB-03 (0-2)	SB-03 (18-20)	SB-04 (0-2)	SB-04 (18-20)
Lab Sample ID					D3340-01	D3340-02	D3340-03	D3340-04	D3340-05	D3340-06	D3340-07	D3340-08
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					0-2	18-20	0-2	18-20	0-2	18-20	0-2	18-20
Matrix					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PESTICIDES												
4,4'-DDD	72-54-8	0.0033	13	NS	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	72-55-9	0.0033	8.9	NS	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	50-29-3	0.0033	7.9	NS	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	309-00-2	0.005	0.097	NS	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	319-84-6	0.02	0.48	NS	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	5103-71-9	0.036	0.36	NS	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-Chlordane	319-85-7	0.094	4.2	NS	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	319-86-8	0.04	100	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	60-57-1	0.005	0.2	NS	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	959-98-8	2.4	24	NS	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	33213-65-9	2.4	24	NS	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	1031-07-8	2.4	24	NS	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	72-20-8	0.014	11	NS	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Aldehyde	7421-93-4	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Ketone	53494-70-5	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	58-89-9	0.1	1.3	NS	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-Chlordane	5103-74-2	NS	NS	0.54	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	76-44-8	0.042	2.1	NS	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	1024-57-3	NS	NS	0.077	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	72-43-5	NS	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	8001-35-2	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND

NOTE:
* = Dultion: 20
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection limit
SB - Site Background
NS - No Standard
BOLD = Concentration exceeds CP-51 SSCOs
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Restricted Use SCOs

*Background Levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metrolpolitan or suburban areas or near highways

TABLE 5 (Cont.)
SUMMARY OF PESTICIDES IN SOIL
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**CAS #**	**Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) mg/kg**	**Subpart 375-6 Restricted-Residential Use Soil Cleanup Objectives (SCOs) mg/kg**	**CP-51 Supplemental Residential Soil Cleanup Objectives (SCOs) mg/kg**	SB-05(0-2)	SB-05(18-20)	SB-06(0-2)	SB-06(18-20)	SB-07(0-2)	SB-07(18-20)
Lab Sample ID					D3340-09	D3340-10	D3340-11	D3340-12	D3340-13	D3340-14
Sample Date					7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					0-2	18-20	0-2	18-20	0-2	18-20
Matrix					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Unit					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PESTICIDES										
4,4'-DDD	72-54-8	0.0033	13	NS	ND	ND	ND	ND	ND	ND
4,4'-DDE	72-55-9	0.0033	8.9	NS	ND	ND	ND	ND	ND	ND
4,4'-DDT	50-29-3	0.0033	7.9	NS	ND	ND	ND	ND	ND	ND
Aldrin	309-00-2	0.005	0.097	NS	ND	ND	ND	ND	ND	ND
alpha-BHC	319-84-6	0.02	0.48	NS	ND	ND	ND	ND	ND	ND
beta-BHC	5103-71-9	0.036	0.36	NS	ND	ND	ND	ND	ND	ND
Alpha-Chlordane	319-85-7	0.094	4.2	NS	ND	ND	ND	ND	ND	ND
delta-BHC	319-86-8	0.04	100	NS	ND	ND	ND	ND	ND	ND
Dieldrin	60-57-1	0.005	0.2	NS	ND	ND	ND	ND	ND	ND
Endosulfan I	959-98-8	2.4	24	NS	ND	ND	ND	ND	ND	ND
Endosulfan II	33213-65-9	2.4	24	NS	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	1031-07-8	2.4	24	NS	ND	ND	ND	ND	ND	ND
Endrin	72-20-8	0.014	11	NS	ND	ND	ND	ND	ND	ND
Endrin Aldehyde	7421-93-4	NS	NS	NS	ND	ND	ND	ND	ND	ND
Endrin Ketone	53494-70-5	NS	NS	NS	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	58-89-9	0.1	1.3	NS	ND	ND	ND	ND	ND	ND
Gamma-Chlordane	5103-74-2	NS	NS	0.54	ND	ND	ND	ND	ND	ND
Heptachlor	76-44-8	0.042	2.1	NS	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	1024-57-3	NS	NS	0.077	ND	ND	ND	ND	ND	ND
Methoxychlor	72-43-5	NS	NS	100	ND	ND	ND	ND	ND	ND
Toxaphene	8001-35-2	NS	NS	NS	ND	ND	ND	ND	ND	ND

NOTE:
* = Dultion: 20
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection limit
SB - Site Background
NS - No Standard
BOLD = Concentration exceeds CP-51 SSCOs
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Restricted Use SCOs

*Background Levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metrolpolitan or suburban areas or near highways

TABLE 6
SUMMARY OF VOCS IN GROUNDWATER
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA) (ug/L)**	**NYSDEC TOGS Ambient Water Quality Standards and Guidance Values (ug/L)**	MW-1	MW-2	MW-3
Lab Sample ID			D3356-06	D3356-07	D3356-08
Sample Date			7/12/2012	7/12/2012	7/12/2012
Matrix			water	water	water
Unit			ug/L	ug/L	ug/L
VOCs					
1,1,1-Trichloroethane	5	5	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	5	ND	ND	ND
1,1,2-Trichloroethane	NS	1	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5	NS	ND	ND	ND
1,1-Dichloroethane	5	5	ND	ND	ND
1,1-Dichloroethene	5	5	ND	ND	ND
1,2,3-Trichlorobenzene	5	5	ND	ND	ND
1,2,4-Trichlorobenzene	5	5	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04	0.04	ND	ND	ND
1,2-Dibromoethane	5	NS	ND	ND	ND
1,2-Dichlorobenzene	3	3	ND	ND	ND
1,2-Dichloroethane	5	0.6	ND	ND	ND
1,2-Dichloropropane	1	1	ND	ND	ND
1,3-Dichlorobenzene	3	3	ND	ND	ND
1,4-Dichlorobenzene	3	3	ND	ND	ND
1,4-Dioxane	NS	NS	ND	ND	ND
2-Butanone (MEK)	NS	50	ND	ND	ND
2-Hexanone	NS	50	ND	ND	ND
4-Methyl-2-Pentanone(MIBK)	NS	NS	ND	ND	ND
Acetone	NS	50	ND	ND	ND
Benzene	1	1	ND	ND	ND
Bromochloromethane	5	5	ND	ND	ND
Bromodichloromethane	5	50	ND	ND	ND
Bromoform	NS	50	ND	ND	ND
Bromomethane	5	5	ND	ND	ND
Carbon Disulfide	60	NS	ND	ND	ND
Carbon Tetrachloride	5	5	ND	ND	ND
Chlorobenzene	5	5	ND	ND	ND
Chloroethane	5	5	ND	ND	ND
Chloroform	7	7	ND	ND	ND
Chloromethane	NS	5	ND	ND	ND
cis-1,2-Dichloroethene	5	5	ND	ND	ND
cis-1,3-Dichloropropene	NS	0.4	ND	ND	ND
Cyclohexane	NS	NS	ND	ND	ND
Dibromochloromethane	5	50	ND	ND	ND
Dichlorodifluoromethane	5	5	ND	ND	ND
Ethylbenzene	5	5	ND	ND	ND
Isopropylbenzene	5	5	ND	ND	ND
M&P-Xylene	NS	5	ND	ND	ND
Methyl-tert butyl ether (MTBE)	NS	10	ND	ND	ND
Methylcyclohexane	NS	NS	ND	ND	ND
Methylene Chloride	5	5	ND	ND	ND
O-Xylene (1,2-Xylene)	5	5	ND	ND	ND
Styrene	5	5	ND	ND	ND
trans-1,3-Dichloropropene	NS	0.4	ND	ND	ND
Tetrachloroethene	5	5	ND	ND	ND
Toluene	5	5	ND	ND	ND
trans-1,2-Dichloroethene	5	5	ND	ND	ND
Trichloroethene	5	5	**2.1**	**8.3**	**3.2**
Trichlorofluoromethane	5	5	ND	ND	ND
Vinyl Chloride	2	2	ND	ND	ND

NOTE:
ug/L - micrograms per liter
ND - Analyte not detected at laboratory method detection limit
NS - No Standard
Bold - Concentration above method detection limit
Shaded - Detected concentration exceeds NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations and Part 703:

TABLE 7
SUMMARY OF TCL SVOCS IN GROUNDWATER
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA) (ug/L)	NYSDEC TOGS Ambient Water Quality Standards and Guidance Values (ug/L)	MW-1	MW-2	MW-3
Lab Sample ID			D3356-06	D3356-07	D3356-08
Sample Date			7/12/2012	7/12/2012	7/12/2012
Matrix			water	water	water
Unit			ug/L	ug/L	ug/L
SVOCs					
1,1-Biphenyl	NS	**5**	ND	ND	ND
1,2,4-Trichlorobenzene	1	5	ND	ND	ND
1,2-Dichlorobenzene	3	3	ND	ND	ND
1,3-Dichlorobenzene	3	3	ND	ND	ND
1,4-Dichlorobenzene	3	3	ND	ND	ND
2,2-oxybis(1-Chloropropane)	NS	NS	ND	ND	ND
2,3,4,6-Tetrachlorophenol	NS	NS	ND	ND	ND
2,4,5-Trichlorophenol	NS	NS	ND	ND	ND
2,4,6-Trichlorophenol	NS	NS	ND	ND	ND
2,4-Dichlorophenol	1	5	ND	ND	ND
2,4-Dimethylphenol	1	50	ND	ND	ND
2,4-Dinitrophenol	1	10	ND	ND	ND
2,4-Dinitrotoluene	5	5	ND	ND	ND
2,6-Dinitrotoluene	5	5	ND	ND	ND
2-Chloronaphthalene	NS	10	ND	ND	ND
2-Chlorophenol	NS	NS	ND	ND	ND
2-Methylnaphthalene	NS	NS	ND	ND	ND
2-Methylphenol	NS	NS	ND	ND	ND
2-Nitroaniline	5	NS	ND	ND	ND
2-Nitrophenol	NS	NS	ND	ND	ND
3,3'-Dichlorobenzidine	5	5	ND	ND	ND
3+4-Methylphenols	NS	NS	ND	ND	ND
3-Nitroaniline	5	5	ND	ND	ND
2-Methyl-4-6-dinitrophenol	NS	NS	ND	ND	ND
4-Bromophenyl Phenyl Ether	NS	NS	ND	ND	ND
4-Chloro-3-Methylphenol	NS	NS	ND	ND	ND
4-Chloroaniline	5	5	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NS	NS	ND	ND	ND
4-Nitroaniline	5	5	ND	ND	ND
4-Nitrophenol	NS	5	ND	ND	ND
4,6-Dinitro-2-methylphenol	NS	NS	ND	ND	ND
Acenaphthene	NS	20	ND	ND	ND
Acenaphthylene	NS	50	ND	ND	ND
Acetophenone	NS	NS	ND	ND	ND
Anthracene	NS	50	ND	ND	ND
Atrazine	7.5	7.5	ND	ND	ND
Benzaldehyde	NS	NS	ND	ND	ND
benzo(a)Anthracene	NS	0.002	ND	ND	ND
benzo(a)Pyrene	ND*	0.002	ND	ND	ND
benzo(b)Fluoranthene	NS	0.002	ND	ND	ND
benzo(g,h,i)Perylene	NS	5	ND	ND	ND
benzo(k)Fluoranthene	NS	0.002	ND	ND	ND
bis(2-Chloroethoxy)Methane	5	5	ND	ND	ND
bis(2-Chloroethyl)Ether	1	1	ND	ND	ND
2,2,'-oxybis (1-Chloropropane)	NS	NS	ND	ND	ND
bis(2-Ethylhexyl)Phthalate	5	5	ND	ND	ND
Butyl Benzyl Phthalate	NS	50	ND	ND	ND
3,4-Methyl Phenol	NS	NS	ND	ND	ND
Caprolactam	NS	NS	ND	ND	ND
Carbazole	NS	NS	ND	ND	ND
Chrysene	NS	0.002	ND	ND	ND
Dibenz(a,h)Anthracene	NS	50	ND	ND	ND
Dibenzofuran	NS	NS	ND	ND	ND
Diethyl Phthalate	NS	50	ND	ND	ND
Dimethyl Phthalate	NS	50	ND	ND	ND
di-n-Butyl Phthalate	NS	50	ND	ND	ND
di-n-Octyl Phthalate	NS	50	ND	ND	ND
Fluoranthene	NS	50	ND	ND	ND
Fluorene	NS	50	ND	ND	ND
Hexachlorobenzene	0.04	0.04	ND	ND	ND
Hexachlorobutadiene	0.5	0.5	ND	ND	ND
Hexachlorocyclopentadiene	5	5	ND	ND	ND
Hexachloroethane	5	5	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	NS	0.002	ND	ND	ND
Isophorene	NS	50	ND	ND	ND
Naphthalene	10	10	ND	ND	ND
Nitrobenzene	0.4	0.4	ND	ND	ND
n-Nitroso-di-n-Propylamine	NS	NS	ND	ND	ND
n-Nitrosodiphenylamine	NS	50	ND	ND	ND
Pentachlorophenol	1	1	ND	ND	ND
Phenanthrene	NS	50	ND	ND	ND
Phenol	1	1	ND	ND	ND
Pyrene	NS	50	ND	ND	ND

NOTE:
ug/l- micrograms per liter
ND - Analyte not detected at laboratory method detection limit
ND* - Standard not detectable by the analytical tests specified as per Part 703.
NS - No Standard
Shaded - Detected concentration exceeds NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations and Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

TABLE 8
SUMMARY OF TAL METALS IN GROUNDWATER
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA) (ug/L)**	**NYSDEC TOGS Ambient Water Quality Standards and Guidance Values (mg/L)**	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3
Lab Sample ID			D3356-06	D3356-06	D3356-07	D3356-07	D3356-08	D3356-08
Sample Date			7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/12/2012
Matrix			water (filtered)	water (unfiltered)	water (filtered)	water (unfiltered)	water (filtered)	water (unfiltered)
Unit			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Metals								
Aluminum	NS	NS	**0.089**	**17.3**	**0.026**	**1.79**	**0.0156**	**18.3**
Antimony	0.003	0.003	**0.00049**	**0.00033**	**0.0032**	**0.0019**	**0.0025**	**0.0071**
Arsenic	0.025	0.01	**0.00045**	**0.0026**	**0.0055**	**0.0027**	**0.0054**	**0.0051**
Barium	1	1	**0.161**	**0.408**	**0.12**	**0.146**	**0.123**	**0.45**
Beryllium	NS	0.003	**0.00006**	**0.00076**	ND	**0.0041**	ND	**0.0013**
Cadmium	0.005	0.005	ND	**0.00022**	ND	**0.0051**	**0.0021**	**0.0026**
Calcium	NS	NS	**141**	**87.3**	**98.1**	**130**	**131**	**161**
Chromium	0.05	0.1	**0.0012**	**0.0846**	**0.0185**	**0.0363**	**0.0013**	**0.125**
Cobalt	NS	NS	**0.0065**	**0.0275**	**0.0021**	**0.0041**	**0.0021**	**0.0292**
Copper	0.2	0.2	**0.0074**	**0.0655**	**0.0182**	**0.0133**	**0.0165**	**0.0862**
Iron	0.3	0.3	**0.875**	**39.3**	**0.659**	**4.96**	**0.793**	**38.7**
Lead	0.025	0.025	**0.0019**	**0.0173**	**0.0019**	**0.0116**	**0.0013**	**0.0232**
Magnesium	NS	35	**34.5**	**29.8**	**21.9**	**33.9**	**33.2**	**49.9**
Manganese	0.3	0.3	**1.48**	**2.54**	**0.981**	**0.56**	**0.437**	**2.92**
Mercury	0.0007	0.0007	ND	ND	ND	ND	ND	ND
Nickel	0.1	0.1	**0.0116**	**0.073**	**0.0076**	**0.0196**	**0.0025**	**0.0641**
Potassium	NS	NS	**19.3**	**14.7**	**10.4**	**8.67**	**8.34**	**19.6**
Selenium	0.01	0.01	**0.0043**	**0.0051**	**0.0055**	**0.008**	**0.0052**	**0.0044**
Silver	0.05	0.05	ND	**0.000073**	ND	**0.0014**	ND	**0.0012**
Sodium	20	20	**86.1**	**192**	**216.3**	**118**	**123**	**76.3**
Thallium	NS	0.0005	**0.00056**	**0.00061**	**0.00033**	**0.0036**	**0.0028**	**0.0012**
Vanadium	NS	0.014	**0.000093**	**0.0511**	ND	**0.0054**	ND	**0.0405**
Zinc	NS	2	**0.0279**	**0.137**	**0.0426**	**0.0465**	**0.0302**	**0.143**

NOTE:
mg/L- milligram per liter
ND - Analyte not detected at laboratory method detection limit
Bold - Concentration above method detection limit

Shaded - Detected concentration exceeds NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and/or Groundwater Effluent Limitations and Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

TABLE 9
SUMMARY OF PCBS IN GROUNDWATER
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA) (ug/L)**	**NYSDEC TOGS Ambient Water Quality Standards and Guidance Values (ug/L)**	MW-1	MW-2	MW-3
Lab Sample ID			D3356-06	D3356-07	D3356-08
Sample Date			7/12/2012	7/12/2012	7/12/2012
Matrix			water	water	water
Unit			ug/L	ug/L	ug/L
PCBs					
Aroclor 1016	0.09	0.09*	ND	ND	ND
Aroclor 1221	0.09	0.09*	ND	ND	ND
Aroclor 1232	0.09	0.09*	ND	ND	ND
Aroclor 1242	0.09	0.09*	ND	ND	ND
Aroclor 1248	0.09	0.09*	ND	ND	ND
Aroclor 1254	0.09	0.09*	ND	ND	ND
Aroclor 1260	0.09	0.09*	ND	ND	ND

NOTE:
ug/L- micrograms per liter
ND - Analyte not detected at laboratory method detection limit
*Applies to the sum of these substances

TABLE 10
SUMMARY OF PESTICIDES IN GROUNDWATER
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	**Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA) (ug/L)**	**NYSDEC TOGS Ambient Water Quality Standards and Guidance Values (ug/L)**	MW-1	MW-2	MW-3
Lab Sample ID			D3356-06	D3356-07	D3356-08
Sample Date			7/12/2012	7/12/2012	7/12/2012
Matrix			water	water	water
Unit			ug/L	ug/L	ug/L
Pesticides					
4,4'-DDD	0.3	0.3	ND	ND	ND
4,4'-DDE	0.2	0.2	ND	ND	ND
4,4'-DDT	0.2	0.2	ND	ND	ND
Aldrin	ND*	NS	ND	ND	ND
alpha-BHC	NS	0.01	ND	ND	ND
alpha-Chlordane	NS	NS	ND	ND	ND
beta-BHC	NS	0.04	ND	ND	ND
delta-BHC	NS	0.04	ND	ND	ND
Dieldrin	0.004	0.001	ND	ND	ND
Endosulfan sulfate	NS	NS	ND	ND	ND
Endosulfan-I	NS	NS	ND	ND	ND
Endosulfan-II	NS	NS	ND	ND	ND
Endrin	ND*	NS	ND	ND	ND
Endrin aldehyde	5	5	ND	ND	ND
Endrin ketone	5	5	ND	ND	ND
gamma-BHC (Lindane)	NS	0.05	ND	ND	ND
gamma-Chlordane	NS	NS	ND	ND	ND
Heptachlor	0.04	0.04	ND	ND	ND
Heptachlor epoxide	0.03	0.03	ND	ND	ND
Methoxychlor	35	35	ND	ND	ND
Toxaphene	0.06	0.06	ND	ND	ND

NOTE:
ug/L- micrograms per liter
ND - Analyte not detected at laboratory method detection limit
ND* - Standard not detectable by the analytical tests specified as per Part 703.
NS - No Standard

TABLE 11
SUMMARY OF VOCS IN SOIL VAPOR
DUMBO ASSEMBLAGE LLC
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	CAS#	NYSDOH Air Guideline Values (ug/m3)	NYSDOH Fuel Oil 2003 Upper Fence Limit (ug/m3) (1)		USEPA BASE Data 90% Percentile Value (ug/m3) (1)		HEI RIOPA 2005 95% Percentile Value (ug/m3) (1)		EPA Target Shallow Soil Gas Concentration Risk = 1 x 10-6 (ug/m3) (2)	SV-01	SV-01DL	SV-01DL2	SV-02	SV-02DL	SV-02DL2	SV-03	SV-03DL
Lab Sample ID										D3344-01	D3344-01DL	D3344-01DL2	D3344-02	D3344-02DL	D3344-02DL2	D3344-03	D3344-03DL
Sample Date										7/11/2012	7/11/2012	7/11/2012	7/11/2012	7/11/2012	7/11/2012	7/11/2012	7/11/2012
Matrix										Air	Air	Air	Air	Air	Air	Air	Air
Dilution Factor										1	10	40	1	10	40	1	10
Unit			Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Vapor	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
VOCs																	
1,1,1-Trichloroethane	71-55-6	NA	2.5	0.6	20.6	2.6	NA	NA	22,000	**37.5**	**32.7D**	**37.1D**	**15.9**	**13.6D**	**15.3D**	**25.2**	**21.3D**
1,1,2,2-Tetrachloroethane	79-34-5	NA	0.4	0.4	NA	NA	NA	NA	0.42								
1,1,2-Trichloroethane	79-00-5	NA	0.4	0.3	1.5	1.6	NA	NA	1.5								
1,1,2-Trichlorotrifluoroethane	76-13-1	NA	NA	NA	3.5	1.6	NA	NA	NA	0.61J			0.54			0.61	
1,1-Dichloroethane	75-34-3	NA	0.4	NA	<0.7	<0.6	NA	NA	5,000								
1,1-Dichloroethene	75-35-4	NA	0.4	0.4	<1.4	<1.4	NA	NA	2,000								
1,2,4-Trichlorobenzene	120-82-1	NA	0.5	1.9	<6.8	<6.4	NA	NA	2,000								
1,2,4-Trimethylbenzene	95-63-6	NA	9.8	0.4	9.5	5.8	NA	NA	61	**101E**	**94.9D**	**117D**	**105E**	**99.3D**	**133D**	**114E**	**102D**
1,2-Dibromoethane	106-93-4	NA	0.4	0.4	1.5	1.6	NA	NA	0.11								
1,2-Dichlorobenzene	95-50-1	NA	0.5	0.4	<1.2	<1.2	NA	NA	8,000								
1,2-Dichloroethane	107-06-2	NA	0.4	0.4	<0.9	<0.8	NA	NA	1								
1,2-Dichloropropane	78-87-5	NA	0.4	0.4	<1.6	<1.6	NA	NA	41								
1,3,5-Trimethylbenzene	108-67-8	NA	3.9	0.7	3.7	2.7	NA	NA	60	**30.4**	**28.5D**	**39.3D**	**36.7**		**43.3D**	**33.4**	**31D**
1,3-Butadiene	106-99-0	NA	NA	NA	3	3.4	NA	NA	0.087								
1,3-Dichlorobenzene	541-73-1	NA	0.5	0.4	<2.4	<2.2	NA	NA	1,100								
1,4-Dichlorobenzene	106-46-7	NA	1.2	0.5	5.5	1.2	344	3.66	8,000								
1,4-Dioxane	123-91-1	NA	NA	NA	NA	NA	NA	NA	NA								
2,2,4-Trimethylpentane	540-84-1	NA	NA	NA	NA	NA	NA	NA	NA	5.98			4.25				
2-Butanone	78-93-3	NA	16	5.3	12	11.3	NA	NA	10,000	**14.7**	**13D**	**18.9D**	**10.7**	**9.44D**		3.57	4.13D
2-Chlorotoluene	95-49-8	NA	NA	NA	NA	NA	NA	NA	NA								
4-Ethyltoluene	622-96-8	NA	NA	NA	3.6	3	NA	NA	NA	**43.1**	**34.4D**	**37.4D**	**45.3**	**35.9D**	**37.4D**	**49.6**	**37.8D**
4-Methyl-2-Pentanone	108-10-1	NA	1.9	0.5	NA	NA	NA	NA	800	**6.35**	**4.1JD**		**4.43**			**4.39**	
Acetone	67-64-1	NA	115	30	98.9	43.7	45.8	19.6	3,500	**332E**	**631ED**	**738D**	**249E**	**375ED**	**470D**	**92.2E**	**97.9D**
Allyl Chloride	107-05-1	NA	NA	NA	NA	NA	NA	NA	NA								
Benzene	71-43-2	NA	13	4.8	9.4	6.6	10	5.16	3.1	**9.46**	**7.99D**	**10.2JD**	**11**	**8.95D**		**10.5**	**8.95D**
Bromodichloromethane	75-27-4	NA	NA	NA	NA	NA	NA	NA	1.4								
Bromoethene	593-60-2	NA	NA	NA	NA	NA	NA	NA	NA								
Bromoform	75-25-2	NA	NA	NA	NA	NA	NA	NA	22								
Bromomethane	74-83-9	NA	0.5	0.5	1.7	1.6	NA	NA	NA								
Carbon Disulfide	75-15-0	NA	NA	NA	<1.3	3.7	NA	NA	7,000	**8.19**	**7.47D**		**1.68**			**1.15**	
Carbon Tetrachloride	56-23-5	NA	1.3	1.2	<1.3	0.7	1.1	1	1.6	**4.28**	**3.77D**		**0.88**			**2.33**	
Chlorobenzene	108-90-7	NA	0.4	NA	<1.1	<0.8	<0.8	NA	600								
Chloroethane	75-00-3	NA	0.4	0.4	<1.1	<1.2	NA	NA	1,000								
Chloroform	67-66-3	NA	1.2	0.5	1.1	0.6	6.34	0.76	1.1	**7.37**	**6.84D**		**1.66**			**6.49**	**5.86D**
Chloromethane	74-87-3	NA	4.2	4.3	3.7	3.7	NA	NA	NA							0.29	
cis-1,2-Dichloroethene	156-59-2	NA	0.4	0.4	<1.9	<1.2	NA	NA	350								
cis-1,3-Dichloropropene	10061-01-5	NA	0.4	0.4	2.3	2.2	NA	NA	NA								
Cyclohexane	110-82-7	NA	6.3	0.9	NA	NA	NA	NA	NA	**2.72**			**3.27**			**2.72**	
Dibromochloromethane	124-48-1	NA	NA	NA	NA	NA	NA	NA	NA								
Dichlorodifluoromethane	75-71-8	NA	NA	NA	16.5	8.1	NA	NA	2,000	2.67	5.93D		1.73	3.46JD		2.42	
Dichlorotetrafluoroethane	76-14-2	NA	NA	NA	<11.3	<7.8	NA	NA	NA								
Ethyl Benzene	100-41-4	NA	6.4	1	5.7	3.5	7.62	3.04	22	**57.3**	**45.2D**	**50.4D**	**56.9**	**45.6D**	**45.2D**	**59.1**	**48.2D**
Heptane	142-82-5	NA	18	4.5	NA	NA	NA	NA	NA	**26.8**	**19.7D**	**21.3D**	**27.8**	**21.3D**	**21.3D**	**27**	**20.9D**
Hexachloro-1,3-Butadiene	87-68-3	NA	0.5	0.5	<6.8	<6.4	NA	NA	1.1								
Hexane	110-54-3	NA	14	2.2	10.2	6.4	NA	NA	2,000	**15.7**	**12.3D**	**19.7D**	**22.8**	**18D**	**24D**	**15.6**	**13D**
m/p-Xylene	179601-23-1	NA	11	1	22.2	12.8	22.2	10	70,000	**218E**	**190D**	**206D**	**211E**	**187D**	**208D**	**221E**	**192D**
Methyl Methacrylate	80-62-6	NA	0.4	0.4	NA	NA	NA	NA	1,100								
Methyl tert-Butyl Ether	1634-04-4	NA	14	NA	11.5	6.2	36	22.1	30,000								
Methylene Chloride	75-09-2	60	16	1.6	10	6.1	7.5	2.46	52	**2.85**	**7.3D**	**26.4D**	**4.06**	**9.03D**		**2.68**	
o-Xylene	95-47-6	NA	7.1	1.5	7.9	4.6	7.24	3.23	70,000	**69.5E**	**59.1D**	**64.3D**	**70.4E**	**59.9D**	**64.3D**	**70.8E**	**59.9D**
Styrene	100-42-5	NA	1.4	0.5	1.9	1.3	5.13	1.29	10,000	**2.17**			**2.51**			**2.38**	
tert-Butyl alcohol	75-65-0	NA	NA	NA	NA	NA	NA	NA	NA	16.4	15.5D	23D	15.3	12.4D	19.4D	7.7	6.97D
Tetrachloroethene	127-18-4	100	2.5	0.7	15.9	6.5	6.01	3.17	8.1	**181E**	**145D**	**151D**	**204E**	**174D**	**195D**	**186E**	**155D**
Tetrahydrofuran	109-99-9	NA	0.8	0.4	NA	NA	NA	NA	NA							1.24	
Toluene	108-88-3	NA	57	5.1	43	33.7	39	NA	4,000	**211E**	**181D**	**197D**	**179E**	**165D**	**180D**	**198E**	**181D**
trans-1,2-Dichloroethene	156-60-5	NA	NA	NA	NA	NA	NA	NA	700								
t-1,3-Dichloropropene	10061-02-6	NA	NA	NA	<1.3	1.4	NA	NA	NA								
Trichloroethene	79-01-6	5	0.5	0.4	4.2	1.3	1.36	0.79	0.22	**46.5**	**38.7D**	**45.1D**	**25**	**20.4D**	**25.8D**	**348E**	**302D**
Trichlorofluoromethane	75-69-4	NA	NA	NA	18.1	4.3	NA	NA	7,000	**4.44**			**4.89**	**4.5JD**		3.54	
Vinyl Chloride	75-01-4	NA	0.4	0.4	<1.9	<1.8	NA	NA	2.8								

Note:
ug/m^3 - micrograms per cubic meter of air
ND - Analyte not detected at laboratory method detection level
NA - Not Available
J - The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
* - Dilution factor of 10
** - Dilution factor of 100
(1) - As per Appendix C of the Final NYSDOH Guidance document.
(2) As per Table 2c: Question 4 Generic Screening Levels and Summary Sheet presented in the EPA Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils dated November 2002.
Shading - Concentration Exceeds NYSDOH Air Guideline Value (AGV)
Bold - Concentration Exceeds NYSDOH Background Levels.
Underline - Concentration Exceeds EPA Target Shallow Soil Gas Concentration
BASE - Building Assessment and Survey Evaluation
HEI RIOPA - Health Effect Institute: Relationship of Indoor, Outdoor and Personal Air (personal exposure)
NYSDOH Fuel Oil - Data collected from homes heated by fuel oil

TABLE 11 (cont.)
SUMMARY OF VOCS IN SOIL VAPOR
WATCHTOWER BIBLE TRACT SOCIETY
173-177 FRONT STREET AND 185 FRONT STREET
BROOKLYN, NEW YORK

Sample ID	CAS#	NYSDOH Air Guideline Values (ug/m3)	NYSDOH Fuel Oil 2003 Upper Fence Limit (ug/m3) (1)		USEPA BASE Data 90% Percentile Value (ug/m3) (1)		HEI RIOPA 2005 95% Percentile Value (ug/m3) (1)		EPA Target Shallow Soil Gas Concentration Risk = 1 x 10-6 (ug/m3) (2)	SV-04	SV-04DL	Ambient Air
Lab Sample ID										D3344-04	D3344-04DL	D3344-08
Sample Date										7/11/2012	7/11/2012	7/11/2012
Matrix										Air	Air	Air
Dilution Factor										1	40	1
Unit			Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Vapor	ug/m3	ug/m3	ug/m3
VOCs												
1,1,1-Trichloroethane	71-55-6	NA	2.5	0.6	20.6	2.6	NA	NA	22,000	**0.76**		
1,1,2,2-Tetrachloroethane	79-34-5	NA	0.4	0.4	NA	NA	NA	NA	0.42			
1,1,2-Trichloroethane	79-00-5	NA	0.4	0.3	1.5	1.6	NA	NA	1.5			
1,1,2-Trichlorotrifluoroethane	76-13-1	NA	NA	NA	3.5	1.6	NA	NA	NA	0.61J		0.54J
1,1-Dichloroethane	75-34-3	NA	0.4	NA	<0.7	<0.6	NA	NA	5,000			
1,1-Dichloroethene	75-35-4	NA	0.4	0.4	<1.4	<1.4	NA	NA	2,000			
1,2,4-Trichlorobenzene	120-82-1	NA	0.5	1.9	<6.8	<6.4	NA	NA	2,000			
1,2,4-Trimethylbenzene	95-63-6	NA	9.8	0.4	9.5	5.8	NA	NA	61	**64.4**	**96.4D**	0.54
1,2-Dibromoethane	106-93-4	NA	0.4	0.4	1.5	1.6	NA	NA	0.11			
1,2-Dichlorobenzene	95-50-1	NA	0.5	0.4	<1.2	<1.2	NA	NA	8,000			
1,2-Dichloroethane	107-06-2	NA	0.4	0.4	<0.9	<0.8	NA	NA	1			
1,2-Dichloropropane	78-87-5	NA	0.4	0.4	<1.6	<1.6	NA	NA	41			
1,3,5-Trimethylbenzene	108-67-8	NA	3.9	0.7	3.7	2.7	NA	NA	60	**20.1**	**33.4D**	
1,3-Butadiene	106-99-0	NA	NA	NA	3	3.4	NA	NA	0.087			
1,3-Dichlorobenzene	541-73-1	NA	0.5	0.4	<2.4	<2.2	NA	NA	1,100			
1,4-Dichlorobenzene	106-46-7	NA	1.2	0.5	5.5	1.2	344	3.66	8,000	**18.7**		
1,4-Dioxane	123-91-1	NA	NA	NA	NA	NA	NA	NA	NA			
2,2,4-Trimethylpentane	540-84-1	NA	NA	NA	NA	NA	NA	NA	NA			
2-Butanone	78-93-3	NA	16	5.3	12	11.3	NA	NA	10,000	**17.4**	**22.4D**	0.5
2-Chlorotoluene	95-49-8	NA	NA	NA	NA	NA	NA	NA	NA			
4-Ethyltoluene	622-96-8	NA	NA	NA	3.6	3	NA	NA	NA	**29.2**	**27.5D**	
4-Methyl-2-Pentanone	108-10-1	NA	1.9	0.5	NA	NA	NA	NA	800	**3.57**		
Acetone	67-64-1	NA	115	30	98.9	43.7	45.8	19.6	3,500	**330E**	**1199D**	13.9
Allyl Chloride	107-05-1	NA	NA	NA	NA	NA	NA	NA	NA			
Benzene	71-43-2	NA	13	4.8	9.4	6.6	10	5.16	3.1	**9.74**		0.26J
Bromodichloromethane	75-27-4	NA	NA	NA	NA	NA	NA	NA	1.4			
Bromoethene	593-60-2	NA	NA	NA	NA	NA	NA	NA	NA			
Bromoform	75-25-2	NA	NA	NA	NA	NA	NA	NA	22			
Bromomethane	74-83-9	NA	0.5	0.5	1.7	1.6	NA	NA	NA			
Carbon Disulfide	75-15-0	NA	NA	NA	<1.3	3.7	NA	NA	7,000	0.59		
Carbon Tetrachloride	56-23-5	NA	1.3	1.2	<1.3	0.7	1.1	1	1.6	0.69		0.44
Chlorobenzene	108-90-7	NA	0.4	NA	<1.1	<0.8	<0.8	NA	600			
Chloroethane	75-00-3	NA	0.4	0.4	<1.1	<1.2	NA	NA	1,000			
Chloroform	67-66-3	NA	1.2	0.5	1.1	0.6	6.34	0.76	1.1			
Chloromethane	74-87-3	NA	4.2	4.3	3.7	3.7	NA	NA	NA			0.72
cis-1,2-Dichloroethene	156-59-2	NA	0.4	0.4	<1.9	<1.2	NA	NA	350			
cis-1,3-Dichloropropene	10061-01-5	NA	0.4	0.4	2.3	2.2	NA	NA	NA			
Cyclohexane	110-82-7	NA	6.3	0.9	NA	NA	NA	NA	NA	**2.68**		
Dibromochloromethane	124-48-1	NA	NA	NA	NA	NA	NA	NA	NA			
Dichlorodifluoromethane	75-71-8	NA	NA	NA	16.5	8.1	NA	NA	2,000	2.57		1.83
Dichlorotetrafluoroethane	76-14-2	NA	NA	NA	<11.3	<7.8	NA	NA	NA			
Ethyl Benzene	100-41-4	NA	6.4	1	5.7	3.5	7.62	3.04	22	**48.6**	**46.9D**	
Heptane	142-82-5	NA	18	4.5	NA	NA	NA	NA	NA	**27.8**	**24.6D**	
Hexachloro-1,3-Butadiene	87-68-3	NA	0.5	0.5	<6.8	<6.4	NA	NA	1.1			
Hexane	110-54-3	NA	14	2.2	10.2	6.4	NA	NA	2,000	**17.2**	**19.7D**	1.41
m/p-Xylene	179601-23-1	NA	11	1	22.2	12.8	22.2	10	70,000	**172E**	**182D**	
Methyl Methacrylate	80-62-6	NA	0.4	0.4	NA	NA	NA	NA	1,100			
Methyl tert-Butyl Ether	1634-04-4	NA	14	NA	11.5	6.2	36	22.1	30,000			
Methylene Chloride	75-09-2	60	16	1.6	10	6.1	7.5	2.46	52	**2.5**		0.94
o-Xylene	95-47-6	NA	7.1	1.5	7.9	4.6	7.24	3.23	70,000	**52.6**	**53.9D**	
Styrene	100-42-5	NA	1.4	0.5	1.9	1.3	5.13	1.29	10,000	**1.83**		
tert-Butyl alcohol	75-65-0	NA	NA	NA	NA	NA	NA	NA	NA	20.8	24.2D	
Tetrachloroethene	127-18-4	100	2.5	0.7	15.9	6.5	6.01	3.17	8.1	**134E**	**138D**	
Tetrahydrofuran	109-99-9	NA	0.8	0.4	NA	NA	NA	NA	NA			
Toluene	108-88-3	NA	57	5.1	43	33.7	39	NA	4,000	**179E**	**208D**	**0.68**
trans-1,2-Dichloroethene	156-60-5	NA	NA	NA	NA	NA	NA	NA	700			
t-1,3-Dichloropropene	10061-02-6	NA	NA	NA	<1.3	1.4	NA	NA	NA			
Trichloroethene	79-01-6	5	0.5	0.4	4.2	1.3	1.36	0.79	0.22	**184E**	**195D**	
Trichlorofluoromethane	75-69-4	NA	NA	NA	18.1	4.3	NA	NA	7,000	**2.14**		**1.35**
Vinyl Chloride	75-01-4	NA	0.4	0.4	<1.9	<1.8	NA	NA	2.8			

Note:
ug/m^3 - micrograms per cubic meter of air
ND - Analyte not detected at laboratory method detection level
NA - Not Available
J - The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
* - Dilution factor of 10
** - Dilution factor of 100
(1) - As per Appendix C of the Final NYSDOH Guidance document.
from Groundwater and Soils dated November 2002.
Shading - Concentration Exceeds NYSDOH Air Guideline Value (AGV)
Bold - Concentration Exceeds NYSDOH Background Levels.
Underline - Concentration Exceeds EPA Target Shallow Soil Gas Concentration
BASE - Building Assessment and Survey Evaluation
HEI RIOPA - Health Effect Institute: Relationship of Indoor, Outdoor and Personal Air (personal exposure)
NYSDOH Fuel Oil - Data collected from homes heated by fuel oil

ATTACHMENT A

PHASE I ENVIRONMENTAL SITE ASSESSMENT

ATTACHMENT B

GEOPHYSICAL SURVEY

GEOPHYSICAL INVESTIGATION REPORT

PERFORMED AT:

173, 175, & 185 Front Street
Brooklyn, NY 11211

PREPARED FOR:

Matt Mankovich
ATC
104 East 25th Street
10th Floor
New York, NY 10010

PREPARED BY:

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July 9, 2012

1.0 INTRODUCTION

Enviroprobe Service, Inc. (Enviroprobe) is an environmental investigation services firm which provides monitoring well installation (HSA), Geoprobe (DPT) drilling services and Environmental & Engineering Geophysics (EEG) services to the environmental consulting and engineering community.

Enviroprobe conducted a subsurface geophysical investigation at the subject property within client-specified areas of concern. Due to conditions and objectives, the investigation utilized a Sensors and Software N250Plus cart-mounted Ground Penetrating Radar (GPR) unit with a 250 MHz antenna, a Radiodetection 4000T3 multi-frequency transmitter, a Radiodetection 4000 receiver, and a Fisher TW-6 metallic locator.

Ground penetrating radar (commonly called GPR) is a geophysical method that has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 2,000 MHz) to acquire subsurface information. An EM wave is propagated downward into the ground by a transmitting antenna. Where abrupt changes in electrical properties occur in the subsurface, a portion of the energy is reflected back to the surface. This reflected wave is detected by a receiver antenna and transmitted to a control unit for real time processing and display. The penetration depth of the N250Plus unit varies from several inches to tens of feet according to site-specific conditions. The penetration depth decreases with increased soil conductivity. The penetration depth is the greatest in ice, dry sands, and fine gravels. Clayey, highly saline or saturated soils, areas covered by concrete, foundry slag, or other highly conductive materials greatly reduce GPR penetration. GPR is a method that is commonly used for environmental, engineering, archaeological, and other shallow investigations.

The Radiodetection (RD) transmitter and receiver are commonly used for pipe and cable locating. The multi-frequency transmitter can be directly connected, clamped, or used to induce a signal in a target line while the multi-frequency receiver is used to measure the signal from energized lines.

The Fisher TW-6 metallic locator is designed to find pipes, cables and other metallic objects such as underground storage tanks (USTs). The TW-6 transmitter generates an electromagnetic field that induces electrical currents in the subsurface. These currents produce a secondary electromagnetic field that is measured by the TW-6 receiver. One surveyor can carry both the transmitter and receiver together to search for underground metallic objects, although the TW-6 response can also be affected by the electrical properties of non-metallic materials in the subsurface.

2.0 SCOPE OF WORK

On July 6, 2012, a geophysicist from Enviroprobe Service Inc. was mobilized to the subject property to perform a geophysical investigation. The purpose of this investigation was to detect possible USTs, designate underground conduits/utilities, and investigate proposed boring locations within client-specified portions of the subject property. The survey included proposed boring locations in the basement and parking lot at 185 Front Street, portions of the interior of a parking garage at 177 Front Street, and a proposed boring location in the parking lot at 173 Front Street. The ground surface of the survey area consisted of paved, concrete, and gravel surfaces.

3.0 SURVEY RESULTS

The survey was conducted using a cart-mounted GPR unit, a Fisher TW-6 metallic locator, and a RD unit. The RD unit was used to trace common utilities from sources in and around the survey area. The RD receiver was also used in the passive mode to search for live underground electrical power cables and other utilities emitting 60Hz electromagnetic signals. When possible, the locations of utilities were confirmed with the GPR. Whenever possible and necessary, the manhole covers in and around the survey area were opened and the manholes were visually inspected for underground utilities. A GPR survey was also performed in a grid pattern in at least two orthogonal directions to search for underground utilities. Designated utilities were marked on-site with chalk in 177 Front Street and in the basement of 185 Front Street. No anomalies consistent with underground utilities were found in the parking areas of 173 or 185 Front Street.

The GPR and TW-6 were used in a grid pattern over a portion of the parking garage at 177 Front Street where a Sanborn map had indicated the possible presence of USTs. No signals consistent with a UST were detected with either the GPR or TW-6 throughout this area.

Approximately 14 proposed boring locations were investigated with the GPR and RD receiver. When possible, an area of approximately 10 ft by 10 ft surrounding each boring location was scanned. In some cases, obstructions prevented an investigation of the entire 10 ft by 10 ft area. All designated anomalies were marked on-site with chalk.

4.0 LIMITATIONS

The client-selected areas of the property contained obstructions including fence lines, interior walls, and parked vehicles. These objects prevented a thorough investigation of the spaces beneath and immediately adjacent to them.

Due to surface conditions and subsurface content, the GPR signal penetration was estimated at 3 feet in the majority of the survey area. This penetration was reduced in areas of concrete cover.

The TW-6 survey was kept up to 6 feet away from above ground objects containing metals depending on the sizes, shapes and positions of the metal objects. The TW-6 survey was not effective in areas with reinforced concrete.

Due to the dielectric properties of the subsurface, plastic polymer and fiberglass utilities may not have been detected.

All field services were conducted in compliance with the industry standard of care guidelines found in ASCE 38-02 (Level B).

5.0 WARRANTIES

The field observations and measurements reported herein are considered sufficient in detail and scope for this project. Enviroprobe Service, Inc. warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental engineering methods. There is a possibility that conditions may exist which could not be identified within the scope of this project and were not apparent during the site activities performed for this project.

Enviroprobe represents that the services were performed in a manner consistent with that level of care and skill ordinarily exercised by environmental consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

Enviroprobe Service, Inc. believes that the information provided in this report is reliable. However, Enviroprobe cannot warrant or guarantee that the information provided by others is complete or accurate. No other warranties or guarantees are implied or expressed.

GPR data is subject to signal anomalies and operator interpretation. The GPR data is intended to provide the locations of areas of concern requiring additional investigation or the approximate location of underground structures and utilities. Great care must be utilized when excavating and/or drilling around underground structures and utilities since GPR data can only be used for estimation purposes and GPR data is subject to misinterpretation. Enviroprobe can not guarantee that utilities, post-tension cables, and/or rebar will not be incurred during drilling, cutting, coring, or excavating activities.

This report was prepared pursuant to the contract Enviroprobe has with the Client. That contractual relationship included an exchange of information about the property that was unique and between Enviroprobe and its client and serves as the basis upon which

this report was prepared. Because of the importance of the communication between Enviroprobe and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to Enviroprobe.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to Enviroprobe contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

ATTACHMENT C

AIR MONITORING LOGS

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
7-9-12	9 30	SB-01	PID	0.0	JM
7-9-12	9 45	SB-01	PID	0.0	JM
7-9-12	10 00	SB-01	PID	0.0	JM
7-9-12	10 15	SB-01	PID	0.0	JM
7-9-12	10 30	SB-02	PID	0.0	JM
7-9-12	10 45	SB-02	PID	0.0	JM
7-9-12	11 00	SB-03	PID	0.0	JM
7-9-12	11 15	SB-03	PID	0.0	JM
7-9-12	11 30	SB-04	PID	0.0	JM
7-9-12	11 45	SB-04	PID	0.0	JM
7-9-12	12 00	SB-04	PID	0.0	JM
7-9-12	12 15	SB-04	PID	0.0	JM
7-9-12	12 30	SB-04	PID	0.0	JM
7-9-12	12 45	SB-04	PID	0.0	JM
7-9-12	13 00	SB-04	PID	0.0	JM
7-9-12	13 15	SB-04	PID	0.0	JM
7-9-12	13 30	SB-04	PID	0.0	JM
7-9-12	13 45	SV-02	PID	0.0	JM

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
7-9-12	14 00	SB-05	PID	0.0	JM
7-9-12	14 15	SB-05	PID	0.0	JM
7-9-12	14 30	SB-05	PID	0.0	JM
7-9-12	14 45	SB-06	PID	0.0	JM
7-9-12	15 00	SB-06	PID	0.0	JM
7-9-12	15 15	SB-06	PID	0.0	JM
7-9-12	15 30	SB-07	PID	0.0	JM
7-9-12	15 45	SB-07	PID	0.0	JM
7-9-12	16 00	SV-04	PID	0.0	JM

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
7-10-12	08 45	MW-1	PID	0.0	JM
7-10-12	09 00	MW-1	PID	0.0	JM
7-10-12	09 15	MW-1	PID	0.0	JM
7-10-12	09 30	MW-1	PID	0.0	JM
7-10-12	09 45	MW-1	PID	0.0	JM
7-10-12	10 00	MW-2	PID	0.0	JM
7-10-12	10 15	MW-2	PID	0.0	JM
7-10-12	10 30	MW-2	PID	0.0	JM
7-10-12	10 45	MW-3	PID	0.0	JM
7-10-12	11 00	MW-3	PID	0.0	JM
7-10-12	11 15	MW-3	PID	0.0	JM
7-10-12	11 30	MW-3	PID	0.0	JM
7-10-12	11 45	MW-3	PID	0.0	JM
7-10-12	12 00	SB-08	PID	0.0	JM
7-10-12	12 15	SB-08	PID	0.0	JM
7-10-12	12 30	SB-08	PID	0.0	JM
7-10-12	12 45	SB-09	PID	0.0	JM
7-10-12	13 00	SB-09	PID	0.0	JM

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
7-10-12	14 00	SB-09	PID	0.0	JM
7-10-12	14 15	SB-10	PID	0.0	JM
7-10-12	14 30	SB-10	PID	0.0	JM
7-10-12	14 45	SB-10	PID	0.0	JM
7-10-12	15 00	SB-10	PID	0.0	JM
7-10-12	15 15	SB-11	PID	0.0	JM
7-10-12	15 30	SB-11	PID	0.0	JM
7-10-12	15 45	SV-06	PID	0.0	JM
7-10-12	16 00	SV-07	PID	0.0	JM
7-10-12	16 15	SV-07	PID	0.0	JM

ATTACHMENT D

SOIL BORING LOGS

BORING LOG

ATC Associates Inc. **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Watchtower Bible and Track Society of New York, Inc.	**Boring No.:** **SB-01**
	ATC Project No.: 015.12440.0062	**Boring Location:** NE Corner of 185 Front Street (vacant lot)
	ATC Task No.: 01	
Driller: Zebra	**Drilling Method:** Geoprobe	
Inspector: John Mascioli	**Sampling Method:** Macro Core (2" diam.)	
Groundwater: ~35'		**Date:** July 9, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0	SB-01 (0-2') - Composite	0	0-2" Asphalt
	SB-01 (1.5-2') - Grab	0	0-5' Brown Fine Silty Sand
5		0	5-9' Brown Fine Silty Sand
10		0	9-10' Brownish-Red Fine Sand
		0	10-14' Brownish-Red find Sand
15		0	14-20' Brown Fine Silt
	SB-01 (18-20') - Composite		
	SB-01 (19.5-20') - Grab		
20			End of Boring @ 20' bgs. Continued to advance until gw @ 35 '
25			

BORING LOG

ATC Associates Inc. **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Watchtower Bible and Track Society of New York, Inc.	**Boring No.:** **SB-02**
	ATC Project No.: 015.12440.0062	**Boring Location:** NW Corner of 185 Front Street (vacant lot)
	ATC Task No.: 01	
Driller: Zebra	**Drilling Method:** Geoprobe	
Inspector: John Mascioli	**Sampling Method:** Macro Core (2" diam.)	
Groundwater: Not Encountered		**Date:** July 9, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0	SB-02 (0-2') - Composite	0	0-2" Asphalt
	SB-02 (1.5-2') - Grab	0	0-5' Brown Fine Silty Sand
5		0	5-15' Brown Fine Silty Sand
10			
15		0	15-20' Brown Fine Sand, Trace Silt
	SB-02 (18-20') - Composite		
	SB-02 (19.5-20') - Grab		
20			End of Boring @ 20' bgs
25			

BORING LOG

ATC Associates Inc. **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Watchtower Bible and Track Society of New York, Inc.	**Boring No.:** **SB-03**
	ATC Project No.: 015.12440.0062	**Boring Location:** SW Corner of 185 Front Street (vacant lot)
	ATC Task No.: 01	
Driller: Zebra	**Drilling Method:** Geoprobe	
Inspector: John Mascioli	**Sampling Method:** Macro Core (2" diam.)	
Groundwater: Not Encountered		**Date:** July 9, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0	SB-03 (0-2') - Composite	0	0-2" Asphalt
	SB-03 (1.5-2') - Grab	0	0-5' Brown- Dark Brown, Silty Sand, Trace of Brick and Gravel (Fill)
5		0	5-10' Little Recovery, Gravel (Fill)
10		0	10-13' Brown Fine- Med Sand, Trace of Brick and Gravel (Fill)
		0	13-15' Brown Fine Silty Sand
15		0	15-20' Brown Sandy Silt
20	SB-03 (18-20') - Composite		
	SB-03 (19.5-20') - Grab		End of boring @ 20' below ground surface
25			

BORING LOG

ATC Associates Inc. **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Watchtower Bible and Track Society of New York, Inc.	**Boring No.:** **SB-04**
	ATC Project No.: 015.12440.0062	**Boring Location:** SE Corner of 185 Front Street (vacant lot)
	ATC Task No.: 01	
Driller: Zebra	**Drilling Method:** Geoprobe	
Inspector: John Mascioli	**Sampling Method:** Macro Core (2" diam.)	
Groundwater: Not Encountered		**Date:** July 9, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0	SB-04 (0-2') - Composite	0	0-2" Asphalt
	SB-04 (1.5-2') - Grab	0	0-5' Brownish-Orange Silt
5		0	5-20 Brown Silt
10			
15			
	SB-04 (18-20') - Composite		
20	SB-04 (19.5-20') - Grab		End of boring @ 20' below ground surface
25			

BORING LOG

ATC Associates Inc. **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:**	Watchtower Bible and Track Society of New York, Inc.	**Boring No.:** **SB-05**
	ATC Project No.:	015.12440.0062	**Boring Location:** North Boring inside 177 Front Street
	ATC Task No.:	01	
Driller: Zebra	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: Not Encountered			**Date:** July 9, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0	SB-05 (0-2') - Composite	0	0-2" Asphalt
	SB-05 (1.5-2') - Grab	0	0-5' Light Brown Fine Silty Sand
5		0	5-10' Light Brown Fine Silty Sand
10		0	10-20' Light Brown Fine Sand
15			
	SB-05 (18-20') - Composite		
20	SB-05 (19.5-20') - Grab		End of boring @ 20' below ground surface
25			

BORING LOG

ATC Associates Inc. **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Watchtower Bible and Track Society of New York, Inc.	**Boring No.:** **SB-06**
	ATC Project No.: 015.12440.0062	**Boring Location:** South Boring inside 177 Front Street
	ATC Task No.: 01	
Driller: Zebra	**Drilling Method:** Geoprobe	
Inspector: John Mascioli	**Sampling Method:** Macro Core (2" diam.)	
Groundwater: Not Encountered		**Date:** July 9, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0	SB-06 (0-2') - Composite	0	0-2" Asphalt
	SB-06 (1.5-2') - Grab	0	0-20' Brown Fine Sand
5			
10			
15			
		290	Staining and odor noted at approximately 19' b.g.s.
20	SB-06 (18-20') - Composite		
	SB-06 (19.-19.5') - Grab		End of boring @ 20' below ground surface
25			

BORING LOG

ATC Associates Inc. **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:**	Watchtower Bible and Track Society of New York, Inc.	**Boring No.:** **SB-07**
	ATC Project No.:	015.12440.0062	**Boring Location:** 173 Front Street
	ATC Task No.:	01	
Driller: Zebra	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: Not Encountered			**Date:** July 9, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0	SB-07 (0-2') - Composite	0	Surface=Gravel
	SB-07 (1.5-2') - Grab	0	0-8' Brown Sand, Gravel, Trace of Brick (Fill)
5			
		0	8-20' Brown Fine Sandy Silt
10			
15			
	SB-07 (18-20') - Composite		
20	SB-07 (19.5-20') - Grab		End of boring @ 20' below ground surface
25			

ATTACHMENT E

TEMPORARY WELL POINT LOGS

TEMPORARY WELL POINT LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Fulton South Development LLC	**Temp. Well No.:** **MW-1**
	ATC Project No.: 015.38242.0024	**Temp. Well Location:**
	ATC Task No.: 01	**See Figures 3 and 4**
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli		
Groundwater: 48'		**Date:** June 6, 2013

Depth (ft.)	Well Point Construction	Sample Interval	Recovery (ft.)	PID Reading (ppm)
0	RISER			
10				
20				
25				
30				
35				
40				
45				
▼ 50				
60	SCREEN			

Comments and Field Observations

MW-1 was advanced adjacent to SB-02. Lithology and field observations noted to 15' bgs are included in the boring log for SB-02.

Temporary Well Point Construction Details

Total Depth:	60 feet	**Slot Size:**	No. 20
Diameter:	1 inch	**Depth to gw:**	48 feet
Riser Interval:	0-45 feet	**Date Installed:**	6/6/12
Screen Interval:	45-60 feet	**Date Abandoned:**	6/11/12

End of TWP @ 60 feet below ground surface.

TEMPORARY WELL POINT LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Fulton South Development LLC	**Temp. Well No.:** **MW-2**
	ATC Project No.: 015.38242.0024	**Temp. Well Location:**
	ATC Task No.: 01	**See Figures 3 and 4**
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli		
Groundwater: 50'		**Date:** June 6, 2013

Depth (ft.)	Well Point Construction	Sample Interval	Recovery (ft.)	PID Reading (ppm)
0	RISER			
10				
20				
25				
30				
35				
40				
45				
50▼				
	SCREEN			
60				

Comments and Field Observations

MW-2 was advanced adjacent to SB-03. Lithology and field observations noted to 15' bgs are included in the boring log for SB-03.

Temporary Well Point Construction Details

Total Depth:	60 feet	**Slot Size:**	No. 20
Diameter:	1 inch	**Depth to gw:**	50 feet
Riser Interval:	0-45 feet	**Date Installed:**	6/6/12
Screen Interval:	45-60 feet	**Date Abandoned:**	6/11/12

End of TWP @ 60 feet below ground surface.

TEMPORARY WELL POINT LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Fulton South Development LLC	**Temp. Well No.:** **MW-3**
	ATC Project No.: 015.38242.0024	**Temp. Well Location:**
	ATC Task No.: 01	
		See Figures 3 and 4
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli		
Groundwater: 49'		**Date:** June 6, 2013

Depth (ft.)	Well Point Construction	Sample Interval	Recovery (ft.)	PID Reading (ppm)
0				
10				
20				
25				
30	RISER			
35				
40				
45				
▼ 50				
60	SCREEN			

Comments and Field Observations

MW-3 was advanced adjacent to SB-04. Lithology and field observations noted to 15' bgs are included in the boring log for SB-04.

Temporary Well Point Construction Details

Total Depth:	60 feet	**Slot Size:**	No. 20
Diameter:	1 inch	**Depth to gw:**	49 feet
Riser Interval:	0-45 feet	**Date Installed:**	6/6/12
Screen Interval:	45-60 feet	**Date Abandoned:**	6/11/12

End of TWP @ 60 feet below ground surface.

ATTACHMENT F

SOIL VAPOR SAMPLE LOG

ATC Associates, Inc.

104 East 25th Street
New York, New York 10010
(212) 353-8280

SOIL VAPOR SAMPLE LOG

Driller: Zebra

ATC Inspector: John J. Mascioli

Client: Watchtower Bible and Tract Society of New York

Project Number: 015.12440.0062

Task Number: 01

Project Name: Phase II ESI

Project Location: 173, 177 and 185 Front Street. Brooklyn, NY

Project Manager: Matthew Mankovich

Sample Identification	**SV-01**	**SV-02**	**SV-03**	**SV-04**	**SV-05**	**SV-06**	**SV-07**	**Ambient Air**
Sample Date	7.11.12	7.11.12	7.11.12	7.11.12	7.11.12	7.11.12	7.11.12	7.11.12
Sample Time	09:05	09:15	09:50	10:05	10:39	10:45	10:50	11:05
Sampling Depth	5’	5’	5’	5’	2”	2”	2”	NA
Sampling Method/Analysis	TO-15	TO-15	TO-15	TO-15	TO-15	TO-15	TO-15	TO-15
Sample Can ID	10260	10311	10275	10315	10056	10593	10293	10326
Sample Flow Controller ID	10555	10695	10107	10637	10784	10633	10570	10619
Canister Vacuum-Pre Sample	-30	-30	-30	-30	-24	-30	-30	-30
Canister Vacuum-Post Sample	-7.5	-4	-4	-4	0	-2	-7	-3.5
Volume of Soil Vapor Extracted	~ 6 Liters	~ 6 Liters	~ 6 Liters	~ 6 Liters	~ 6 Liters	~ 6 Liters	~ 6 Liters	~ 6 Liters
Moisture Content	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry

ATTACHMENT G

LABORATORY ANALYTICAL RESULTS

CHEMTECH

DATA FOR

VOLATILE ORGANICS

SEMI-VOLATILE ORGANICS

GC SEMI-VOLATILES

METALS

PROJECT NAME : FRONT STREET BROOKLYN PROJECT

ATC ASSOCIATES, INC.

104 East 25th Street

New York, NY - 10010

Phone No: 212-353-8280

ORDER ID : D3340

ATTENTION : Matt Mankovich

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 07/18/2012

Dear Matt Mankovich,

20 soil samples for the **Front Street Brooklyn project** project were received on **07/11/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The requested EDD is also attached to the e-mail.

The invoice for this workorder is also attached to the e-mail.

Regards,

CHRISTOPHER WOLSKI

908-728 3149

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

D3340

CHEMTECH PROJECT NO.
QUOTE NO.
COC Number 027471

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ATC Associates Inc.
ADDRESS: 104 East 25 Street
CITY: New York STATE: NY ZIP: 10010
ATTENTION: Matt Mankovich
PHONE: 212 432 8504 FAX: 212 979 8447

CLIENT PROJECT INFORMATION

PROJECT NAME: WATCHTOWER
PROJECT NO. 15.12440.0062 LOCATION: DUMBO
PROJECT MANAGER: Matt Mankovich
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: ATC PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: DAYS *
HARD COPY: 5 DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☒ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format:

ANALYSIS

1 TCL VOCs
2 TCL SVOCs
3 TAL Metals
4 Pesticides
5 PCBs
6
7
8
9

PRESERVATIVES

	1	2	3	4	5	6	7	8	9
	E	E	E	E	E				

COMMENTS

← Specify Preservatives
A-HCl B-HNO_3
C-H_2SO_4 D-NaOH
E-ICE F-Other

For each sample the VOCs are grab and the remainder of parameters are composite samples

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	SB-01 (0-2')	Soil	X	X	7.9.12	0940	2	X	X	X	X	X				
2.	SB-01 (18-20')	Soil	X	X	7.9.12	0955	2	X	X	X	X	X				
3.	SB-02 (0-2')	Soil	X	X	7.9.12	1035	2	X	X	X	X	X				
4.	SB-02 (18-20')	Soil	X	X	7.9.12	1045	2	X	X	X	X	X				
5.	SB-03 (0-2')	Soil	X	X	7.9.12	1100	2	X	X	X	X	X				
6.	SB-03 (18-20')	Soil	X	X	7.9.12	1110	2	X	X	X	X	X				
7.	SB-04 (0-2')	Soil	X	X	7.9.12	1130	2	X	X	X	X	X				
8.	SB-04 (18-20')	Soil	X	X	7.9.12	1145	2	X	X	X	X	X				
9.	SB-05 (0-2')	Soil	X	X	7.9.12	1410	2	X	X	X	X	X				
10.	SB-05 (18-20')	Soil	X	X	7.9.12	1430	2	X	X	X	X	X				

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/11/12 1215	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.	7-11-12 1255	3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
Cooler Temp. 6°C
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:
Ice in Cooler?: ✓

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☒ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO.
COC Number 027470

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ATC Associates Inc.
ADDRESS: 104 East 25 Street
CITY: New York STATE: NY ZIP: 10010
ATTENTION: Matt Mankovich
PHONE: 212 432 8504 FAX: 212 979 8447

CLIENT PROJECT INFORMATION

PROJECT NAME: WATCHTOWER
PROJECT NO: 15.12440.0002 LOCATION: DUMBO
PROJECT MANAGER: Matt Mankovich
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: ATC PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: 5 DAYS *
PREAPPROVED TAT: ☒ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others _____
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format: _____

ANALYSIS

1 TCL VOCs
2 TCL SVOCs
3 TAL Metals
4 Pesticides
5 PCBs
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E	E	E	E	E					← Specify Preservatives A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other
1.	SB-06 (0-2')	Soil	X	X	7.9.12	1440	2	X	X	X	X	X					
2.	SB-06 (18-20')	Soil	X	X	7.9.12	1455	2	X	X	X	X	X					
3.	SB-07 (0-2')	Soil	X	X	7.9.12	1535	2	X	X	X	X	X					
4.	SB-07 (18-20')	Soil	X	X	7.9.12	1550	2	X	X	X	X	X					
5.	SB-08 (0-2')	Soil	X	X	7.10.12	1225	2	X	X	X	X	X					
6.	SB-08 (8-10')	Soil	X	X	7.10.12	1230	2	X	X	X	X	X					(not uniform 8-10')
7.	SB-10 (0-2')	Soil	X	X	7.10.12	1425	2	X	X	X	X	X					
8.	SB-10 (18-20')	Soil	X	X	7.10.12	1440	2	X	X	X	X	X					
9.	SB-11 (0-2')	Soil	X	X	7.10.12	1505	2	X	X	X	X	X					
10.	SB-11 (18-20')	Soil	X	X	7.10.12	1515	2	X	X	X	X	X					

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: 1215 7/11/12	RECEIVED BY: 1.
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY: 3.	DATE/TIME: 7.11.12 1355	RECEIVED FOR LAB BY: 3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 6°C
Ice in Cooler?: ✓

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☒ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	4930		1	0.76	2.275	4.55	mg/Kg	07/12/12	07/13/12	SW6010B
7440-36-0	Antimony	0.51	U	1	0.51	1.14	2.28	mg/Kg	07/12/12	07/13/12	SW6010B
7440-38-2	Arsenic	10.5	*	1	0.3	0.455	0.91	mg/Kg	07/12/12	07/13/12	SW6010B
7440-39-3	Barium	89	*	1	0.36	2.275	4.55	mg/Kg	07/12/12	07/13/12	SW6010B
7440-41-7	Beryllium	0.38		1	0.05	0.135	0.27	mg/Kg	07/12/12	07/13/12	SW6010B
7440-43-9	Cadmium	0.05	U	1	0.05	0.135	0.27	mg/Kg	07/12/12	07/13/12	SW6010B
7440-70-2	Calcium	2220		1	0.97	45.5	91	mg/Kg	07/12/12	07/13/12	SW6010B
7440-47-3	Chromium	13.4		1	0.12	0.23	0.46	mg/Kg	07/12/12	07/13/12	SW6010B
7440-48-4	Cobalt	7.03		1	0.52	0.685	1.37	mg/Kg	07/12/12	07/13/12	SW6010B
7440-50-8	Copper	44.5	*	1	0.29	0.455	0.91	mg/Kg	07/12/12	07/13/12	SW6010B
7439-89-6	Iron	19100		1	1.21	2.275	4.55	mg/Kg	07/12/12	07/13/12	SW6010B
7439-92-1	Lead	172	N*	1	0.11	0.275	0.55	mg/Kg	07/12/12	07/13/12	SW6010B
7439-95-4	Magnesium	2590		1	4.17	45.5	91	mg/Kg	07/12/12	07/13/12	SW6010B
7439-96-5	Manganese	282		1	0.17	0.455	0.91	mg/Kg	07/12/12	07/13/12	SW6010B
7439-97-6	Mercury	0.256		1	0.002	0.006	0.011	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	19.7		1	0.42	0.91	1.82	mg/Kg	07/12/12	07/13/12	SW6010B
7440-09-7	Potassium	1300		1	3.19	45.5	91	mg/Kg	07/12/12	07/13/12	SW6010B
7782-49-2	Selenium	0.37	U	1	0.37	0.455	0.91	mg/Kg	07/12/12	07/13/12	SW6010B
7440-22-4	Silver	0.14	U	1	0.14	0.23	0.46	mg/Kg	07/12/12	07/13/12	SW6010B
7440-23-5	Sodium	2.29	U	1	2.29	45.5	91	mg/Kg	07/12/12	07/13/12	SW6010B
7440-28-0	Thallium	0.53	J	1	0.25	0.91	1.82	mg/Kg	07/12/12	07/13/12	SW6010B
7440-62-2	Vanadium	23.5		1	0.54	0.91	1.82	mg/Kg	07/12/12	07/13/12	SW6010B
7440-66-6	Zinc	137	*	1	0.64	0.91	1.82	mg/Kg	07/12/12	07/13/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	10.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009174.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	11	U	11	28	56	ug/Kg
11104-28-2	Aroclor-1221	11	U	11	28	56	ug/Kg
11141-16-5	Aroclor-1232	24	U	24	28	56	ug/Kg
53469-21-9	Aroclor-1242	11	U	11	28	56	ug/Kg
12672-29-6	Aroclor-1248	22	U	22	28	56	ug/Kg
11097-69-1	Aroclor-1254	4.9	U	4.9	28	56	ug/Kg
11096-82-5	Aroclor-1260	13	U	13	28	56	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.6		10 - 166		83%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		60 - 125		107%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.2 Decanted:
Sample Wt/Vol:	10.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011830.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.43	U	0.43	2.8	5.6	ug/Kg
319-85-7	beta-BHC	0.59	U	0.59	2.8	5.6	ug/Kg
319-86-8	delta-BHC	0.33	U	0.33	2.8	5.6	ug/Kg
58-89-9	gamma-BHC	0.49	U	0.49	2.8	5.6	ug/Kg
76-44-8	Heptachlor	0.46	U	0.46	2.8	5.6	ug/Kg
309-00-2	Aldrin	0.33	U	0.33	2.8	5.6	ug/Kg
1024-57-3	Heptachlor epoxide	0.53	U	0.53	2.8	5.6	ug/Kg
959-98-8	Endosulfan I	0.49	U	0.49	2.8	5.6	ug/Kg
60-57-1	Dieldrin	0.43	U	0.43	2.8	5.6	ug/Kg
72-55-9	4,4-DDE	0.66	U	0.66	2.8	5.6	ug/Kg
72-20-8	Endrin	0.59	U	0.59	2.8	5.6	ug/Kg
33213-65-9	Endosulfan II	0.46	U	0.46	2.8	5.6	ug/Kg
72-54-8	4,4-DDD	0.56	U	0.56	2.8	5.6	ug/Kg
1031-07-8	Endosulfan Sulfate	0.49	U	0.49	2.8	5.6	ug/Kg
50-29-3	4,4-DDT	0.46	U	0.46	2.8	5.6	ug/Kg
72-43-5	Methoxychlor	0.56	U	0.56	2.8	5.6	ug/Kg
53494-70-5	Endrin ketone	0.43	U	0.43	2.8	5.6	ug/Kg
7421-93-4	Endrin aldehyde	0.49	U	0.49	2.8	5.6	ug/Kg
5103-71-9	alpha-Chlordane	0.46	U	0.46	2.8	5.6	ug/Kg
5103-74-2	gamma-Chlordane	0.43	U	0.43	2.8	5.6	ug/Kg
8001-35-2	Toxaphene	11	U	11	28	56	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	34.2	*	10 - 169		171%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		31 - 151		107%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.2 Decanted:
Sample Wt/Vol:	10.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011830.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-01RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.2 Decanted:
Sample Wt/Vol:	10.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011913.D	1	07/12/12	07/13/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.43	U	0.43	2.8	5.6	ug/Kg
319-85-7	beta-BHC	0.59	U	0.59	2.8	5.6	ug/Kg
319-86-8	delta-BHC	0.33	U	0.33	2.8	5.6	ug/Kg
58-89-9	gamma-BHC	0.49	U	0.49	2.8	5.6	ug/Kg
76-44-8	Heptachlor	0.46	U	0.46	2.8	5.6	ug/Kg
309-00-2	Aldrin	0.33	U	0.33	2.8	5.6	ug/Kg
1024-57-3	Heptachlor epoxide	0.53	U	0.53	2.8	5.6	ug/Kg
959-98-8	Endosulfan I	0.49	U	0.49	2.8	5.6	ug/Kg
60-57-1	Dieldrin	0.43	U	0.43	2.8	5.6	ug/Kg
72-55-9	4,4-DDE	0.66	U	0.66	2.8	5.6	ug/Kg
72-20-8	Endrin	0.59	U	0.59	2.8	5.6	ug/Kg
33213-65-9	Endosulfan II	0.46	U	0.46	2.8	5.6	ug/Kg
72-54-8	4,4-DDD	0.56	U	0.56	2.8	5.6	ug/Kg
1031-07-8	Endosulfan Sulfate	0.49	U	0.49	2.8	5.6	ug/Kg
50-29-3	4,4-DDT	0.46	U	0.46	2.8	5.6	ug/Kg
72-43-5	Methoxychlor	0.56	U	0.56	2.8	5.6	ug/Kg
53494-70-5	Endrin ketone	0.43	U	0.43	2.8	5.6	ug/Kg
7421-93-4	Endrin aldehyde	0.49	U	0.49	2.8	5.6	ug/Kg
5103-71-9	alpha-Chlordane	0.46	U	0.46	2.8	5.6	ug/Kg
5103-74-2	gamma-Chlordane	0.43	U	0.43	2.8	5.6	ug/Kg
8001-35-2	Toxaphene	11	U	11	28	56	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	28.9		10 - 169		144%	SPK: 20
877-09-8	Tetrachloro-m-xylene	28.5		31 - 151		142%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-01RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.2 Decanted:
Sample Wt/Vol:	10.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011913.D	1	07/12/12	07/13/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	10.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057409.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	57	U	57	550	1100	ug/Kg
108-95-2	Phenol	25	U	25	550	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52	U	52	550	1100	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	550	1100	ug/Kg
95-48-7	2-Methylphenol	59	U	59	550	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	550	1100	ug/Kg
98-86-2	Acetophenone	33	U	33	550	1100	ug/Kg
65794-96-9	3+4-Methylphenols	57	U	57	550	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	550	1100	ug/Kg
67-72-1	Hexachloroethane	49	U	49	550	1100	ug/Kg
98-95-3	Nitrobenzene	41	U	41	550	1100	ug/Kg
78-59-1	Isophorone	36	U	36	550	1100	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	550	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	62	U	62	550	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63	U	63	550	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	550	1100	ug/Kg
91-20-3	Naphthalene	38	U	38	550	1100	ug/Kg
106-47-8	4-Chloroaniline	77	U	77	550	1100	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	550	1100	ug/Kg
105-60-2	Caprolactam	51	U	51	550	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	550	1100	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	550	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	550	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33	U	33	550	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	U	77	550	1100	ug/Kg
92-52-4	1,1-Biphenyl	41	U	41	550	1100	ug/Kg
91-58-7	2-Chloronaphthalene	25	U	25	550	1100	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	550	1100	ug/Kg
131-11-3	Dimethylphthalate	490	J	30	550	1100	ug/Kg
208-96-8	Acenaphthylene	910	J	28	550	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	45	U	45	550	1100	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	10.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057409.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	70	U	70	550	1100	ug/Kg
83-32-9	Acenaphthene	31	U	31	550	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	550	1100	ug/Kg
100-02-7	4-Nitrophenol	200	U	200	550	1100	ug/Kg
132-64-9	Dibenzofuran	43	U	43	550	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	550	1100	ug/Kg
84-66-2	Diethylphthalate	17	U	17	550	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	550	1100	ug/Kg
86-73-7	Fluorene	41	U	41	550	1100	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	550	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	63	U	63	550	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	550	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	21	U	21	550	1100	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	550	1100	ug/Kg
1912-24-9	Atrazine	58	U	58	550	1100	ug/Kg
87-86-5	Pentachlorophenol	75	U	75	550	1100	ug/Kg
85-01-8	Phenanthrene	3300		30	550	1100	ug/Kg
120-12-7	Anthracene	1300		22	550	1100	ug/Kg
86-74-8	Carbazole	24	U	24	550	1100	ug/Kg
84-74-2	Di-n-butylphthalate	86	U	86	550	1100	ug/Kg
206-44-0	Fluoranthene	16000	E	22	550	1100	ug/Kg
129-00-0	Pyrene	16000	E	26	550	1100	ug/Kg
85-68-7	Butylbenzylphthalate	52	UQ	52	550	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	70	550	1100	ug/Kg
56-55-3	Benzo(a)anthracene	11000	E	52	550	1100	ug/Kg
218-01-9	Chrysene	9900	E	50	550	1100	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	39	UQ	39	550	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	12	U	12	550	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	12000	E	36	550	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600		52	550	1100	ug/Kg
50-32-8	Benzo(a)pyrene	9600	E	24	550	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5700		36	550	1100	ug/Kg
53-70-3	Dibenz(a,h)anthracene	1300		31	550	1100	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	10.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057409.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	4800		44	550	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	550	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	550	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106		28 - 127		71%	SPK: 150
13127-88-3	Phenol-d5	110		34 - 127		74%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.2		31 - 132		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.7		39 - 123		88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		30 - 133		79%	SPK: 150
1718-51-0	Terphenyl-d14	83		37 - 115		83%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192815	5.83				
1146-65-2	Naphthalene-d8	687245	7.14				
15067-26-2	Acenaphthene-d10	337433	9.11				
1517-22-2	Phenanthrene-d10	546295	11.19				
1719-03-5	Chrysene-d12	404240	15.37				
1520-96-3	Perylene-d12	410932	17.73				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2200	AB			3.81	ug/Kg
112-95-8	Eicosane	360	J			11.06	ug/Kg
1599-67-3	1-Docosene	580	J			11.61	ug/Kg
610-48-0	Anthracene, 1-methyl-	920	J			11.96	ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	1300	J			12	ug/Kg
613-12-7	Anthracene, 2-methyl-	680	J			12.08	ug/Kg
203-64-5	4H-Cyclopenta[def]phenanthrene	3100	J			12.13	ug/Kg
832-69-9	Phenanthrene, 1-methyl-	800	J			12.17	ug/Kg
612-94-2	Naphthalene, 2-phenyl-	990	J			12.43	ug/Kg
1576-67-6	Phenanthrene, 3,6-dimethyl-	900	J			12.83	ug/Kg
	unknown12.88	450	J			12.88	ug/Kg
5737-13-3	Cyclopenta(def)phenanthrenone	1000	J			12.95	ug/Kg
1210-12-4	9-Anthracenecarbonitrile	510	J			13.17	ug/Kg
3442-78-2	Pyrene, 2-methyl-	390	J			13.97	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	10.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057409.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
2541-69-7	Benz[a]anthracene, 7-methyl-	330	J			16	ug/Kg
4325-74-0	1,2-Binaphthalene	480	J			16.75	ug/Kg
205-82-3	Benzo[j]fluoranthene	2700	J			17.21	ug/Kg
192-97-2	Benzo[e]pyrene	7000	J			17.53	ug/Kg
215-58-7	Benzo[b]triphenylene	1600	J			19.93	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-01DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	10.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057448.D	5	07/12/12	07/17/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	290	UD	290	2700	5400	ug/Kg
108-95-2	Phenol	130	UD	130	2700	5400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260	UD	260	2700	5400	ug/Kg
95-57-8	2-Chlorophenol	290	UD	290	2700	5400	ug/Kg
95-48-7	2-Methylphenol	300	UD	300	2700	5400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	230	UD	230	2700	5400	ug/Kg
98-86-2	Acetophenone	170	UD	170	2700	5400	ug/Kg
65794-96-9	3+4-Methylphenols	280	UD	280	2700	5400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	280	UD	280	2700	5400	ug/Kg
67-72-1	Hexachloroethane	240	UD	240	2700	5400	ug/Kg
98-95-3	Nitrobenzene	210	UD	210	2700	5400	ug/Kg
78-59-1	Isophorone	180	UD	180	2700	5400	ug/Kg
88-75-5	2-Nitrophenol	260	UD	260	2700	5400	ug/Kg
105-67-9	2,4-Dimethylphenol	310	UD	310	2700	5400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	310	UD	310	2700	5400	ug/Kg
120-83-2	2,4-Dichlorophenol	210	UD	210	2700	5400	ug/Kg
91-20-3	Naphthalene	190	UD	190	2700	5400	ug/Kg
106-47-8	4-Chloroaniline	390	UD	390	2700	5400	ug/Kg
87-68-3	Hexachlorobutadiene	200	UD	200	2700	5400	ug/Kg
105-60-2	Caprolactam	250	UD	250	2700	5400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	UD	240	2700	5400	ug/Kg
91-57-6	2-Methylnaphthalene	140	UD	140	2700	5400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UD	130	2700	5400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	UD	170	2700	5400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	380	UD	380	2700	5400	ug/Kg
92-52-4	1,1-Biphenyl	210	UD	210	2700	5400	ug/Kg
91-58-7	2-Chloronaphthalene	120	UD	120	2700	5400	ug/Kg
88-74-4	2-Nitroaniline	240	UD	240	2700	5400	ug/Kg
131-11-3	Dimethylphthalate	150	UD	150	2700	5400	ug/Kg
208-96-8	Acenaphthylene	140	UD	140	2700	5400	ug/Kg
606-20-2	2,6-Dinitrotoluene	220	UD	220	2700	5400	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-01DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	10.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057448.D	5	07/12/12	07/17/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	350	UD	350	2700	5400	ug/Kg
83-32-9	Acenaphthene	150	UD	150	2700	5400	ug/Kg
51-28-5	2,4-Dinitrophenol	560	UD	560	2700	5400	ug/Kg
100-02-7	4-Nitrophenol	1000	UD	1000	2700	5400	ug/Kg
132-64-9	Dibenzofuran	210	UD	210	2700	5400	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	UD	170	2700	5400	ug/Kg
84-66-2	Diethylphthalate	85	UD	85	2700	5400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300	UD	300	2700	5400	ug/Kg
86-73-7	Fluorene	210	UD	210	2700	5400	ug/Kg
100-01-6	4-Nitroaniline	710	UD	710	2700	5400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	UD	310	2700	5400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	UD	130	2700	5400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	UD	110	2700	5400	ug/Kg
118-74-1	Hexachlorobenzene	220	UD	220	2700	5400	ug/Kg
1912-24-9	Atrazine	290	UD	290	2700	5400	ug/Kg
87-86-5	Pentachlorophenol	370	UD	370	2700	5400	ug/Kg
85-01-8	Phenanthrene	3700	JD	150	2700	5400	ug/Kg
120-12-7	Anthracene	110	UD	110	2700	5400	ug/Kg
86-74-8	Carbazole	120	UD	120	2700	5400	ug/Kg
84-74-2	Di-n-butylphthalate	430	UD	430	2700	5400	ug/Kg
206-44-0	Fluoranthene	22000	D	110	2700	5400	ug/Kg
129-00-0	Pyrene	22000	D	130	2700	5400	ug/Kg
85-68-7	Butylbenzylphthalate	260	UDQ	260	2700	5400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	350	UD	350	2700	5400	ug/Kg
56-55-3	Benzo(a)anthracene	11000	D	260	2700	5400	ug/Kg
218-01-9	Chrysene	11000	D	250	2700	5400	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	190	UDQ	190	2700	5400	ug/Kg
117-84-0	Di-n-octyl phthalate	62	UD	62	2700	5400	ug/Kg
205-99-2	Benzo(b)fluoranthene	13000	D	180	2700	5400	ug/Kg
207-08-9	Benzo(k)fluoranthene	6600	D	260	2700	5400	ug/Kg
50-32-8	Benzo(a)pyrene	11000	D	120	2700	5400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5000	JD	180	2700	5400	ug/Kg
53-70-3	Dibenz(a,h)anthracene	160	UD	160	2700	5400	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-01DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	10.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057448.D	5	07/12/12	07/17/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	5800	D	220	2700	5400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	210	UD	210	2700	5400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	UD	210	2700	5400	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		81%	SPK: 150
13127-88-3	Phenol-d5	131		34 - 127		87%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.9		31 - 132		88%	SPK: 100
321-60-8	2-Fluorobiphenyl	108		39 - 123		109%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		30 - 133		73%	SPK: 150
1718-51-0	Terphenyl-d14	94		37 - 115		94%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216638	5.79				
1146-65-2	Naphthalene-d8	812508	7.11				
15067-26-2	Acenaphthene-d10	403731	9.07				
1517-22-2	Phenanthrene-d10	642130	11.14				
1719-03-5	Chrysene-d12	466531	15.3				
1520-96-3	Perylene-d12	403530	17.63				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	9
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034121.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.71	U	0.71	2.75	5.5	ug/Kg
74-87-3	Chloromethane	0.95	U	0.95	2.75	5.5	ug/Kg
75-01-4	Vinyl Chloride	1.4	U	1.4	2.75	5.5	ug/Kg
74-83-9	Bromomethane	2.7	U	2.7	2.75	5.5	ug/Kg
75-00-3	Chloroethane	1.5	U	1.5	2.75	5.5	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	1.5	2.75	5.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	2.75	5.5	ug/Kg
75-35-4	1,1-Dichloroethene	1.6	U	1.6	2.75	5.5	ug/Kg
67-64-1	Acetone	3.3	U	3.3	13.5	27	ug/Kg
75-15-0	Carbon Disulfide	1.2	U	1.2	2.75	5.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	1.1	2.75	5.5	ug/Kg
79-20-9	Methyl Acetate	1.7	U	1.7	2.75	5.5	ug/Kg
75-09-2	Methylene Chloride	1.6	U	1.6	2.75	5.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.76	U	0.76	2.75	5.5	ug/Kg
75-34-3	1,1-Dichloroethane	1	U	1	2.75	5.5	ug/Kg
110-82-7	Cyclohexane	1.1	U	1.1	2.75	5.5	ug/Kg
78-93-3	2-Butanone	3.4	U	3.4	13.5	27	ug/Kg
56-23-5	Carbon Tetrachloride	1.1	U	1.1	2.75	5.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.98	U	0.98	2.75	5.5	ug/Kg
74-97-5	Bromochloromethane	0.87	U	0.87	2.75	5.5	ug/Kg
67-66-3	Chloroform	0.81	U	0.81	2.75	5.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.97	U	0.97	2.75	5.5	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	1.2	2.75	5.5	ug/Kg
71-43-2	Benzene	0.42	U	0.42	2.75	5.5	ug/Kg
107-06-2	1,2-Dichloroethane	0.7	U	0.7	2.75	5.5	ug/Kg
79-01-6	Trichloroethene	0.95	U	0.95	2.75	5.5	ug/Kg
78-87-5	1,2-Dichloropropane	0.29	U	0.29	2.75	5.5	ug/Kg
75-27-4	Bromodichloromethane	0.68	U	0.68	2.75	5.5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.2	U	3.2	13.5	27	ug/Kg
108-88-3	Toluene	0.7	U	0.7	2.75	5.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.87	U	0.87	2.75	5.5	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	9
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034121.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.79	U	0.79	2.75	5.5	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.99	U	0.99	2.75	5.5	ug/Kg
591-78-6	2-Hexanone	4.3	U	4.3	13.5	27	ug/Kg
124-48-1	Dibromochloromethane	0.59	U	0.59	2.75	5.5	ug/Kg
106-93-4	1,2-Dibromoethane	0.7	U	0.7	2.75	5.5	ug/Kg
127-18-4	Tetrachloroethene	1.1	U	1.1	2.75	5.5	ug/Kg
108-90-7	Chlorobenzene	0.55	U	0.55	2.75	5.5	ug/Kg
100-41-4	Ethyl Benzene	0.68	U	0.68	2.75	5.5	ug/Kg
179601-23-1	m/p-Xylenes	0.79	U	0.79	5.5	11	ug/Kg
95-47-6	o-Xylene	0.75	U	0.75	2.75	5.5	ug/Kg
100-42-5	Styrene	0.49	U	0.49	2.75	5.5	ug/Kg
75-25-2	Bromoform	0.81	U	0.81	2.75	5.5	ug/Kg
98-82-8	Isopropylbenzene	0.53	U	0.53	2.75	5.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	0.51	2.75	5.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.41	U	0.41	2.75	5.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.45	U	0.45	2.75	5.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.68	U	0.68	2.75	5.5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.96	U	0.96	2.75	5.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.77	U	0.77	2.75	5.5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.55	U	0.55	2.75	5.5	ug/Kg
123-91-1	1,4-Dioxane	55	U	55	55	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.1		56 - 120		92%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		57 - 135		100%	SPK: 50
2037-26-5	Toluene-d8	49.3		67 - 123		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		33 - 141		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	208993	4.33				
540-36-3	1,4-Difluorobenzene	362318	5.08				
3114-55-4	Chlorobenzene-d5	360097	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	153752	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-01	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	9
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034121.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	6160		1	0.72	2.15	4.3	mg/Kg	07/12/12	07/13/12	SW6010B
7440-36-0	Antimony	0.48	U	1	0.48	1.075	2.15	mg/Kg	07/12/12	07/13/12	SW6010B
7440-38-2	Arsenic	2.57	*	1	0.28	0.43	0.86	mg/Kg	07/12/12	07/13/12	SW6010B
7440-39-3	Barium	41.9	*	1	0.34	2.15	4.3	mg/Kg	07/12/12	07/13/12	SW6010B
7440-41-7	Beryllium	0.39		1	0.05	0.13	0.26	mg/Kg	07/12/12	07/13/12	SW6010B
7440-43-9	Cadmium	0.07	J	1	0.05	0.13	0.26	mg/Kg	07/12/12	07/13/12	SW6010B
7440-70-2	Calcium	10400		1	0.92	43.05	86.1	mg/Kg	07/12/12	07/13/12	SW6010B
7440-47-3	Chromium	12.8		1	0.11	0.215	0.43	mg/Kg	07/12/12	07/13/12	SW6010B
7440-48-4	Cobalt	6.73		1	0.49	0.645	1.29	mg/Kg	07/12/12	07/13/12	SW6010B
7440-50-8	Copper	14.8	*	1	0.28	0.43	0.86	mg/Kg	07/12/12	07/13/12	SW6010B
7439-89-6	Iron	12800		1	1.14	2.15	4.3	mg/Kg	07/12/12	07/13/12	SW6010B
7439-92-1	Lead	5.79	N*	1	0.1	0.26	0.52	mg/Kg	07/12/12	07/13/12	SW6010B
7439-95-4	Magnesium	5170		1	3.94	43.05	86.1	mg/Kg	07/12/12	07/13/12	SW6010B
7439-96-5	Manganese	325		1	0.16	0.43	0.86	mg/Kg	07/12/12	07/13/12	SW6010B
7439-97-6	Mercury	0.002	U	1	0.002	0.006	0.011	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	19.3		1	0.4	0.86	1.72	mg/Kg	07/12/12	07/13/12	SW6010B
7440-09-7	Potassium	1790		1	3.01	43.05	86.1	mg/Kg	07/12/12	07/13/12	SW6010B
7782-49-2	Selenium	0.35	U	1	0.35	0.43	0.86	mg/Kg	07/12/12	07/13/12	SW6010B
7440-22-4	Silver	0.13	U	1	0.13	0.215	0.43	mg/Kg	07/12/12	07/13/12	SW6010B
7440-23-5	Sodium	78.3	J	1	2.17	43.05	86.1	mg/Kg	07/12/12	07/13/12	SW6010B
7440-28-0	Thallium	0.23	U	1	0.23	0.86	1.72	mg/Kg	07/12/12	07/13/12	SW6010B
7440-62-2	Vanadium	17.1		1	0.51	0.86	1.72	mg/Kg	07/12/12	07/13/12	SW6010B
7440-66-6	Zinc	28.9	*	1	0.6	0.86	1.72	mg/Kg	07/12/12	07/13/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	15 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009175.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.1	U	4.1	10	20	ug/Kg
11104-28-2	Aroclor-1221	4	U	4	10	20	ug/Kg
11141-16-5	Aroclor-1232	8.8	U	8.8	10	20	ug/Kg
53469-21-9	Aroclor-1242	4	U	4	10	20	ug/Kg
12672-29-6	Aroclor-1248	7.7	U	7.7	10	20	ug/Kg
11097-69-1	Aroclor-1254	1.8	U	1.8	10	20	ug/Kg
11096-82-5	Aroclor-1260	4.8	U	4.8	10	20	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.3		10 - 166		97%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		60 - 125		92%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.2 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011831.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.15	U	0.15	1	2	ug/Kg
319-85-7	beta-BHC	0.21	U	0.21	1	2	ug/Kg
319-86-8	delta-BHC	0.12	U	0.12	1	2	ug/Kg
58-89-9	gamma-BHC	0.18	U	0.18	1	2	ug/Kg
76-44-8	Heptachlor	0.16	U	0.16	1	2	ug/Kg
309-00-2	Aldrin	0.12	U	0.12	1	2	ug/Kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1	2	ug/Kg
959-98-8	Endosulfan I	0.18	U	0.18	1	2	ug/Kg
60-57-1	Dieldrin	0.15	U	0.15	1	2	ug/Kg
72-55-9	4,4-DDE	0.24	U	0.24	1	2	ug/Kg
72-20-8	Endrin	0.21	U	0.21	1	2	ug/Kg
33213-65-9	Endosulfan II	0.16	U	0.16	1	2	ug/Kg
72-54-8	4,4-DDD	0.2	U	0.2	1	2	ug/Kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	1	2	ug/Kg
50-29-3	4,4-DDT	0.16	U	0.16	1	2	ug/Kg
72-43-5	Methoxychlor	0.2	U	0.2	1	2	ug/Kg
53494-70-5	Endrin ketone	0.15	U	0.15	1	2	ug/Kg
7421-93-4	Endrin aldehyde	0.18	U	0.18	1	2	ug/Kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	1	2	ug/Kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1	2	ug/Kg
8001-35-2	Toxaphene	4	U	4	10	20	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.9		10 - 169		100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		31 - 151		106%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.2 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011831.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-02RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.2 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011914.D	1	07/12/12	07/13/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.15	U	0.15	1	2	ug/Kg
319-85-7	beta-BHC	0.21	U	0.21	1	2	ug/Kg
319-86-8	delta-BHC	0.12	U	0.12	1	2	ug/Kg
58-89-9	gamma-BHC	0.18	U	0.18	1	2	ug/Kg
76-44-8	Heptachlor	0.16	U	0.16	1	2	ug/Kg
309-00-2	Aldrin	0.12	U	0.12	1	2	ug/Kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1	2	ug/Kg
959-98-8	Endosulfan I	0.18	U	0.18	1	2	ug/Kg
60-57-1	Dieldrin	0.15	U	0.15	1	2	ug/Kg
72-55-9	4,4-DDE	0.24	U	0.24	1	2	ug/Kg
72-20-8	Endrin	0.21	U	0.21	1	2	ug/Kg
33213-65-9	Endosulfan II	0.16	U	0.16	1	2	ug/Kg
72-54-8	4,4-DDD	0.2	U	0.2	1	2	ug/Kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	1	2	ug/Kg
50-29-3	4,4-DDT	0.16	U	0.16	1	2	ug/Kg
72-43-5	Methoxychlor	0.2	U	0.2	1	2	ug/Kg
53494-70-5	Endrin ketone	0.15	U	0.15	1	2	ug/Kg
7421-93-4	Endrin aldehyde	0.18	U	0.18	1	2	ug/Kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	1	2	ug/Kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1	2	ug/Kg
8001-35-2	Toxaphene	4	U	4	10	20	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.7		10 - 169		83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		31 - 151		106%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-02RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.2 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011914.D	1	07/12/12	07/13/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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N = Presumptive Evidence of a Compound
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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	15
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057381.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	20	U	20	195	390	ug/Kg
108-95-2	Phenol	9	U	9	195	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	19	U	19	195	390	ug/Kg
95-57-8	2-Chlorophenol	21	U	21	195	390	ug/Kg
95-48-7	2-Methylphenol	21	U	21	195	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	16	U	16	195	390	ug/Kg
98-86-2	Acetophenone	12	U	12	195	390	ug/Kg
65794-96-9	3+4-Methylphenols	20	U	20	195	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	20	U	20	195	390	ug/Kg
67-72-1	Hexachloroethane	18	U	18	195	390	ug/Kg
98-95-3	Nitrobenzene	15	U	15	195	390	ug/Kg
78-59-1	Isophorone	13	U	13	195	390	ug/Kg
88-75-5	2-Nitrophenol	19	U	19	195	390	ug/Kg
105-67-9	2,4-Dimethylphenol	22	U	22	195	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	23	U	23	195	390	ug/Kg
120-83-2	2,4-Dichlorophenol	15	U	15	195	390	ug/Kg
91-20-3	Naphthalene	14	U	14	195	390	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	195	390	ug/Kg
87-68-3	Hexachlorobutadiene	14	U	14	195	390	ug/Kg
105-60-2	Caprolactam	18	U	18	195	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	17	U	17	195	390	ug/Kg
91-57-6	2-Methylnaphthalene	9.9	U	9.9	195	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	195	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	12	U	12	195	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	27	U	27	195	390	ug/Kg
92-52-4	1,1-Biphenyl	15	U	15	195	390	ug/Kg
91-58-7	2-Chloronaphthalene	8.9	U	8.9	195	390	ug/Kg
88-74-4	2-Nitroaniline	17	U	17	195	390	ug/Kg
131-11-3	Dimethylphthalate	550		11	195	390	ug/Kg
208-96-8	Acenaphthylene	9.9	U	9.9	195	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	16	U	16	195	390	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	15
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057381.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	25	U	25	195	390	ug/Kg
83-32-9	Acenaphthene	11	U	11	195	390	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	195	390	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	195	390	ug/Kg
132-64-9	Dibenzofuran	15	U	15	195	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	12	195	390	ug/Kg
84-66-2	Diethylphthalate	6.1	U	6.1	195	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	195	390	ug/Kg
86-73-7	Fluorene	15	U	15	195	390	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	195	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	22	U	22	195	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	9.4	U	9.4	195	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7.6	U	7.6	195	390	ug/Kg
118-74-1	Hexachlorobenzene	16	U	16	195	390	ug/Kg
1912-24-9	Atrazine	21	U	21	195	390	ug/Kg
87-86-5	Pentachlorophenol	27	U	27	195	390	ug/Kg
85-01-8	Phenanthrene	11	U	11	195	390	ug/Kg
120-12-7	Anthracene	8	U	8	195	390	ug/Kg
86-74-8	Carbazole	8.6	U	8.6	195	390	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	195	390	ug/Kg
206-44-0	Fluoranthene	7.9	U	7.9	195	390	ug/Kg
129-00-0	Pyrene	9.4	U	9.4	195	390	ug/Kg
85-68-7	Butylbenzylphthalate	19	UQ	19	195	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	195	390	ug/Kg
56-55-3	Benzo(a)anthracene	19	U	19	195	390	ug/Kg
218-01-9	Chrysene	18	U	18	195	390	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	14	UQ	14	195	390	ug/Kg
117-84-0	Di-n-octyl phthalate	4.5	U	4.5	195	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	13	U	13	195	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	18	U	18	195	390	ug/Kg
50-32-8	Benzo(a)pyrene	8.5	U	8.5	195	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13	U	13	195	390	ug/Kg
53-70-3	Dibenz(a,h)anthracene	11	U	11	195	390	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	15
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057381.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	16	U	16	195	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	15	U	15	195	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	195	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117		28 - 127		78%	SPK: 150
13127-88-3	Phenol-d5	122		34 - 127		81%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.3		31 - 132		91%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.6		39 - 123		95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		30 - 133		85%	SPK: 150
1718-51-0	Terphenyl-d14	84.1		37 - 115		84%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197393	5.83				
1146-65-2	Naphthalene-d8	713643	7.14				
15067-26-2	Acenaphthene-d10	342927	9.11				
1517-22-2	Phenanthrene-d10	533972	11.19				
1719-03-5	Chrysene-d12	424855	15.36				
1520-96-3	Perylene-d12	384004	17.71				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	970	AB			3.81	ug/Kg
593-45-3	Octadecane	220	J			11.07	ug/Kg
629-59-4	Tetradecane	110	J			11.72	ug/Kg
57-10-3	n-Hexadecanoic acid	3100	J			12.12	ug/Kg
57-11-4	Octadecanoic acid	2200	J			13.37	ug/Kg
1000108-92-4	Farnesol isomer a	120	J			16.91	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	15
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034122.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.76	U	0.76	2.95	5.9	ug/Kg
74-87-3	Chloromethane	1	U	1	2.95	5.9	ug/Kg
75-01-4	Vinyl Chloride	1.4	U	1.4	2.95	5.9	ug/Kg
74-83-9	Bromomethane	2.9	U	2.9	2.95	5.9	ug/Kg
75-00-3	Chloroethane	1.6	U	1.6	2.95	5.9	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	1.5	2.95	5.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	U	1.6	2.95	5.9	ug/Kg
75-35-4	1,1-Dichloroethene	1.7	U	1.7	2.95	5.9	ug/Kg
67-64-1	Acetone	3.5	U	3.5	14.5	29	ug/Kg
75-15-0	Carbon Disulfide	1.2	U	1.2	2.95	5.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	1.1	2.95	5.9	ug/Kg
79-20-9	Methyl Acetate	1.8	U	1.8	2.95	5.9	ug/Kg
75-09-2	Methylene Chloride	1.7	U	1.7	2.95	5.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.81	U	0.81	2.95	5.9	ug/Kg
75-34-3	1,1-Dichloroethane	1.1	U	1.1	2.95	5.9	ug/Kg
110-82-7	Cyclohexane	1.2	U	1.2	2.95	5.9	ug/Kg
78-93-3	2-Butanone	3.7	U	3.7	14.5	29	ug/Kg
56-23-5	Carbon Tetrachloride	1.2	U	1.2	2.95	5.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	U	1	2.95	5.9	ug/Kg
74-97-5	Bromochloromethane	0.93	U	0.93	2.95	5.9	ug/Kg
67-66-3	Chloroform	0.87	U	0.87	2.95	5.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	U	1	2.95	5.9	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	1.2	2.95	5.9	ug/Kg
71-43-2	Benzene	0.45	U	0.45	2.95	5.9	ug/Kg
107-06-2	1,2-Dichloroethane	0.75	U	0.75	2.95	5.9	ug/Kg
79-01-6	Trichloroethene	1	U	1	2.95	5.9	ug/Kg
78-87-5	1,2-Dichloropropane	0.31	U	0.31	2.95	5.9	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	0.73	2.95	5.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.4	U	3.4	14.5	29	ug/Kg
108-88-3	Toluene	0.75	U	0.75	2.95	5.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.93	U	0.93	2.95	5.9	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	15
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034122.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.85	U	0.85	2.95	5.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	2.95	5.9	ug/Kg
591-78-6	2-Hexanone	4.6	U	4.6	14.5	29	ug/Kg
124-48-1	Dibromochloromethane	0.63	U	0.63	2.95	5.9	ug/Kg
106-93-4	1,2-Dibromoethane	0.75	U	0.75	2.95	5.9	ug/Kg
127-18-4	Tetrachloroethene	1.2	U	1.2	2.95	5.9	ug/Kg
108-90-7	Chlorobenzene	0.59	U	0.59	2.95	5.9	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	2.95	5.9	ug/Kg
179601-23-1	m/p-Xylenes	0.85	U	0.85	6	12	ug/Kg
95-47-6	o-Xylene	0.8	U	0.8	2.95	5.9	ug/Kg
100-42-5	Styrene	0.53	U	0.53	2.95	5.9	ug/Kg
75-25-2	Bromoform	0.87	U	0.87	2.95	5.9	ug/Kg
98-82-8	Isopropylbenzene	0.56	U	0.56	2.95	5.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.54	U	0.54	2.95	5.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.43	U	0.43	2.95	5.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.48	U	0.48	2.95	5.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.73	U	0.73	2.95	5.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	1	2.95	5.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.82	U	0.82	2.95	5.9	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.59	U	0.59	2.95	5.9	ug/Kg
123-91-1	1,4-Dioxane	59	U	59	60	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.6		56 - 120		89%	SPK: 50
1868-53-7	Dibromofluoromethane	44.9		57 - 135		90%	SPK: 50
2037-26-5	Toluene-d8	50.3		67 - 123		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.3		33 - 141		115%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	206102	4.34				
540-36-3	1,4-Difluorobenzene	377671	5.09				
3114-55-4	Chlorobenzene-d5	392100	9.28				
3855-82-1	1,4-Dichlorobenzene-d4	205489	12.22				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-01(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	15
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034122.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	89

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7520		1	0.79	2.34	4.68	mg/Kg	07/12/12	07/13/12	SW6010B
7440-36-0	Antimony	0.52	U	1	0.52	1.17	2.34	mg/Kg	07/12/12	07/13/12	SW6010B
7440-38-2	Arsenic	8.1	*	1	0.31	0.47	0.94	mg/Kg	07/12/12	07/13/12	SW6010B
7440-39-3	Barium	193	*	1	0.37	2.34	4.68	mg/Kg	07/12/12	07/13/12	SW6010B
7440-41-7	Beryllium	0.52		1	0.06	0.14	0.28	mg/Kg	07/12/12	07/13/12	SW6010B
7440-43-9	Cadmium	0.22	J	1	0.06	0.14	0.28	mg/Kg	07/12/12	07/13/12	SW6010B
7440-70-2	Calcium	9330		1	1	46.8	93.6	mg/Kg	07/12/12	07/13/12	SW6010B
7440-47-3	Chromium	26		1	0.12	0.235	0.47	mg/Kg	07/12/12	07/13/12	SW6010B
7440-48-4	Cobalt	9.79		1	0.53	0.7	1.4	mg/Kg	07/12/12	07/13/12	SW6010B
7440-50-8	Copper	72.2	*	1	0.3	0.47	0.94	mg/Kg	07/12/12	07/13/12	SW6010B
7439-89-6	Iron	16700		1	1.25	2.34	4.68	mg/Kg	07/12/12	07/13/12	SW6010B
7439-92-1	Lead	387	N*	1	0.11	0.28	0.56	mg/Kg	07/12/12	07/13/12	SW6010B
7439-95-4	Magnesium	3530		1	4.29	46.8	93.6	mg/Kg	07/12/12	07/13/12	SW6010B
7439-96-5	Manganese	659		1	0.18	0.47	0.94	mg/Kg	07/12/12	07/13/12	SW6010B
7439-97-6	Mercury	0.463		1	0.002	0.005	0.01	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	24.5		1	0.43	0.935	1.87	mg/Kg	07/12/12	07/13/12	SW6010B
7440-09-7	Potassium	1790		1	3.28	46.8	93.6	mg/Kg	07/12/12	07/13/12	SW6010B
7782-49-2	Selenium	0.4	J	1	0.38	0.47	0.94	mg/Kg	07/12/12	07/13/12	SW6010B
7440-22-4	Silver	0.14	U	1	0.14	0.235	0.47	mg/Kg	07/12/12	07/13/12	SW6010B
7440-23-5	Sodium	113		1	2.36	46.8	93.6	mg/Kg	07/12/12	07/13/12	SW6010B
7440-28-0	Thallium	0.25	U	1	0.25	0.935	1.87	mg/Kg	07/12/12	07/13/12	SW6010B
7440-62-2	Vanadium	23.7		1	0.55	0.935	1.87	mg/Kg	07/12/12	07/13/12	SW6010B
7440-66-6	Zinc	321	*	1	0.66	0.935	1.87	mg/Kg	07/12/12	07/13/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	11 Decanted:
Sample Wt/Vol:	10.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009176.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	12	U	12	28.5	57	ug/Kg
11104-28-2	Aroclor-1221	11	U	11	28.5	57	ug/Kg
11141-16-5	Aroclor-1232	25	U	25	28.5	57	ug/Kg
53469-21-9	Aroclor-1242	11	U	11	28.5	57	ug/Kg
12672-29-6	Aroclor-1248	22	U	22	28.5	57	ug/Kg
11097-69-1	Aroclor-1254	5	U	5	28.5	57	ug/Kg
11096-82-5	Aroclor-1260	14	U	14	28.5	57	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.5		10 - 166		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		60 - 125		109%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	11 Decanted:
Sample Wt/Vol:	10.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011832.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.43	U	0.43	2.85	5.7	ug/Kg
319-85-7	beta-BHC	0.6	U	0.6	2.85	5.7	ug/Kg
319-86-8	delta-BHC	0.33	U	0.33	2.85	5.7	ug/Kg
58-89-9	gamma-BHC	0.5	U	0.5	2.85	5.7	ug/Kg
76-44-8	Heptachlor	0.47	U	0.47	2.85	5.7	ug/Kg
309-00-2	Aldrin	0.33	U	0.33	2.85	5.7	ug/Kg
1024-57-3	Heptachlor epoxide	0.54	U	0.54	2.85	5.7	ug/Kg
959-98-8	Endosulfan I	0.5	U	0.5	2.85	5.7	ug/Kg
60-57-1	Dieldrin	0.43	U	0.43	2.85	5.7	ug/Kg
72-55-9	4,4-DDE	0.67	U	0.67	2.85	5.7	ug/Kg
72-20-8	Endrin	0.6	U	0.6	2.85	5.7	ug/Kg
33213-65-9	Endosulfan II	0.47	U	0.47	2.85	5.7	ug/Kg
72-54-8	4,4-DDD	0.57	U	0.57	2.85	5.7	ug/Kg
1031-07-8	Endosulfan Sulfate	0.5	U	0.5	2.85	5.7	ug/Kg
50-29-3	4,4-DDT	0.47	U	0.47	2.85	5.7	ug/Kg
72-43-5	Methoxychlor	0.57	U	0.57	2.85	5.7	ug/Kg
53494-70-5	Endrin ketone	0.43	U	0.43	2.85	5.7	ug/Kg
7421-93-4	Endrin aldehyde	0.5	U	0.5	2.85	5.7	ug/Kg
5103-71-9	alpha-Chlordane	0.47	U	0.47	2.85	5.7	ug/Kg
5103-74-2	gamma-Chlordane	0.43	U	0.43	2.85	5.7	ug/Kg
8001-35-2	Toxaphene	11	U	11	28.5	57	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	24		10 - 169		120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		31 - 151		90%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	11 Decanted:
Sample Wt/Vol:	10.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011832.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-03RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	11 Decanted:
Sample Wt/Vol:	10.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011915.D	1	07/12/12	07/13/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.43	U	0.43	2.85	5.7	ug/Kg
319-85-7	beta-BHC	0.6	U	0.6	2.85	5.7	ug/Kg
319-86-8	delta-BHC	0.33	U	0.33	2.85	5.7	ug/Kg
58-89-9	gamma-BHC	0.5	U	0.5	2.85	5.7	ug/Kg
76-44-8	Heptachlor	0.47	U	0.47	2.85	5.7	ug/Kg
309-00-2	Aldrin	0.33	U	0.33	2.85	5.7	ug/Kg
1024-57-3	Heptachlor epoxide	0.54	U	0.54	2.85	5.7	ug/Kg
959-98-8	Endosulfan I	0.5	U	0.5	2.85	5.7	ug/Kg
60-57-1	Dieldrin	0.43	U	0.43	2.85	5.7	ug/Kg
72-55-9	4,4-DDE	0.67	U	0.67	2.85	5.7	ug/Kg
72-20-8	Endrin	0.6	U	0.6	2.85	5.7	ug/Kg
33213-65-9	Endosulfan II	0.47	U	0.47	2.85	5.7	ug/Kg
72-54-8	4,4-DDD	0.57	U	0.57	2.85	5.7	ug/Kg
1031-07-8	Endosulfan Sulfate	0.5	U	0.5	2.85	5.7	ug/Kg
50-29-3	4,4-DDT	0.47	U	0.47	2.85	5.7	ug/Kg
72-43-5	Methoxychlor	0.57	U	0.57	2.85	5.7	ug/Kg
53494-70-5	Endrin ketone	0.43	U	0.43	2.85	5.7	ug/Kg
7421-93-4	Endrin aldehyde	0.5	U	0.5	2.85	5.7	ug/Kg
5103-71-9	alpha-Chlordane	0.47	U	0.47	2.85	5.7	ug/Kg
5103-74-2	gamma-Chlordane	0.43	U	0.43	2.85	5.7	ug/Kg
8001-35-2	Toxaphene	11	U	11	28.5	57	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	23.1		10 - 169		115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26		31 - 151		130%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-03RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	11 Decanted:
Sample Wt/Vol:	10.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011915.D	1	07/12/12	07/13/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057408.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	58	U	58	550	1100	ug/Kg
108-95-2	Phenol	26	U	26	550	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	550	1100	ug/Kg
95-57-8	2-Chlorophenol	59	U	59	550	1100	ug/Kg
95-48-7	2-Methylphenol	61	U	61	550	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	550	1100	ug/Kg
98-86-2	Acetophenone	34	U	34	550	1100	ug/Kg
65794-96-9	3+4-Methylphenols	58	U	58	550	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	550	1100	ug/Kg
67-72-1	Hexachloroethane	50	U	50	550	1100	ug/Kg
98-95-3	Nitrobenzene	42	U	42	550	1100	ug/Kg
78-59-1	Isophorone	37	U	37	550	1100	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	550	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	64	550	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	65	U	65	550	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	550	1100	ug/Kg
91-20-3	Naphthalene	760	J	39	550	1100	ug/Kg
106-47-8	4-Chloroaniline	79	U	79	550	1100	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	550	1100	ug/Kg
105-60-2	Caprolactam	52	U	52	550	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	550	1100	ug/Kg
91-57-6	2-Methylnaphthalene	510	J	28	550	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	550	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34	U	34	550	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79	U	79	550	1100	ug/Kg
92-52-4	1,1-Biphenyl	42	U	42	550	1100	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	550	1100	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	550	1100	ug/Kg
131-11-3	Dimethylphthalate	1400		30	550	1100	ug/Kg
208-96-8	Acenaphthylene	28	U	28	550	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	550	1100	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057408.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	72	U	72	550	1100	ug/Kg
83-32-9	Acenaphthene	1600		32	550	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	550	1100	ug/Kg
100-02-7	4-Nitrophenol	210	U	210	550	1100	ug/Kg
132-64-9	Dibenzofuran	1000	J	44	550	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	550	1100	ug/Kg
84-66-2	Diethylphthalate	17	U	17	550	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	550	1100	ug/Kg
86-73-7	Fluorene	1800		42	550	1100	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	550	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	64	U	64	550	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	550	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	22	U	22	550	1100	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	550	1100	ug/Kg
1912-24-9	Atrazine	59	U	59	550	1100	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	550	1100	ug/Kg
85-01-8	Phenanthrene	16000	E	30	550	1100	ug/Kg
120-12-7	Anthracene	4400		23	550	1100	ug/Kg
86-74-8	Carbazole	990	J	25	550	1100	ug/Kg
84-74-2	Di-n-butylphthalate	88	U	88	550	1100	ug/Kg
206-44-0	Fluoranthene	18000	E	23	550	1100	ug/Kg
129-00-0	Pyrene	19000	E	27	550	1100	ug/Kg
85-68-7	Butylbenzylphthalate	54	UQ	54	550	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	550	1100	ug/Kg
56-55-3	Benzo(a)anthracene	11000	E	53	550	1100	ug/Kg
218-01-9	Chrysene	11000	E	51	550	1100	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	40	UQ	40	550	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	13	U	13	550	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	11000	E	37	550	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	3800		53	550	1100	ug/Kg
50-32-8	Benzo(a)pyrene	9700	E	24	550	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5800		37	550	1100	ug/Kg
53-70-3	Dibenz(a,h)anthracene	1300		32	550	1100	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057408.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	5800		45	550	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	550	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	550	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121		28 - 127		81%	SPK: 150
13127-88-3	Phenol-d5	124		34 - 127		83%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.5		31 - 132		98%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		39 - 123		102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		87%	SPK: 150
1718-51-0	Terphenyl-d14	94.3		37 - 115		94%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201009	5.83				
1146-65-2	Naphthalene-d8	690978	7.14				
15067-26-2	Acenaphthene-d10	336696	9.11				
1517-22-2	Phenanthrene-d10	531454	11.19				
1719-03-5	Chrysene-d12	408330	15.37				
1520-96-3	Perylene-d12	410876	17.73				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3100	AB			3.81	ug/Kg
486-25-9	9H-Fluoren-9-one	840	J			10.9	ug/Kg
	unknown10.98	820	J			10.98	ug/Kg
132-65-0	Dibenzothiophene	1000	J			11.03	ug/Kg
630-02-4	Octacosane	760	J			11.07	ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	3500	J			11.96	ug/Kg
949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	4500	J			12.01	ug/Kg
832-69-9	Phenanthrene, 1-methyl-	1800	J			12.08	ug/Kg
203-64-5	4H-Cyclopenta[def]phenanthrene	5800	J			12.13	ug/Kg
613-12-7	Anthracene, 2-methyl-	2600	J			12.17	ug/Kg
6572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	2400	J			12.44	ug/Kg
3674-69-9	Phenanthrene, 4,5-dimethyl-	1300	J			12.66	ug/Kg
1576-69-8	Phenanthrene, 2,7-dimethyl-	990	J			12.72	ug/Kg
2789-88-0	di-p-Tolylacetylene	770	J			12.75	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057408.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
3674-66-6	Phenanthrene, 2,5-dimethyl-	2900	J			12.83	ug/Kg
1576-67-6	Phenanthrene, 3,6-dimethyl-	1300	J			12.88	ug/Kg
200-23-7	Benzo[kl]xanthene	1000	J			13.18	ug/Kg
192-97-2	Benzo[e]pyrene	8100	J			17.53	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-03DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057449.D	5	07/12/12	07/17/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	290	UD	290	2750	5500	ug/Kg
108-95-2	Phenol	130	UD	130	2750	5500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	UD	270	2750	5500	ug/Kg
95-57-8	2-Chlorophenol	300	UD	300	2750	5500	ug/Kg
95-48-7	2-Methylphenol	300	UD	300	2750	5500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	230	UD	230	2750	5500	ug/Kg
98-86-2	Acetophenone	170	UD	170	2750	5500	ug/Kg
65794-96-9	3+4-Methylphenols	290	UD	290	2750	5500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	280	UD	280	2750	5500	ug/Kg
67-72-1	Hexachloroethane	250	UD	250	2750	5500	ug/Kg
98-95-3	Nitrobenzene	210	UD	210	2750	5500	ug/Kg
78-59-1	Isophorone	180	UD	180	2750	5500	ug/Kg
88-75-5	2-Nitrophenol	270	UD	270	2750	5500	ug/Kg
105-67-9	2,4-Dimethylphenol	320	UD	320	2750	5500	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	320	UD	320	2750	5500	ug/Kg
120-83-2	2,4-Dichlorophenol	210	UD	210	2750	5500	ug/Kg
91-20-3	Naphthalene	190	UD	190	2750	5500	ug/Kg
106-47-8	4-Chloroaniline	390	UD	390	2750	5500	ug/Kg
87-68-3	Hexachlorobutadiene	200	UD	200	2750	5500	ug/Kg
105-60-2	Caprolactam	260	UD	260	2750	5500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	UD	250	2750	5500	ug/Kg
91-57-6	2-Methylnaphthalene	140	UD	140	2750	5500	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	UD	140	2750	5500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	UD	170	2750	5500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	390	UD	390	2750	5500	ug/Kg
92-52-4	1,1-Biphenyl	210	UD	210	2750	5500	ug/Kg
91-58-7	2-Chloronaphthalene	130	UD	130	2750	5500	ug/Kg
88-74-4	2-Nitroaniline	250	UD	250	2750	5500	ug/Kg
131-11-3	Dimethylphthalate	150	UD	150	2750	5500	ug/Kg
208-96-8	Acenaphthylene	140	UD	140	2750	5500	ug/Kg
606-20-2	2,6-Dinitrotoluene	230	UD	230	2750	5500	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-03DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057449.D	5	07/12/12	07/17/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	360	UD	360	2750	5500	ug/Kg
83-32-9	Acenaphthene	160	UD	160	2750	5500	ug/Kg
51-28-5	2,4-Dinitrophenol	570	UD	570	2750	5500	ug/Kg
100-02-7	4-Nitrophenol	1000	UD	1000	2750	5500	ug/Kg
132-64-9	Dibenzofuran	220	UD	220	2750	5500	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	UD	170	2750	5500	ug/Kg
84-66-2	Diethylphthalate	87	UD	87	2750	5500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300	UD	300	2750	5500	ug/Kg
86-73-7	Fluorene	210	UD	210	2750	5500	ug/Kg
100-01-6	4-Nitroaniline	730	UD	730	2750	5500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	320	UD	320	2750	5500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	UD	130	2750	5500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	UD	110	2750	5500	ug/Kg
118-74-1	Hexachlorobenzene	230	UD	230	2750	5500	ug/Kg
1912-24-9	Atrazine	300	UD	300	2750	5500	ug/Kg
87-86-5	Pentachlorophenol	380	UD	380	2750	5500	ug/Kg
85-01-8	Phenanthrene	22000	D	150	2750	5500	ug/Kg
120-12-7	Anthracene	4900	JD	110	2750	5500	ug/Kg
86-74-8	Carbazole	120	UD	120	2750	5500	ug/Kg
84-74-2	Di-n-butylphthalate	440	UD	440	2750	5500	ug/Kg
206-44-0	Fluoranthene	25000	D	110	2750	5500	ug/Kg
129-00-0	Pyrene	28000	D	130	2750	5500	ug/Kg
85-68-7	Butylbenzylphthalate	270	UDQ	270	2750	5500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	360	UD	360	2750	5500	ug/Kg
56-55-3	Benzo(a)anthracene	12000	D	270	2750	5500	ug/Kg
218-01-9	Chrysene	13000	D	250	2750	5500	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	200	UDQ	200	2750	5500	ug/Kg
117-84-0	Di-n-octyl phthalate	64	UD	64	2750	5500	ug/Kg
205-99-2	Benzo(b)fluoranthene	13000	D	180	2750	5500	ug/Kg
207-08-9	Benzo(k)fluoranthene	5600	D	260	2750	5500	ug/Kg
50-32-8	Benzo(a)pyrene	11000	D	120	2750	5500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5400	JD	190	2750	5500	ug/Kg
53-70-3	Dibenz(a,h)anthracene	160	UD	160	2750	5500	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-03DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057449.D	5	07/12/12	07/17/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	5900	D	230	2750	5500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	220	UD	220	2750	5500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	UD	220	2750	5500	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	147		28 - 127		99%	SPK: 150
13127-88-3	Phenol-d5	159		34 - 127		106%	SPK: 150
4165-60-0	Nitrobenzene-d5	108		31 - 132		108%	SPK: 100
321-60-8	2-Fluorobiphenyl	132	*	39 - 123		133%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		30 - 133		90%	SPK: 150
1718-51-0	Terphenyl-d14	115		37 - 115		115%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	208747	5.79				
1146-65-2	Naphthalene-d8	772295	7.11				
15067-26-2	Acenaphthene-d10	381904	9.07				
1517-22-2	Phenanthrene-d10	610894	11.14				
1719-03-5	Chrysene-d12	443724	15.3				
1520-96-3	Perylene-d12	401485	17.63				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	11
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034123.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.73	U	0.73	2.8	5.6	ug/Kg
74-87-3	Chloromethane	0.96	U	0.96	2.8	5.6	ug/Kg
75-01-4	Vinyl Chloride	1.4	U	1.4	2.8	5.6	ug/Kg
74-83-9	Bromomethane	2.7	U	2.7	2.8	5.6	ug/Kg
75-00-3	Chloroethane	1.6	U	1.6	2.8	5.6	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	1.5	2.8	5.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	2.8	5.6	ug/Kg
75-35-4	1,1-Dichloroethene	1.6	U	1.6	2.8	5.6	ug/Kg
67-64-1	Acetone	3.4	U	3.4	14	28	ug/Kg
75-15-0	Carbon Disulfide	1.2	U	1.2	2.8	5.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	1.1	2.8	5.6	ug/Kg
79-20-9	Methyl Acetate	1.7	U	1.7	2.8	5.6	ug/Kg
75-09-2	Methylene Chloride	1.6	U	1.6	2.8	5.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.77	U	0.77	2.8	5.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.1	U	1.1	2.8	5.6	ug/Kg
110-82-7	Cyclohexane	1.1	U	1.1	2.8	5.6	ug/Kg
78-93-3	2-Butanone	3.5	U	3.5	14	28	ug/Kg
56-23-5	Carbon Tetrachloride	1.1	U	1.1	2.8	5.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	U	1	2.8	5.6	ug/Kg
74-97-5	Bromochloromethane	0.88	U	0.88	2.8	5.6	ug/Kg
67-66-3	Chloroform	0.83	U	0.83	2.8	5.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.98	U	0.98	2.8	5.6	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	1.2	2.8	5.6	ug/Kg
71-43-2	Benzene	0.43	U	0.43	2.8	5.6	ug/Kg
107-06-2	1,2-Dichloroethane	0.72	U	0.72	2.8	5.6	ug/Kg
79-01-6	Trichloroethene	3	J	0.96	2.8	5.6	ug/Kg
78-87-5	1,2-Dichloropropane	0.29	U	0.29	2.8	5.6	ug/Kg
75-27-4	Bromodichloromethane	0.69	U	0.69	2.8	5.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.3	U	3.3	14	28	ug/Kg
108-88-3	Toluene	0.72	U	0.72	2.8	5.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.88	U	0.88	2.8	5.6	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	11
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034123.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.81	U	0.81	2.8	5.6	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	U	1	2.8	5.6	ug/Kg
591-78-6	2-Hexanone	4.4	U	4.4	14	28	ug/Kg
124-48-1	Dibromochloromethane	0.6	U	0.6	2.8	5.6	ug/Kg
106-93-4	1,2-Dibromoethane	0.72	U	0.72	2.8	5.6	ug/Kg
127-18-4	Tetrachloroethene	1.1	U	1.1	2.8	5.6	ug/Kg
108-90-7	Chlorobenzene	0.56	U	0.56	2.8	5.6	ug/Kg
100-41-4	Ethyl Benzene	0.69	U	0.69	2.8	5.6	ug/Kg
179601-23-1	m/p-Xylenes	0.81	U	0.81	5.5	11	ug/Kg
95-47-6	o-Xylene	0.76	U	0.76	2.8	5.6	ug/Kg
100-42-5	Styrene	0.5	U	0.5	2.8	5.6	ug/Kg
75-25-2	Bromoform	0.83	U	0.83	2.8	5.6	ug/Kg
98-82-8	Isopropylbenzene	0.54	U	0.54	2.8	5.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	0.51	2.8	5.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.41	U	0.41	2.8	5.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.46	U	0.46	2.8	5.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.69	U	0.69	2.8	5.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.97	U	0.97	2.8	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.78	U	0.78	2.8	5.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.56	U	0.56	2.8	5.6	ug/Kg
123-91-1	1,4-Dioxane	56	U	56	55	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48		56 - 120		96%	SPK: 50
1868-53-7	Dibromofluoromethane	46		57 - 135		92%	SPK: 50
2037-26-5	Toluene-d8	51		67 - 123		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		33 - 141		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	215906	4.33				
540-36-3	1,4-Difluorobenzene	394794	5.08				
3114-55-4	Chlorobenzene-d5	390850	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	186756	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-03	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	11
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034123.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	6600		1	0.68	2.025	4.05	mg/Kg	07/12/12	07/13/12	SW6010B
7440-36-0	Antimony	0.45	U	1	0.45	1.01	2.02	mg/Kg	07/12/12	07/13/12	SW6010B
7440-38-2	Arsenic	1.77	*	1	0.27	0.405	0.81	mg/Kg	07/12/12	07/13/12	SW6010B
7440-39-3	Barium	54.3	*	1	0.32	2.025	4.05	mg/Kg	07/12/12	07/13/12	SW6010B
7440-41-7	Beryllium	0.4		1	0.05	0.12	0.24	mg/Kg	07/12/12	07/13/12	SW6010B
7440-43-9	Cadmium	0.09	J	1	0.05	0.12	0.24	mg/Kg	07/12/12	07/13/12	SW6010B
7440-70-2	Calcium	767		1	0.87	40.45	80.9	mg/Kg	07/12/12	07/13/12	SW6010B
7440-47-3	Chromium	15.2		1	0.11	0.2	0.4	mg/Kg	07/12/12	07/13/12	SW6010B
7440-48-4	Cobalt	8.67		1	0.46	0.605	1.21	mg/Kg	07/12/12	07/13/12	SW6010B
7440-50-8	Copper	18.4	*	1	0.26	0.405	0.81	mg/Kg	07/12/12	07/13/12	SW6010B
7439-89-6	Iron	13300		1	1.08	2.025	4.05	mg/Kg	07/12/12	07/13/12	SW6010B
7439-92-1	Lead	4.63	N*	1	0.1	0.245	0.49	mg/Kg	07/12/12	07/13/12	SW6010B
7439-95-4	Magnesium	3240		1	3.71	40.45	80.9	mg/Kg	07/12/12	07/13/12	SW6010B
7439-96-5	Manganese	294		1	0.15	0.405	0.81	mg/Kg	07/12/12	07/13/12	SW6010B
7439-97-6	Mercury	0.005	J	1	0.002	0.005	0.01	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	17.7		1	0.37	0.81	1.62	mg/Kg	07/12/12	07/13/12	SW6010B
7440-09-7	Potassium	2580		1	2.83	40.45	80.9	mg/Kg	07/12/12	07/13/12	SW6010B
7782-49-2	Selenium	0.33	U	1	0.33	0.405	0.81	mg/Kg	07/12/12	07/13/12	SW6010B
7440-22-4	Silver	0.12	U	1	0.12	0.2	0.4	mg/Kg	07/12/12	07/13/12	SW6010B
7440-23-5	Sodium	18.8	J	1	2.04	40.45	80.9	mg/Kg	07/12/12	07/13/12	SW6010B
7440-28-0	Thallium	0.22	U	1	0.22	0.81	1.62	mg/Kg	07/12/12	07/13/12	SW6010B
7440-62-2	Vanadium	21.8		1	0.48	0.81	1.62	mg/Kg	07/12/12	07/13/12	SW6010B
7440-66-6	Zinc	48.9	*	1	0.57	0.81	1.62	mg/Kg	07/12/12	07/13/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	4 Decanted:
Sample Wt/Vol:	30.011 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009177.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.6	U	3.6	9	18	ug/Kg
11104-28-2	Aroclor-1221	3.5	U	3.5	9	18	ug/Kg
11141-16-5	Aroclor-1232	7.8	U	7.8	9	18	ug/Kg
53469-21-9	Aroclor-1242	3.5	U	3.5	9	18	ug/Kg
12672-29-6	Aroclor-1248	6.9	U	6.9	9	18	ug/Kg
11097-69-1	Aroclor-1254	1.6	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	4.3	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	13.4		10 - 166		67%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		60 - 125		71%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	4.2 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011833.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.14	U	0.14	0.9	1.8	ug/Kg
319-85-7	beta-BHC	0.19	U	0.19	0.9	1.8	ug/Kg
319-86-8	delta-BHC	0.1	U	0.1	0.9	1.8	ug/Kg
58-89-9	gamma-BHC	0.16	U	0.16	0.9	1.8	ug/Kg
76-44-8	Heptachlor	0.15	U	0.15	0.9	1.8	ug/Kg
309-00-2	Aldrin	0.1	U	0.1	0.9	1.8	ug/Kg
1024-57-3	Heptachlor epoxide	0.17	U	0.17	0.9	1.8	ug/Kg
959-98-8	Endosulfan I	0.16	U	0.16	0.9	1.8	ug/Kg
60-57-1	Dieldrin	0.14	U	0.14	0.9	1.8	ug/Kg
72-55-9	4,4-DDE	0.21	U	0.21	0.9	1.8	ug/Kg
72-20-8	Endrin	0.19	U	0.19	0.9	1.8	ug/Kg
33213-65-9	Endosulfan II	0.15	U	0.15	0.9	1.8	ug/Kg
72-54-8	4,4-DDD	0.18	U	0.18	0.9	1.8	ug/Kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	0.9	1.8	ug/Kg
50-29-3	4,4-DDT	0.15	U	0.15	0.9	1.8	ug/Kg
72-43-5	Methoxychlor	0.18	U	0.18	0.9	1.8	ug/Kg
53494-70-5	Endrin ketone	0.14	U	0.14	0.9	1.8	ug/Kg
7421-93-4	Endrin aldehyde	0.16	U	0.16	0.9	1.8	ug/Kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	0.9	1.8	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	0.9	1.8	ug/Kg
8001-35-2	Toxaphene	3.5	U	3.5	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	15.6		10 - 169		78%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.9		31 - 151		74%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	4.2 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011833.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-04RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	4.2 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011916.D	1	07/12/12	07/13/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.14	U	0.14	0.9	1.8	ug/Kg
319-85-7	beta-BHC	0.19	U	0.19	0.9	1.8	ug/Kg
319-86-8	delta-BHC	0.1	U	0.1	0.9	1.8	ug/Kg
58-89-9	gamma-BHC	0.16	U	0.16	0.9	1.8	ug/Kg
76-44-8	Heptachlor	0.15	U	0.15	0.9	1.8	ug/Kg
309-00-2	Aldrin	0.1	U	0.1	0.9	1.8	ug/Kg
1024-57-3	Heptachlor epoxide	0.17	U	0.17	0.9	1.8	ug/Kg
959-98-8	Endosulfan I	0.16	U	0.16	0.9	1.8	ug/Kg
60-57-1	Dieldrin	0.14	U	0.14	0.9	1.8	ug/Kg
72-55-9	4,4-DDE	0.21	U	0.21	0.9	1.8	ug/Kg
72-20-8	Endrin	0.19	U	0.19	0.9	1.8	ug/Kg
33213-65-9	Endosulfan II	0.15	U	0.15	0.9	1.8	ug/Kg
72-54-8	4,4-DDD	0.18	U	0.18	0.9	1.8	ug/Kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	0.9	1.8	ug/Kg
50-29-3	4,4-DDT	0.15	U	0.15	0.9	1.8	ug/Kg
72-43-5	Methoxychlor	0.18	U	0.18	0.9	1.8	ug/Kg
53494-70-5	Endrin ketone	0.14	U	0.14	0.9	1.8	ug/Kg
7421-93-4	Endrin aldehyde	0.16	U	0.16	0.9	1.8	ug/Kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	0.9	1.8	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	0.9	1.8	ug/Kg
8001-35-2	Toxaphene	3.5	U	3.5	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.3		10 - 169		72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.7		31 - 151		74%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-04RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	4.2 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011916.D	1	07/12/12	07/13/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
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* = Values outside of QC limits
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057374.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	18	U	18	170	340	ug/Kg
108-95-2	Phenol	8	U	8	170	340	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	17	U	17	170	340	ug/Kg
95-57-8	2-Chlorophenol	18	U	18	170	340	ug/Kg
95-48-7	2-Methylphenol	19	U	19	170	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	170	340	ug/Kg
98-86-2	Acetophenone	11	U	11	170	340	ug/Kg
65794-96-9	3+4-Methylphenols	18	U	18	170	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	17	U	17	170	340	ug/Kg
67-72-1	Hexachloroethane	15	U	15	170	340	ug/Kg
98-95-3	Nitrobenzene	13	U	13	170	340	ug/Kg
78-59-1	Isophorone	11	U	11	170	340	ug/Kg
88-75-5	2-Nitrophenol	17	U	17	170	340	ug/Kg
105-67-9	2,4-Dimethylphenol	20	U	20	170	340	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	20	U	20	170	340	ug/Kg
120-83-2	2,4-Dichlorophenol	13	U	13	170	340	ug/Kg
91-20-3	Naphthalene	12	U	12	170	340	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	170	340	ug/Kg
87-68-3	Hexachlorobutadiene	13	U	13	170	340	ug/Kg
105-60-2	Caprolactam	16	U	16	170	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	15	U	15	170	340	ug/Kg
91-57-6	2-Methylnaphthalene	8.7	U	8.7	170	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8.4	U	8.4	170	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	11	U	11	170	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	24	U	24	170	340	ug/Kg
92-52-4	1,1-Biphenyl	13	U	13	170	340	ug/Kg
91-58-7	2-Chloronaphthalene	7.9	U	7.9	170	340	ug/Kg
88-74-4	2-Nitroaniline	15	U	15	170	340	ug/Kg
131-11-3	Dimethylphthalate	380		9.4	170	340	ug/Kg
208-96-8	Acenaphthylene	8.7	U	8.7	170	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	14	U	14	170	340	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057374.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	22	U	22	170	340	ug/Kg
83-32-9	Acenaphthene	9.8	U	9.8	170	340	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	170	340	ug/Kg
100-02-7	4-Nitrophenol	64	U	64	170	340	ug/Kg
132-64-9	Dibenzofuran	14	U	14	170	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	10	U	10	170	340	ug/Kg
84-66-2	Diethylphthalate	5.4	U	5.4	170	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	170	340	ug/Kg
86-73-7	Fluorene	13	U	13	170	340	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	170	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	170	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.3	U	8.3	170	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.8	U	6.8	170	340	ug/Kg
118-74-1	Hexachlorobenzene	14	U	14	170	340	ug/Kg
1912-24-9	Atrazine	18	U	18	170	340	ug/Kg
87-86-5	Pentachlorophenol	24	U	24	170	340	ug/Kg
85-01-8	Phenanthrene	9.4	U	9.4	170	340	ug/Kg
120-12-7	Anthracene	7.1	U	7.1	170	340	ug/Kg
86-74-8	Carbazole	7.6	U	7.6	170	340	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	170	340	ug/Kg
206-44-0	Fluoranthene	7	U	7	170	340	ug/Kg
129-00-0	Pyrene	8.3	U	8.3	170	340	ug/Kg
85-68-7	Butylbenzylphthalate	17	UQ	17	170	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	22	U	22	170	340	ug/Kg
56-55-3	Benzo(a)anthracene	17	U	17	170	340	ug/Kg
218-01-9	Chrysene	16	U	16	170	340	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	12	UQ	12	170	340	ug/Kg
117-84-0	Di-n-octyl phthalate	4	U	4	170	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	11	U	11	170	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	U	16	170	340	ug/Kg
50-32-8	Benzo(a)pyrene	7.5	U	7.5	170	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	U	12	170	340	ug/Kg
53-70-3	Dibenz(a,h)anthracene	10	U	10	170	340	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057374.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	14	U	14	170	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	170	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	170	340	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105		28 - 127		70%	SPK: 150
13127-88-3	Phenol-d5	111		34 - 127		74%	SPK: 150
4165-60-0	Nitrobenzene-d5	86		31 - 132		86%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.8		39 - 123		97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	115		30 - 133		77%	SPK: 150
1718-51-0	Terphenyl-d14	88.8		37 - 115		89%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191475	5.83				
1146-65-2	Naphthalene-d8	689618	7.14				
15067-26-2	Acenaphthene-d10	323576	9.11				
1517-22-2	Phenanthrene-d10	506914	11.19				
1719-03-5	Chrysene-d12	390614	15.36				
1520-96-3	Perylene-d12	328575	17.71				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	790	AB			3.81	ug/Kg
629-59-4	Tetradecane	210	J			11.07	ug/Kg
593-45-3	Octadecane	84	J			11.72	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	4
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034124.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.68	U	0.68	2.6	5.2	ug/Kg
74-87-3	Chloromethane	0.89	U	0.89	2.6	5.2	ug/Kg
75-01-4	Vinyl Chloride	1.3	U	1.3	2.6	5.2	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	2.6	5.2	ug/Kg
75-00-3	Chloroethane	1.5	U	1.5	2.6	5.2	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	1.4	2.6	5.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.4	U	1.4	2.6	5.2	ug/Kg
75-35-4	1,1-Dichloroethene	1.5	U	1.5	2.6	5.2	ug/Kg
67-64-1	Acetone	3.1	U	3.1	13	26	ug/Kg
75-15-0	Carbon Disulfide	1.1	U	1.1	2.6	5.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1	U	1	2.6	5.2	ug/Kg
79-20-9	Methyl Acetate	1.6	U	1.6	2.6	5.2	ug/Kg
75-09-2	Methylene Chloride	1.5	U	1.5	2.6	5.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.72	U	0.72	2.6	5.2	ug/Kg
75-34-3	1,1-Dichloroethane	0.98	U	0.98	2.6	5.2	ug/Kg
110-82-7	Cyclohexane	1	U	1	2.6	5.2	ug/Kg
78-93-3	2-Butanone	3.2	U	3.2	13	26	ug/Kg
56-23-5	Carbon Tetrachloride	1	U	1	2.6	5.2	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.93	U	0.93	2.6	5.2	ug/Kg
74-97-5	Bromochloromethane	0.82	U	0.82	2.6	5.2	ug/Kg
67-66-3	Chloroform	0.77	U	0.77	2.6	5.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.91	U	0.91	2.6	5.2	ug/Kg
108-87-2	Methylcyclohexane	1.1	U	1.1	2.6	5.2	ug/Kg
71-43-2	Benzene	0.4	U	0.4	2.6	5.2	ug/Kg
107-06-2	1,2-Dichloroethane	0.67	U	0.67	2.6	5.2	ug/Kg
79-01-6	Trichloroethene	0.89	U	0.89	2.6	5.2	ug/Kg
78-87-5	1,2-Dichloropropane	0.27	U	0.27	2.6	5.2	ug/Kg
75-27-4	Bromodichloromethane	0.64	U	0.64	2.6	5.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3	U	3	13	26	ug/Kg
108-88-3	Toluene	0.67	U	0.67	2.6	5.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.82	U	0.82	2.6	5.2	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	4
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034124.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.75	U	0.75	2.6	5.2	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.94	U	0.94	2.6	5.2	ug/Kg
591-78-6	2-Hexanone	4.1	U	4.1	13	26	ug/Kg
124-48-1	Dibromochloromethane	0.56	U	0.56	2.6	5.2	ug/Kg
106-93-4	1,2-Dibromoethane	0.67	U	0.67	2.6	5.2	ug/Kg
127-18-4	Tetrachloroethene	1	U	1	2.6	5.2	ug/Kg
108-90-7	Chlorobenzene	0.52	U	0.52	2.6	5.2	ug/Kg
100-41-4	Ethyl Benzene	0.64	U	0.64	2.6	5.2	ug/Kg
179601-23-1	m/p-Xylenes	0.75	U	0.75	5	10	ug/Kg
95-47-6	o-Xylene	0.71	U	0.71	2.6	5.2	ug/Kg
100-42-5	Styrene	0.47	U	0.47	2.6	5.2	ug/Kg
75-25-2	Bromoform	0.77	U	0.77	2.6	5.2	ug/Kg
98-82-8	Isopropylbenzene	0.5	U	0.5	2.6	5.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.48	U	0.48	2.6	5.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.38	U	0.38	2.6	5.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.43	U	0.43	2.6	5.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.64	U	0.64	2.6	5.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.9	U	0.9	2.6	5.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.73	U	0.73	2.6	5.2	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.52	U	0.52	2.6	5.2	ug/Kg
123-91-1	1,4-Dioxane	52	U	52	50	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.6		56 - 120		95%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		57 - 135		96%	SPK: 50
2037-26-5	Toluene-d8	51.5		67 - 123		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	60.8		33 - 141		122%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	224234	4.34				
540-36-3	1,4-Difluorobenzene	399254	5.08				
3114-55-4	Chlorobenzene-d5	428988	9.28				
3855-82-1	1,4-Dichlorobenzene-d4	243864	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-02(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	4
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034124.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7950		1	0.72	2.155	4.31	mg/Kg	07/12/12	07/13/12	SW6010B
7440-36-0	Antimony	2.98		1	0.48	1.075	2.15	mg/Kg	07/12/12	07/13/12	SW6010B
7440-38-2	Arsenic	12.7	*	1	0.28	0.43	0.86	mg/Kg	07/12/12	07/13/12	SW6010B
7440-39-3	Barium	276	*	1	0.34	2.155	4.31	mg/Kg	07/12/12	07/13/12	SW6010B
7440-41-7	Beryllium	12.2		1	0.05	0.13	0.26	mg/Kg	07/12/12	07/13/12	SW6010B
7440-43-9	Cadmium	2.81		1	0.05	0.13	0.26	mg/Kg	07/12/12	07/13/12	SW6010B
7440-70-2	Calcium	19400		1	0.92	43.1	86.2	mg/Kg	07/12/12	07/13/12	SW6010B
7440-47-3	Chromium	141		1	0.11	0.215	0.43	mg/Kg	07/12/12	07/13/12	SW6010B
7440-48-4	Cobalt	126		1	0.49	0.645	1.29	mg/Kg	07/12/12	07/13/12	SW6010B
7440-50-8	Copper	1530	*	1	0.28	0.43	0.86	mg/Kg	07/12/12	07/13/12	SW6010B
7439-89-6	Iron	46400		1	1.15	2.155	4.31	mg/Kg	07/12/12	07/13/12	SW6010B
7439-92-1	Lead	1180	N*	1	0.1	0.26	0.52	mg/Kg	07/12/12	07/13/12	SW6010B
7439-95-4	Magnesium	13600		1	3.95	43.1	86.2	mg/Kg	07/12/12	07/13/12	SW6010B
7439-96-5	Manganese	552		1	0.16	0.43	0.86	mg/Kg	07/12/12	07/13/12	SW6010B
7439-97-6	Mercury	0.181		1	0.002	0.006	0.011	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	269		1	0.4	0.86	1.72	mg/Kg	07/12/12	07/13/12	SW6010B
7440-09-7	Potassium	1190		1	3.02	43.1	86.2	mg/Kg	07/12/12	07/13/12	SW6010B
7782-49-2	Selenium	0.35	U	1	0.35	0.43	0.86	mg/Kg	07/12/12	07/13/12	SW6010B
7440-22-4	Silver	0.13	U	1	0.13	0.215	0.43	mg/Kg	07/12/12	07/13/12	SW6010B
7440-23-5	Sodium	321		1	2.17	43.1	86.2	mg/Kg	07/12/12	07/13/12	SW6010B
7440-28-0	Thallium	3.44		1	0.23	0.86	1.72	mg/Kg	07/12/12	07/13/12	SW6010B
7440-62-2	Vanadium	20.1		1	0.51	0.86	1.72	mg/Kg	07/12/12	07/13/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	12 Decanted:
Sample Wt/Vol:	10.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009178.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	12	U	12	29	58	ug/Kg
11104-28-2	Aroclor-1221	12	U	12	29	58	ug/Kg
11141-16-5	Aroclor-1232	25	U	25	29	58	ug/Kg
53469-21-9	Aroclor-1242	12	U	12	29	58	ug/Kg
12672-29-6	Aroclor-1248	22	U	22	29	58	ug/Kg
11097-69-1	Aroclor-1254	5	U	5	29	58	ug/Kg
11096-82-5	Aroclor-1260	14	U	14	29	58	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18		10 - 166		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		60 - 125		87%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	12.1 Decanted:
Sample Wt/Vol:	10.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011834.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.44	U	0.44	2.9	5.8	ug/Kg
319-85-7	beta-BHC	0.61	U	0.61	2.9	5.8	ug/Kg
319-86-8	delta-BHC	0.34	U	0.34	2.9	5.8	ug/Kg
58-89-9	gamma-BHC	0.51	U	0.51	2.9	5.8	ug/Kg
76-44-8	Heptachlor	0.47	U	0.47	2.9	5.8	ug/Kg
309-00-2	Aldrin	0.34	U	0.34	2.9	5.8	ug/Kg
1024-57-3	Heptachlor epoxide	0.54	U	0.54	2.9	5.8	ug/Kg
959-98-8	Endosulfan I	0.51	U	0.51	2.9	5.8	ug/Kg
60-57-1	Dieldrin	0.44	U	0.44	2.9	5.8	ug/Kg
72-55-9	4,4-DDE	0.68	U	0.68	2.9	5.8	ug/Kg
72-20-8	Endrin	0.61	U	0.61	2.9	5.8	ug/Kg
33213-65-9	Endosulfan II	0.47	U	0.47	2.9	5.8	ug/Kg
72-54-8	4,4-DDD	0.58	U	0.58	2.9	5.8	ug/Kg
1031-07-8	Endosulfan Sulfate	0.51	U	0.51	2.9	5.8	ug/Kg
50-29-3	4,4-DDT	0.47	U	0.47	2.9	5.8	ug/Kg
72-43-5	Methoxychlor	0.58	U	0.58	2.9	5.8	ug/Kg
53494-70-5	Endrin ketone	0.44	U	0.44	2.9	5.8	ug/Kg
7421-93-4	Endrin aldehyde	0.51	U	0.51	2.9	5.8	ug/Kg
5103-71-9	alpha-Chlordane	0.47	U	0.47	2.9	5.8	ug/Kg
5103-74-2	gamma-Chlordane	0.44	U	0.44	2.9	5.8	ug/Kg
8001-35-2	Toxaphene	12	U	12	29	58	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.1		10 - 169		100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		31 - 151		107%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	12.1 Decanted:
Sample Wt/Vol:	10.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011834.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-05RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	12.1 Decanted:
Sample Wt/Vol:	10.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011917.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.44	U	0.44	2.9	5.8	ug/Kg
319-85-7	beta-BHC	0.61	U	0.61	2.9	5.8	ug/Kg
319-86-8	delta-BHC	0.34	U	0.34	2.9	5.8	ug/Kg
58-89-9	gamma-BHC	0.51	U	0.51	2.9	5.8	ug/Kg
76-44-8	Heptachlor	0.47	U	0.47	2.9	5.8	ug/Kg
309-00-2	Aldrin	0.34	U	0.34	2.9	5.8	ug/Kg
1024-57-3	Heptachlor epoxide	0.54	U	0.54	2.9	5.8	ug/Kg
959-98-8	Endosulfan I	0.51	U	0.51	2.9	5.8	ug/Kg
60-57-1	Dieldrin	0.44	U	0.44	2.9	5.8	ug/Kg
72-55-9	4,4-DDE	0.68	U	0.68	2.9	5.8	ug/Kg
72-20-8	Endrin	0.61	U	0.61	2.9	5.8	ug/Kg
33213-65-9	Endosulfan II	0.47	U	0.47	2.9	5.8	ug/Kg
72-54-8	4,4-DDD	0.58	U	0.58	2.9	5.8	ug/Kg
1031-07-8	Endosulfan Sulfate	0.51	U	0.51	2.9	5.8	ug/Kg
50-29-3	4,4-DDT	0.47	U	0.47	2.9	5.8	ug/Kg
72-43-5	Methoxychlor	0.58	U	0.58	2.9	5.8	ug/Kg
53494-70-5	Endrin ketone	0.44	U	0.44	2.9	5.8	ug/Kg
7421-93-4	Endrin aldehyde	0.51	U	0.51	2.9	5.8	ug/Kg
5103-71-9	alpha-Chlordane	0.47	U	0.47	2.9	5.8	ug/Kg
5103-74-2	gamma-Chlordane	0.44	U	0.44	2.9	5.8	ug/Kg
8001-35-2	Toxaphene	12	U	12	29	58	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.9		10 - 169		95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		31 - 151		110%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-05RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	12.1 Decanted:
Sample Wt/Vol:	10.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011917.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	12
Sample Wt/Vol:	10.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057406.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	59	U	59	550	1100	ug/Kg
108-95-2	Phenol	26	U	26	550	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	550	1100	ug/Kg
95-57-8	2-Chlorophenol	60	U	60	550	1100	ug/Kg
95-48-7	2-Methylphenol	61	U	61	550	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	550	1100	ug/Kg
98-86-2	Acetophenone	34	U	34	550	1100	ug/Kg
65794-96-9	3+4-Methylphenols	59	U	59	550	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	550	1100	ug/Kg
67-72-1	Hexachloroethane	50	U	50	550	1100	ug/Kg
98-95-3	Nitrobenzene	43	U	43	550	1100	ug/Kg
78-59-1	Isophorone	37	U	37	550	1100	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	550	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	64	550	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	65	U	65	550	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	550	1100	ug/Kg
91-20-3	Naphthalene	39	U	39	550	1100	ug/Kg
106-47-8	4-Chloroaniline	79	U	79	550	1100	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	550	1100	ug/Kg
105-60-2	Caprolactam	52	U	52	550	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	550	1100	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	550	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	550	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34	U	34	550	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79	U	79	550	1100	ug/Kg
92-52-4	1,1-Biphenyl	43	U	43	550	1100	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	550	1100	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	550	1100	ug/Kg
131-11-3	Dimethylphthalate	1000	J	30	550	1100	ug/Kg
208-96-8	Acenaphthylene	28	U	28	550	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	550	1100	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	12
Sample Wt/Vol:	10.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057406.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	72	U	72	550	1100	ug/Kg
83-32-9	Acenaphthene	32	U	32	550	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	550	1100	ug/Kg
100-02-7	4-Nitrophenol	210	U	210	550	1100	ug/Kg
132-64-9	Dibenzofuran	44	U	44	550	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	550	1100	ug/Kg
84-66-2	Diethylphthalate	18	U	18	550	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	550	1100	ug/Kg
86-73-7	Fluorene	43	U	43	550	1100	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	550	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	65	U	65	550	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	550	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	22	U	22	550	1100	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	550	1100	ug/Kg
1912-24-9	Atrazine	60	U	60	550	1100	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	550	1100	ug/Kg
85-01-8	Phenanthrene	30	U	30	550	1100	ug/Kg
120-12-7	Anthracene	23	U	23	550	1100	ug/Kg
86-74-8	Carbazole	25	U	25	550	1100	ug/Kg
84-74-2	Di-n-butylphthalate	89	U	89	550	1100	ug/Kg
206-44-0	Fluoranthene	23	U	23	550	1100	ug/Kg
129-00-0	Pyrene	27	U	27	550	1100	ug/Kg
85-68-7	Butylbenzylphthalate	54	UQ	54	550	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	550	1100	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	54	550	1100	ug/Kg
218-01-9	Chrysene	51	U	51	550	1100	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	40	UQ	40	550	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	13	U	13	550	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	550	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	550	1100	ug/Kg
50-32-8	Benzo(a)pyrene	24	U	24	550	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	550	1100	ug/Kg
53-70-3	Dibenz(a,h)anthracene	32	U	32	550	1100	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	12
Sample Wt/Vol:	10.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057406.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	46	U	46	550	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	550	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	550	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111		28 - 127		74%	SPK: 150
13127-88-3	Phenol-d5	113		34 - 127		76%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.8		31 - 132		86%	SPK: 100
321-60-8	2-Fluorobiphenyl	92		39 - 123		92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		80%	SPK: 150
1718-51-0	Terphenyl-d14	81		37 - 115		81%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200469	5.83				
1146-65-2	Naphthalene-d8	727848	7.14				
15067-26-2	Acenaphthene-d10	346014	9.11				
1517-22-2	Phenanthrene-d10	553850	11.19				
1719-03-5	Chrysene-d12	456592	15.36				
1520-96-3	Perylene-d12	411608	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2600	AB			3.81	ug/Kg
593-45-3	Octadecane	630	J			11.06	ug/Kg
1560-88-9	Octadecane, 2-methyl-	310	J			11.72	ug/Kg
10544-50-0	Cyclic octaatomic sulfur	470	J			13.14	ug/Kg
198-55-0	Perylene	280	J			17.02	ug/Kg
205-82-3	Benzo[j]fluoranthene	260	J			17.6	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	12
Sample Wt/Vol:	5.04 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034125.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.73	U	0.73	2.8	5.6	ug/Kg
74-87-3	Chloromethane	0.97	U	0.97	2.8	5.6	ug/Kg
75-01-4	Vinyl Chloride	1.4	U	1.4	2.8	5.6	ug/Kg
74-83-9	Bromomethane	2.8	U	2.8	2.8	5.6	ug/Kg
75-00-3	Chloroethane	1.6	U	1.6	2.8	5.6	ug/Kg
75-69-4	Trichlorofluoromethane	1.7	J	1.5	2.8	5.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	2.8	5.6	ug/Kg
75-35-4	1,1-Dichloroethene	1.7	U	1.7	2.8	5.6	ug/Kg
67-64-1	Acetone	3.4	U	3.4	14	28	ug/Kg
75-15-0	Carbon Disulfide	2.1	J	1.2	2.8	5.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	1.1	2.8	5.6	ug/Kg
79-20-9	Methyl Acetate	1.7	U	1.7	2.8	5.6	ug/Kg
75-09-2	Methylene Chloride	1.6	U	1.6	2.8	5.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.78	U	0.78	2.8	5.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.1	U	1.1	2.8	5.6	ug/Kg
110-82-7	Cyclohexane	1.1	U	1.1	2.8	5.6	ug/Kg
78-93-3	2-Butanone	3.5	U	3.5	14	28	ug/Kg
56-23-5	Carbon Tetrachloride	1.1	U	1.1	2.8	5.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	U	1	2.8	5.6	ug/Kg
74-97-5	Bromochloromethane	0.89	U	0.89	2.8	5.6	ug/Kg
67-66-3	Chloroform	0.83	U	0.83	2.8	5.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	2.8	5.6	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	1.2	2.8	5.6	ug/Kg
71-43-2	Benzene	0.43	U	0.43	2.8	5.6	ug/Kg
107-06-2	1,2-Dichloroethane	0.72	U	0.72	2.8	5.6	ug/Kg
79-01-6	Trichloroethene	61		0.97	2.8	5.6	ug/Kg
78-87-5	1,2-Dichloropropane	0.29	U	0.29	2.8	5.6	ug/Kg
75-27-4	Bromodichloromethane	0.7	U	0.7	2.8	5.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.3	U	3.3	14	28	ug/Kg
108-88-3	Toluene	0.72	U	0.72	2.8	5.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.89	U	0.89	2.8	5.6	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	12
Sample Wt/Vol:	5.04 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034125.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.81	U	0.81	2.8	5.6	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	U	1	2.8	5.6	ug/Kg
591-78-6	2-Hexanone	4.4	U	4.4	14	28	ug/Kg
124-48-1	Dibromochloromethane	0.61	U	0.61	2.8	5.6	ug/Kg
106-93-4	1,2-Dibromoethane	0.72	U	0.72	2.8	5.6	ug/Kg
127-18-4	Tetrachloroethene	1.1	U	1.1	2.8	5.6	ug/Kg
108-90-7	Chlorobenzene	0.56	U	0.56	2.8	5.6	ug/Kg
100-41-4	Ethyl Benzene	0.7	U	0.7	2.8	5.6	ug/Kg
179601-23-1	m/p-Xylenes	0.81	U	0.81	5.5	11	ug/Kg
95-47-6	o-Xylene	0.77	U	0.77	2.8	5.6	ug/Kg
100-42-5	Styrene	0.51	U	0.51	2.8	5.6	ug/Kg
75-25-2	Bromoform	0.83	U	0.83	2.8	5.6	ug/Kg
98-82-8	Isopropylbenzene	0.54	U	0.54	2.8	5.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.52	U	0.52	2.8	5.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.42	U	0.42	2.8	5.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.46	U	0.46	2.8	5.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.7	U	0.7	2.8	5.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.98	U	0.98	2.8	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.79	U	0.79	2.8	5.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.56	U	0.56	2.8	5.6	ug/Kg
123-91-1	1,4-Dioxane	56	U	56	55	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.4		56 - 120		89%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		57 - 135		101%	SPK: 50
2037-26-5	Toluene-d8	49		67 - 123		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.8		33 - 141		76%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	214435	4.34				
540-36-3	1,4-Difluorobenzene	363892	5.08				
3114-55-4	Chlorobenzene-d5	316131	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	98085	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-05	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	12
Sample Wt/Vol:	5.04 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034125.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-05RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	12
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034144.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.74	U	0.74	2.85	5.7	ug/Kg
74-87-3	Chloromethane	0.98	U	0.98	2.85	5.7	ug/Kg
75-01-4	Vinyl Chloride	1.4	U	1.4	2.85	5.7	ug/Kg
74-83-9	Bromomethane	2.8	U	2.8	2.85	5.7	ug/Kg
75-00-3	Chloroethane	1.6	U	1.6	2.85	5.7	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	1.5	2.85	5.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	2.85	5.7	ug/Kg
75-35-4	1,1-Dichloroethene	1.7	U	1.7	2.85	5.7	ug/Kg
67-64-1	Acetone	3.4	U	3.4	14	28	ug/Kg
75-15-0	Carbon Disulfide	1.9	J	1.2	2.85	5.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	1.1	2.85	5.7	ug/Kg
79-20-9	Methyl Acetate	1.7	U	1.7	2.85	5.7	ug/Kg
75-09-2	Methylene Chloride	1.6	U	1.6	2.85	5.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.79	U	0.79	2.85	5.7	ug/Kg
75-34-3	1,1-Dichloroethane	1.1	U	1.1	2.85	5.7	ug/Kg
110-82-7	Cyclohexane	1.2	U	1.2	2.85	5.7	ug/Kg
78-93-3	2-Butanone	3.5	U	3.5	14	28	ug/Kg
56-23-5	Carbon Tetrachloride	1.1	U	1.1	2.85	5.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	U	1	2.85	5.7	ug/Kg
74-97-5	Bromochloromethane	0.9	U	0.9	2.85	5.7	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	2.85	5.7	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	U	1	2.85	5.7	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	1.2	2.85	5.7	ug/Kg
71-43-2	Benzene	0.43	U	0.43	2.85	5.7	ug/Kg
107-06-2	1,2-Dichloroethane	0.73	U	0.73	2.85	5.7	ug/Kg
79-01-6	Trichloroethene	47		0.98	2.85	5.7	ug/Kg
78-87-5	1,2-Dichloropropane	0.3	U	0.3	2.85	5.7	ug/Kg
75-27-4	Bromodichloromethane	0.71	U	0.71	2.85	5.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.3	U	3.3	14	28	ug/Kg
108-88-3	Toluene	0.73	U	0.73	2.85	5.7	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.9	U	0.9	2.85	5.7	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-05RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	12
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034144.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.82	U	0.82	2.85	5.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	U	1	2.85	5.7	ug/Kg
591-78-6	2-Hexanone	4.5	U	4.5	14	28	ug/Kg
124-48-1	Dibromochloromethane	0.61	U	0.61	2.85	5.7	ug/Kg
106-93-4	1,2-Dibromoethane	0.73	U	0.73	2.85	5.7	ug/Kg
127-18-4	Tetrachloroethene	1.2	U	1.2	2.85	5.7	ug/Kg
108-90-7	Chlorobenzene	0.57	U	0.57	2.85	5.7	ug/Kg
100-41-4	Ethyl Benzene	0.71	U	0.71	2.85	5.7	ug/Kg
179601-23-1	m/p-Xylenes	0.82	U	0.82	5.5	11	ug/Kg
95-47-6	o-Xylene	0.77	U	0.77	2.85	5.7	ug/Kg
100-42-5	Styrene	0.51	U	0.51	2.85	5.7	ug/Kg
75-25-2	Bromoform	0.84	U	0.84	2.85	5.7	ug/Kg
98-82-8	Isopropylbenzene	0.55	U	0.55	2.85	5.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.52	U	0.52	2.85	5.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.42	U	0.42	2.85	5.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.47	U	0.47	2.85	5.7	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.71	U	0.71	2.85	5.7	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.99	U	0.99	2.85	5.7	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.8	U	0.8	2.85	5.7	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.57	U	0.57	2.85	5.7	ug/Kg
123-91-1	1,4-Dioxane	57	U	57	55	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.1		56 - 120		96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		57 - 135		100%	SPK: 50
2037-26-5	Toluene-d8	48.4		67 - 123		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.5		33 - 141		73%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	214675	4.33				
540-36-3	1,4-Difluorobenzene	402381	5.08				
3114-55-4	Chlorobenzene-d5	342567	9.28				
3855-82-1	1,4-Dichlorobenzene-d4	93964	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-05RE	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	12
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034144.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5220		1	0.6	1.8	3.6	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.4	U	1	0.4	0.9	1.8	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	3.5	*	1	0.24	0.36	0.72	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	34.5	*	1	0.29	1.8	3.6	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.33		1	0.04	0.11	0.22	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.06	J	1	0.04	0.11	0.22	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	1640		1	0.77	36	72	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	12.6		1	0.09	0.18	0.36	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	5.72		1	0.41	0.54	1.08	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	13	*	1	0.23	0.36	0.72	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	11600		1	0.96	1.8	3.6	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	4.99	N*	1	0.09	0.215	0.43	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	3100		1	3.3	36	72	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	253		1	0.14	0.36	0.72	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.002	U	1	0.002	0.005	0.01	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	24.3		1	0.33	0.72	1.44	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1290		1	2.52	36	72	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.3	U	1	0.3	0.36	0.72	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.11	U	1	0.11	0.18	0.36	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	227		1	1.81	36	72	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.19	U	1	0.19	0.72	1.44	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	16.2		1	0.42	0.72	1.44	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	24.8	*	1	0.5	0.72	1.44	mg/Kg	07/12/12	07/16/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	4 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009179.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.6	U	3.6	9	18	ug/Kg
11104-28-2	Aroclor-1221	3.5	U	3.5	9	18	ug/Kg
11141-16-5	Aroclor-1232	7.8	U	7.8	9	18	ug/Kg
53469-21-9	Aroclor-1242	3.5	U	3.5	9	18	ug/Kg
12672-29-6	Aroclor-1248	6.9	U	6.9	9	18	ug/Kg
11097-69-1	Aroclor-1254	1.6	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	4.3	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.2		10 - 166		81%	SPK: 20
2051-24-3	Decachlorobiphenyl	16		60 - 125		80%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	4.2 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011835.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.14	U	0.14	0.9	1.8	ug/Kg
319-85-7	beta-BHC	0.19	U	0.19	0.9	1.8	ug/Kg
319-86-8	delta-BHC	0.1	U	0.1	0.9	1.8	ug/Kg
58-89-9	gamma-BHC	0.16	U	0.16	0.9	1.8	ug/Kg
76-44-8	Heptachlor	0.15	U	0.15	0.9	1.8	ug/Kg
309-00-2	Aldrin	0.1	U	0.1	0.9	1.8	ug/Kg
1024-57-3	Heptachlor epoxide	0.17	U	0.17	0.9	1.8	ug/Kg
959-98-8	Endosulfan I	0.16	U	0.16	0.9	1.8	ug/Kg
60-57-1	Dieldrin	0.14	U	0.14	0.9	1.8	ug/Kg
72-55-9	4,4-DDE	0.21	U	0.21	0.9	1.8	ug/Kg
72-20-8	Endrin	0.19	U	0.19	0.9	1.8	ug/Kg
33213-65-9	Endosulfan II	0.15	U	0.15	0.9	1.8	ug/Kg
72-54-8	4,4-DDD	0.18	U	0.18	0.9	1.8	ug/Kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	0.9	1.8	ug/Kg
50-29-3	4,4-DDT	0.15	U	0.15	0.9	1.8	ug/Kg
72-43-5	Methoxychlor	0.18	U	0.18	0.9	1.8	ug/Kg
53494-70-5	Endrin ketone	0.14	U	0.14	0.9	1.8	ug/Kg
7421-93-4	Endrin aldehyde	0.16	U	0.16	0.9	1.8	ug/Kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	0.9	1.8	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	0.9	1.8	ug/Kg
8001-35-2	Toxaphene	3.5	U	3.5	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	17.8		10 - 169		89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		31 - 151		97%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	4.2 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011835.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-06RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	4.2 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011918.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.14	U	0.14	0.9	1.8	ug/Kg
319-85-7	beta-BHC	0.19	U	0.19	0.9	1.8	ug/Kg
319-86-8	delta-BHC	0.1	U	0.1	0.9	1.8	ug/Kg
58-89-9	gamma-BHC	0.16	U	0.16	0.9	1.8	ug/Kg
76-44-8	Heptachlor	0.15	U	0.15	0.9	1.8	ug/Kg
309-00-2	Aldrin	0.1	U	0.1	0.9	1.8	ug/Kg
1024-57-3	Heptachlor epoxide	0.17	U	0.17	0.9	1.8	ug/Kg
959-98-8	Endosulfan I	0.16	U	0.16	0.9	1.8	ug/Kg
60-57-1	Dieldrin	0.14	U	0.14	0.9	1.8	ug/Kg
72-55-9	4,4-DDE	0.21	U	0.21	0.9	1.8	ug/Kg
72-20-8	Endrin	0.19	U	0.19	0.9	1.8	ug/Kg
33213-65-9	Endosulfan II	0.15	U	0.15	0.9	1.8	ug/Kg
72-54-8	4,4-DDD	0.18	U	0.18	0.9	1.8	ug/Kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	0.9	1.8	ug/Kg
50-29-3	4,4-DDT	0.15	U	0.15	0.9	1.8	ug/Kg
72-43-5	Methoxychlor	0.18	U	0.18	0.9	1.8	ug/Kg
53494-70-5	Endrin ketone	0.14	U	0.14	0.9	1.8	ug/Kg
7421-93-4	Endrin aldehyde	0.16	U	0.16	0.9	1.8	ug/Kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	0.9	1.8	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	0.9	1.8	ug/Kg
8001-35-2	Toxaphene	3.5	U	3.5	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.2		10 - 169		81%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		31 - 151		98%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-06RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	4.2 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011918.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057375.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	18	U	18	170	340	ug/Kg
108-95-2	Phenol	8	U	8	170	340	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	17	U	17	170	340	ug/Kg
95-57-8	2-Chlorophenol	18	U	18	170	340	ug/Kg
95-48-7	2-Methylphenol	19	U	19	170	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	170	340	ug/Kg
98-86-2	Acetophenone	11	U	11	170	340	ug/Kg
65794-96-9	3+4-Methylphenols	18	U	18	170	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	17	U	17	170	340	ug/Kg
67-72-1	Hexachloroethane	15	U	15	170	340	ug/Kg
98-95-3	Nitrobenzene	13	U	13	170	340	ug/Kg
78-59-1	Isophorone	11	U	11	170	340	ug/Kg
88-75-5	2-Nitrophenol	17	U	17	170	340	ug/Kg
105-67-9	2,4-Dimethylphenol	20	U	20	170	340	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	20	U	20	170	340	ug/Kg
120-83-2	2,4-Dichlorophenol	13	U	13	170	340	ug/Kg
91-20-3	Naphthalene	12	U	12	170	340	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	170	340	ug/Kg
87-68-3	Hexachlorobutadiene	13	U	13	170	340	ug/Kg
105-60-2	Caprolactam	16	U	16	170	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	15	U	15	170	340	ug/Kg
91-57-6	2-Methylnaphthalene	8.7	U	8.7	170	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8.4	U	8.4	170	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	11	U	11	170	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	24	U	24	170	340	ug/Kg
92-52-4	1,1-Biphenyl	13	U	13	170	340	ug/Kg
91-58-7	2-Chloronaphthalene	7.9	U	7.9	170	340	ug/Kg
88-74-4	2-Nitroaniline	15	U	15	170	340	ug/Kg
131-11-3	Dimethylphthalate	340	J	9.4	170	340	ug/Kg
208-96-8	Acenaphthylene	8.7	U	8.7	170	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	14	U	14	170	340	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057375.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	22	U	22	170	340	ug/Kg
83-32-9	Acenaphthene	9.8	U	9.8	170	340	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	170	340	ug/Kg
100-02-7	4-Nitrophenol	64	U	64	170	340	ug/Kg
132-64-9	Dibenzofuran	14	U	14	170	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	11	U	11	170	340	ug/Kg
84-66-2	Diethylphthalate	5.4	U	5.4	170	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	170	340	ug/Kg
86-73-7	Fluorene	13	U	13	170	340	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	170	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	170	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.3	U	8.3	170	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.8	U	6.8	170	340	ug/Kg
118-74-1	Hexachlorobenzene	14	U	14	170	340	ug/Kg
1912-24-9	Atrazine	18	U	18	170	340	ug/Kg
87-86-5	Pentachlorophenol	24	U	24	170	340	ug/Kg
85-01-8	Phenanthrene	9.4	U	9.4	170	340	ug/Kg
120-12-7	Anthracene	7.1	U	7.1	170	340	ug/Kg
86-74-8	Carbazole	7.6	U	7.6	170	340	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	170	340	ug/Kg
206-44-0	Fluoranthene	7	U	7	170	340	ug/Kg
129-00-0	Pyrene	8.3	U	8.3	170	340	ug/Kg
85-68-7	Butylbenzylphthalate	17	UQ	17	170	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	22	U	22	170	340	ug/Kg
56-55-3	Benzo(a)anthracene	17	U	17	170	340	ug/Kg
218-01-9	Chrysene	16	U	16	170	340	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	12	UQ	12	170	340	ug/Kg
117-84-0	Di-n-octyl phthalate	4	U	4	170	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	11	U	11	170	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	U	16	170	340	ug/Kg
50-32-8	Benzo(a)pyrene	7.5	U	7.5	170	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	U	12	170	340	ug/Kg
53-70-3	Dibenz(a,h)anthracene	10	U	10	170	340	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057375.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	14	U	14	170	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	170	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	170	340	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.9		28 - 127		65%	SPK: 150
13127-88-3	Phenol-d5	101		34 - 127		68%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.5		31 - 132		78%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.2		39 - 123		85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	105		30 - 133		70%	SPK: 150
1718-51-0	Terphenyl-d14	78.5		37 - 115		78%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	194697	5.83				
1146-65-2	Naphthalene-d8	691540	7.14				
15067-26-2	Acenaphthene-d10	330392	9.11				
1517-22-2	Phenanthrene-d10	517950	11.19				
1719-03-5	Chrysene-d12	401057	15.36				
1520-96-3	Perylene-d12	323192	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	680	AB			3.81	ug/Kg
112-95-8	Eicosane	160	J			11.07	ug/Kg
112-04-9	Silane, trichlorooctadecyl-	82	J			11.73	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	4
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034126.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.67	U	0.67	2.6	5.2	ug/Kg
74-87-3	Chloromethane	0.89	U	0.89	2.6	5.2	ug/Kg
75-01-4	Vinyl Chloride	1.3	U	1.3	2.6	5.2	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	2.6	5.2	ug/Kg
75-00-3	Chloroethane	1.4	U	1.4	2.6	5.2	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	1.4	2.6	5.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.4	U	1.4	2.6	5.2	ug/Kg
75-35-4	1,1-Dichloroethene	1.5	U	1.5	2.6	5.2	ug/Kg
67-64-1	Acetone	3.1	U	3.1	13	26	ug/Kg
75-15-0	Carbon Disulfide	1.1	U	1.1	2.6	5.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.99	U	0.99	2.6	5.2	ug/Kg
79-20-9	Methyl Acetate	1.6	U	1.6	2.6	5.2	ug/Kg
75-09-2	Methylene Chloride	1.5	U	1.5	2.6	5.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.71	U	0.71	2.6	5.2	ug/Kg
75-34-3	1,1-Dichloroethane	0.97	U	0.97	2.6	5.2	ug/Kg
110-82-7	Cyclohexane	1	U	1	2.6	5.2	ug/Kg
78-93-3	2-Butanone	3.2	U	3.2	13	26	ug/Kg
56-23-5	Carbon Tetrachloride	1	U	1	2.6	5.2	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.92	U	0.92	2.6	5.2	ug/Kg
74-97-5	Bromochloromethane	0.82	U	0.82	2.6	5.2	ug/Kg
67-66-3	Chloroform	0.77	U	0.77	2.6	5.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.91	U	0.91	2.6	5.2	ug/Kg
108-87-2	Methylcyclohexane	1.1	U	1.1	2.6	5.2	ug/Kg
71-43-2	Benzene	0.39	U	0.39	2.6	5.2	ug/Kg
107-06-2	1,2-Dichloroethane	0.66	U	0.66	2.6	5.2	ug/Kg
79-01-6	Trichloroethene	0.89	U	0.89	2.6	5.2	ug/Kg
78-87-5	1,2-Dichloropropane	0.27	U	0.27	2.6	5.2	ug/Kg
75-27-4	Bromodichloromethane	0.64	U	0.64	2.6	5.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3	U	3	13	26	ug/Kg
108-88-3	Toluene	0.66	U	0.66	2.6	5.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.82	U	0.82	2.6	5.2	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	4
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034126.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.75	U	0.75	2.6	5.2	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.93	U	0.93	2.6	5.2	ug/Kg
591-78-6	2-Hexanone	4.1	U	4.1	13	26	ug/Kg
124-48-1	Dibromochloromethane	0.56	U	0.56	2.6	5.2	ug/Kg
106-93-4	1,2-Dibromoethane	0.66	U	0.66	2.6	5.2	ug/Kg
127-18-4	Tetrachloroethene	1	U	1	2.6	5.2	ug/Kg
108-90-7	Chlorobenzene	0.52	U	0.52	2.6	5.2	ug/Kg
100-41-4	Ethyl Benzene	0.64	U	0.64	2.6	5.2	ug/Kg
179601-23-1	m/p-Xylenes	0.75	U	0.75	5	10	ug/Kg
95-47-6	o-Xylene	0.7	U	0.7	2.6	5.2	ug/Kg
100-42-5	Styrene	0.47	U	0.47	2.6	5.2	ug/Kg
75-25-2	Bromoform	0.77	U	0.77	2.6	5.2	ug/Kg
98-82-8	Isopropylbenzene	0.5	U	0.5	2.6	5.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.48	U	0.48	2.6	5.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.38	U	0.38	2.6	5.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.42	U	0.42	2.6	5.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.64	U	0.64	2.6	5.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.9	U	0.9	2.6	5.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.72	U	0.72	2.6	5.2	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.52	U	0.52	2.6	5.2	ug/Kg
123-91-1	1,4-Dioxane	52	U	52	50	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.9		56 - 120		94%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		57 - 135		98%	SPK: 50
2037-26-5	Toluene-d8	50.5		67 - 123		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	60.4		33 - 141		121%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	216629	4.34				
540-36-3	1,4-Difluorobenzene	393391	5.08				
3114-55-4	Chlorobenzene-d5	421573	9.28				
3855-82-1	1,4-Dichlorobenzene-d4	230465	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-03(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	4
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034126.D	1		07/11/12	VF071112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5890		1	0.68	2.01	4.02	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	1.65	J	1	0.45	1.005	2.01	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	38.7	*	1	0.27	0.4	0.8	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	57	*	1	0.32	2.01	4.02	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.32		1	0.05	0.12	0.24	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.62		1	0.05	0.12	0.24	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	3800		1	0.86	40.2	80.4	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	16.5		1	0.1	0.2	0.4	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	6.58		1	0.46	0.605	1.21	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	19.1	*	1	0.26	0.4	0.8	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	22800		1	1.07	2.01	4.02	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	39.2	N*	1	0.1	0.24	0.48	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	2650		1	3.68	40.2	80.4	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	156		1	0.15	0.4	0.8	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.087		1	0.002	0.006	0.012	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	15		1	0.37	0.805	1.61	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1980		1	2.81	40.2	80.4	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.33	U	1	0.33	0.4	0.8	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.12	U	1	0.12	0.2	0.4	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	24.5	J	1	2.03	40.2	80.4	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.22	U	1	0.22	0.805	1.61	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	20.3		1	0.47	0.805	1.61	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	49.6	*	1	0.56	0.805	1.61	mg/Kg	07/12/12	07/16/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	15 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009180.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.1	U	4.1	10	20	ug/Kg
11104-28-2	Aroclor-1221	4	U	4	10	20	ug/Kg
11141-16-5	Aroclor-1232	8.8	U	8.8	10	20	ug/Kg
53469-21-9	Aroclor-1242	4	U	4	10	20	ug/Kg
12672-29-6	Aroclor-1248	7.7	U	7.7	10	20	ug/Kg
11097-69-1	Aroclor-1254	1.7	U	1.7	10	20	ug/Kg
11096-82-5	Aroclor-1260	4.8	U	4.8	10	20	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.2		10 - 166		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		60 - 125		92%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.4 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011836.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.15	U	0.15	1	2	ug/Kg
319-85-7	beta-BHC	0.21	U	0.21	1	2	ug/Kg
319-86-8	delta-BHC	0.12	U	0.12	1	2	ug/Kg
58-89-9	gamma-BHC	0.18	U	0.18	1	2	ug/Kg
76-44-8	Heptachlor	0.17	U	0.17	1	2	ug/Kg
309-00-2	Aldrin	0.12	U	0.12	1	2	ug/Kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1	2	ug/Kg
959-98-8	Endosulfan I	0.18	U	0.18	1	2	ug/Kg
60-57-1	Dieldrin	0.15	U	0.15	1	2	ug/Kg
72-55-9	4,4-DDE	0.24	U	0.24	1	2	ug/Kg
72-20-8	Endrin	0.21	U	0.21	1	2	ug/Kg
33213-65-9	Endosulfan II	0.17	U	0.17	1	2	ug/Kg
72-54-8	4,4-DDD	0.2	U	0.2	1	2	ug/Kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	1	2	ug/Kg
50-29-3	4,4-DDT	0.17	U	0.17	1	2	ug/Kg
72-43-5	Methoxychlor	0.2	U	0.2	1	2	ug/Kg
53494-70-5	Endrin ketone	0.15	U	0.15	1	2	ug/Kg
7421-93-4	Endrin aldehyde	0.18	U	0.18	1	2	ug/Kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1	2	ug/Kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1	2	ug/Kg
8001-35-2	Toxaphene	4	U	4	10	20	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	19		10 - 169		95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.8		31 - 151		89%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.4 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011836.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-07RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.4 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011919.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.15	U	0.15	1	2	ug/Kg
319-85-7	beta-BHC	0.21	U	0.21	1	2	ug/Kg
319-86-8	delta-BHC	0.12	U	0.12	1	2	ug/Kg
58-89-9	gamma-BHC	0.18	U	0.18	1	2	ug/Kg
76-44-8	Heptachlor	0.17	U	0.17	1	2	ug/Kg
309-00-2	Aldrin	0.12	U	0.12	1	2	ug/Kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1	2	ug/Kg
959-98-8	Endosulfan I	0.18	U	0.18	1	2	ug/Kg
60-57-1	Dieldrin	0.15	U	0.15	1	2	ug/Kg
72-55-9	4,4-DDE	0.24	U	0.24	1	2	ug/Kg
72-20-8	Endrin	0.21	U	0.21	1	2	ug/Kg
33213-65-9	Endosulfan II	0.17	U	0.17	1	2	ug/Kg
72-54-8	4,4-DDD	0.2	U	0.2	1	2	ug/Kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	1	2	ug/Kg
50-29-3	4,4-DDT	0.17	U	0.17	1	2	ug/Kg
72-43-5	Methoxychlor	0.2	U	0.2	1	2	ug/Kg
53494-70-5	Endrin ketone	0.15	U	0.15	1	2	ug/Kg
7421-93-4	Endrin aldehyde	0.18	U	0.18	1	2	ug/Kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1	2	ug/Kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1	2	ug/Kg
8001-35-2	Toxaphene	4	U	4	10	20	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.5		10 - 169		83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		31 - 151		93%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-07RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.4 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011919.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	15
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057372.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	20	U	20	195	390	ug/Kg
108-95-2	Phenol	9	U	9	195	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	19	U	19	195	390	ug/Kg
95-57-8	2-Chlorophenol	21	U	21	195	390	ug/Kg
95-48-7	2-Methylphenol	21	U	21	195	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	16	U	16	195	390	ug/Kg
98-86-2	Acetophenone	12	U	12	195	390	ug/Kg
65794-96-9	3+4-Methylphenols	20	U	20	195	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	20	U	20	195	390	ug/Kg
67-72-1	Hexachloroethane	18	U	18	195	390	ug/Kg
98-95-3	Nitrobenzene	15	U	15	195	390	ug/Kg
78-59-1	Isophorone	13	U	13	195	390	ug/Kg
88-75-5	2-Nitrophenol	19	U	19	195	390	ug/Kg
105-67-9	2,4-Dimethylphenol	22	U	22	195	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	23	U	23	195	390	ug/Kg
120-83-2	2,4-Dichlorophenol	15	U	15	195	390	ug/Kg
91-20-3	Naphthalene	14	U	14	195	390	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	195	390	ug/Kg
87-68-3	Hexachlorobutadiene	14	U	14	195	390	ug/Kg
105-60-2	Caprolactam	18	U	18	195	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	17	U	17	195	390	ug/Kg
91-57-6	2-Methylnaphthalene	9.9	U	9.9	195	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	195	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	12	U	12	195	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	28	U	28	195	390	ug/Kg
92-52-4	1,1-Biphenyl	15	U	15	195	390	ug/Kg
91-58-7	2-Chloronaphthalene	8.9	U	8.9	195	390	ug/Kg
88-74-4	2-Nitroaniline	17	U	17	195	390	ug/Kg
131-11-3	Dimethylphthalate	400		11	195	390	ug/Kg
208-96-8	Acenaphthylene	9.9	U	9.9	195	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	16	U	16	195	390	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	15
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057372.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	25	U	25	195	390	ug/Kg
83-32-9	Acenaphthene	11	U	11	195	390	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	195	390	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	195	390	ug/Kg
132-64-9	Dibenzofuran	15	U	15	195	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	12	195	390	ug/Kg
84-66-2	Diethylphthalate	6.1	U	6.1	195	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	195	390	ug/Kg
86-73-7	Fluorene	15	U	15	195	390	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	195	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	22	U	22	195	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	9.4	U	9.4	195	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7.6	U	7.6	195	390	ug/Kg
118-74-1	Hexachlorobenzene	16	U	16	195	390	ug/Kg
1912-24-9	Atrazine	21	U	21	195	390	ug/Kg
87-86-5	Pentachlorophenol	27	U	27	195	390	ug/Kg
85-01-8	Phenanthrene	11	U	11	195	390	ug/Kg
120-12-7	Anthracene	8	U	8	195	390	ug/Kg
86-74-8	Carbazole	8.6	U	8.6	195	390	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	195	390	ug/Kg
206-44-0	Fluoranthene	7.9	U	7.9	195	390	ug/Kg
129-00-0	Pyrene	9.4	U	9.4	195	390	ug/Kg
85-68-7	Butylbenzylphthalate	19	UQ	19	195	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	195	390	ug/Kg
56-55-3	Benzo(a)anthracene	19	U	19	195	390	ug/Kg
218-01-9	Chrysene	18	U	18	195	390	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	14	UQ	14	195	390	ug/Kg
117-84-0	Di-n-octyl phthalate	4.5	U	4.5	195	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	13	U	13	195	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	18	U	18	195	390	ug/Kg
50-32-8	Benzo(a)pyrene	8.5	U	8.5	195	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13	U	13	195	390	ug/Kg
53-70-3	Dibenz(a,h)anthracene	11	U	11	195	390	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	15
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057372.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	16	U	16	195	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	15	U	15	195	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	195	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102		28 - 127		69%	SPK: 150
13127-88-3	Phenol-d5	104		34 - 127		70%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.9		31 - 132		78%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.5		39 - 123		86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		30 - 133		71%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		37 - 115		80%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193537	5.83				
1146-65-2	Naphthalene-d8	707930	7.14				
15067-26-2	Acenaphthene-d10	339690	9.11				
1517-22-2	Phenanthrene-d10	536670	11.19				
1719-03-5	Chrysene-d12	404229	15.36				
1520-96-3	Perylene-d12	346376	17.71				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	800	AB			3.81	ug/Kg
593-45-3	Octadecane	200	J			11.06	ug/Kg
629-50-5	Tridecane	92	J			11.72	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	15
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034131.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.76	U	0.76	2.9	5.8	ug/Kg
74-87-3	Chloromethane	1	U	1	2.9	5.8	ug/Kg
75-01-4	Vinyl Chloride	1.4	U	1.4	2.9	5.8	ug/Kg
74-83-9	Bromomethane	2.9	U	2.9	2.9	5.8	ug/Kg
75-00-3	Chloroethane	1.6	U	1.6	2.9	5.8	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	1.5	2.9	5.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	U	1.6	2.9	5.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.7	U	1.7	2.9	5.8	ug/Kg
67-64-1	Acetone	3.5	U	3.5	14.5	29	ug/Kg
75-15-0	Carbon Disulfide	1.2	U	1.2	2.9	5.8	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	1.1	2.9	5.8	ug/Kg
79-20-9	Methyl Acetate	1.8	U	1.8	2.9	5.8	ug/Kg
75-09-2	Methylene Chloride	1.7	U	1.7	2.9	5.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.81	U	0.81	2.9	5.8	ug/Kg
75-34-3	1,1-Dichloroethane	1.1	U	1.1	2.9	5.8	ug/Kg
110-82-7	Cyclohexane	1.2	U	1.2	2.9	5.8	ug/Kg
78-93-3	2-Butanone	3.6	U	3.6	14.5	29	ug/Kg
56-23-5	Carbon Tetrachloride	1.2	U	1.2	2.9	5.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	U	1	2.9	5.8	ug/Kg
74-97-5	Bromochloromethane	0.92	U	0.92	2.9	5.8	ug/Kg
67-66-3	Chloroform	0.87	U	0.87	2.9	5.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	U	1	2.9	5.8	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	1.2	2.9	5.8	ug/Kg
71-43-2	Benzene	0.44	U	0.44	2.9	5.8	ug/Kg
107-06-2	1,2-Dichloroethane	0.75	U	0.75	2.9	5.8	ug/Kg
79-01-6	Trichloroethene	1	U	1	2.9	5.8	ug/Kg
78-87-5	1,2-Dichloropropane	0.3	U	0.3	2.9	5.8	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	0.73	2.9	5.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.4	U	3.4	14.5	29	ug/Kg
108-88-3	Toluene	0.75	U	0.75	2.9	5.8	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.92	U	0.92	2.9	5.8	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	15
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034131.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.84	U	0.84	2.9	5.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	2.9	5.8	ug/Kg
591-78-6	2-Hexanone	4.6	U	4.6	14.5	29	ug/Kg
124-48-1	Dibromochloromethane	0.63	U	0.63	2.9	5.8	ug/Kg
106-93-4	1,2-Dibromoethane	0.75	U	0.75	2.9	5.8	ug/Kg
127-18-4	Tetrachloroethene	1.2	U	1.2	2.9	5.8	ug/Kg
108-90-7	Chlorobenzene	0.58	U	0.58	2.9	5.8	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	2.9	5.8	ug/Kg
179601-23-1	m/p-Xylenes	0.84	U	0.84	6	12	ug/Kg
95-47-6	o-Xylene	0.8	U	0.8	2.9	5.8	ug/Kg
100-42-5	Styrene	0.53	U	0.53	2.9	5.8	ug/Kg
75-25-2	Bromoform	0.87	U	0.87	2.9	5.8	ug/Kg
98-82-8	Isopropylbenzene	0.56	U	0.56	2.9	5.8	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.54	U	0.54	2.9	5.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.43	U	0.43	2.9	5.8	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.48	U	0.48	2.9	5.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.73	U	0.73	2.9	5.8	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	1	2.9	5.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.82	U	0.82	2.9	5.8	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.58	U	0.58	2.9	5.8	ug/Kg
123-91-1	1,4-Dioxane	58	U	58	60	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.8		56 - 120		96%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		57 - 135		95%	SPK: 50
2037-26-5	Toluene-d8	49.1		67 - 123		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.3		33 - 141		117%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	250421	4.34				
540-36-3	1,4-Difluorobenzene	475066	5.08				
3114-55-4	Chlorobenzene-d5	494483	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	263790	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-07	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	15
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034131.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	6320		1	0.81	2.41	4.82	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.54	U	1	0.54	1.205	2.41	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	2.82	*	1	0.32	0.48	0.96	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	40.5	*	1	0.39	2.41	4.82	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.4		1	0.06	0.145	0.29	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.31		1	0.06	0.145	0.29	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	8810		1	1.03	48.2	96.4	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	15		1	0.13	0.24	0.48	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	7.24		1	0.55	0.725	1.45	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	14.1	*	1	0.31	0.48	0.96	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	12800		1	1.28	2.41	4.82	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	6.02	N*	1	0.12	0.29	0.58	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	6210		1	4.41	48.2	96.4	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	307		1	0.18	0.48	0.96	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.003	J	1	0.002	0.006	0.012	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	30.1		1	0.44	0.965	1.93	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1920		1	3.37	48.2	96.4	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.4	U	1	0.4	0.48	0.96	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.14	U	1	0.14	0.24	0.48	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	274		1	2.43	48.2	96.4	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.26	U	1	0.26	0.965	1.93	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	18.1		1	0.57	0.965	1.93	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	32.1	*	1	0.67	0.965	1.93	mg/Kg	07/12/12	07/16/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	18 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009183.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.2	U	4.2	10.5	21	ug/Kg
11104-28-2	Aroclor-1221	4.1	U	4.1	10.5	21	ug/Kg
11141-16-5	Aroclor-1232	9.1	U	9.1	10.5	21	ug/Kg
53469-21-9	Aroclor-1242	4.1	U	4.1	10.5	21	ug/Kg
12672-29-6	Aroclor-1248	8	U	8	10.5	21	ug/Kg
11097-69-1	Aroclor-1254	1.8	U	1.8	10.5	21	ug/Kg
11096-82-5	Aroclor-1260	5	U	5	10.5	21	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.3		10 - 166		86%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 125		88%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	18.3 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011837.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.16	U	0.16	1.05	2.1	ug/Kg
319-85-7	beta-BHC	0.22	U	0.22	1.05	2.1	ug/Kg
319-86-8	delta-BHC	0.12	U	0.12	1.05	2.1	ug/Kg
58-89-9	gamma-BHC	0.18	U	0.18	1.05	2.1	ug/Kg
76-44-8	Heptachlor	0.17	U	0.17	1.05	2.1	ug/Kg
309-00-2	Aldrin	0.12	U	0.12	1.05	2.1	ug/Kg
1024-57-3	Heptachlor epoxide	0.2	U	0.2	1.05	2.1	ug/Kg
959-98-8	Endosulfan I	0.18	U	0.18	1.05	2.1	ug/Kg
60-57-1	Dieldrin	0.16	U	0.16	1.05	2.1	ug/Kg
72-55-9	4,4-DDE	0.24	U	0.24	1.05	2.1	ug/Kg
72-20-8	Endrin	0.22	U	0.22	1.05	2.1	ug/Kg
33213-65-9	Endosulfan II	0.17	U	0.17	1.05	2.1	ug/Kg
72-54-8	4,4-DDD	0.21	U	0.21	1.05	2.1	ug/Kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	1.05	2.1	ug/Kg
50-29-3	4,4-DDT	0.17	U	0.17	1.05	2.1	ug/Kg
72-43-5	Methoxychlor	0.21	U	0.21	1.05	2.1	ug/Kg
53494-70-5	Endrin ketone	0.16	U	0.16	1.05	2.1	ug/Kg
7421-93-4	Endrin aldehyde	0.18	U	0.18	1.05	2.1	ug/Kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.05	2.1	ug/Kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.05	2.1	ug/Kg
8001-35-2	Toxaphene	4.2	U	4.2	10.5	21	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.7		10 - 169		104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.7		31 - 151		113%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	18.3 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011837.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-08RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	18.3 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011920.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.16	U	0.16	1.05	2.1	ug/Kg
319-85-7	beta-BHC	0.22	U	0.22	1.05	2.1	ug/Kg
319-86-8	delta-BHC	0.12	U	0.12	1.05	2.1	ug/Kg
58-89-9	gamma-BHC	0.18	U	0.18	1.05	2.1	ug/Kg
76-44-8	Heptachlor	0.17	U	0.17	1.05	2.1	ug/Kg
309-00-2	Aldrin	0.12	U	0.12	1.05	2.1	ug/Kg
1024-57-3	Heptachlor epoxide	0.2	U	0.2	1.05	2.1	ug/Kg
959-98-8	Endosulfan I	0.18	U	0.18	1.05	2.1	ug/Kg
60-57-1	Dieldrin	0.16	U	0.16	1.05	2.1	ug/Kg
72-55-9	4,4-DDE	0.24	U	0.24	1.05	2.1	ug/Kg
72-20-8	Endrin	0.22	U	0.22	1.05	2.1	ug/Kg
33213-65-9	Endosulfan II	0.17	U	0.17	1.05	2.1	ug/Kg
72-54-8	4,4-DDD	0.21	U	0.21	1.05	2.1	ug/Kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	1.05	2.1	ug/Kg
50-29-3	4,4-DDT	0.17	U	0.17	1.05	2.1	ug/Kg
72-43-5	Methoxychlor	0.21	U	0.21	1.05	2.1	ug/Kg
53494-70-5	Endrin ketone	0.16	U	0.16	1.05	2.1	ug/Kg
7421-93-4	Endrin aldehyde	0.18	U	0.18	1.05	2.1	ug/Kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.05	2.1	ug/Kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.05	2.1	ug/Kg
8001-35-2	Toxaphene	4.2	U	4.2	10.5	21	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	17.3		10 - 169		86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		31 - 151		112%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-08RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	18.3 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011920.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	18
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057373.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	21	U	21	200	400	ug/Kg
108-95-2	Phenol	9.4	U	9.4	200	400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	19	U	19	200	400	ug/Kg
95-57-8	2-Chlorophenol	21	U	21	200	400	ug/Kg
95-48-7	2-Methylphenol	22	U	22	200	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	17	U	17	200	400	ug/Kg
98-86-2	Acetophenone	12	U	12	200	400	ug/Kg
65794-96-9	3+4-Methylphenols	21	U	21	200	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	20	U	20	200	400	ug/Kg
67-72-1	Hexachloroethane	18	U	18	200	400	ug/Kg
98-95-3	Nitrobenzene	15	U	15	200	400	ug/Kg
78-59-1	Isophorone	13	U	13	200	400	ug/Kg
88-75-5	2-Nitrophenol	20	U	20	200	400	ug/Kg
105-67-9	2,4-Dimethylphenol	23	U	23	200	400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	23	U	23	200	400	ug/Kg
120-83-2	2,4-Dichlorophenol	15	U	15	200	400	ug/Kg
91-20-3	Naphthalene	14	U	14	200	400	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	200	400	ug/Kg
87-68-3	Hexachlorobutadiene	15	U	15	200	400	ug/Kg
105-60-2	Caprolactam	19	U	19	200	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	18	U	18	200	400	ug/Kg
91-57-6	2-Methylnaphthalene	10	U	10	200	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9.9	U	9.9	200	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	12	U	12	200	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	28	U	28	200	400	ug/Kg
92-52-4	1,1-Biphenyl	15	U	15	200	400	ug/Kg
91-58-7	2-Chloronaphthalene	9.3	U	9.3	200	400	ug/Kg
88-74-4	2-Nitroaniline	18	U	18	200	400	ug/Kg
131-11-3	Dimethylphthalate	390	J	11	200	400	ug/Kg
208-96-8	Acenaphthylene	10	U	10	200	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	17	U	17	200	400	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	18
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057373.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	26	U	26	200	400	ug/Kg
83-32-9	Acenaphthene	11	U	11	200	400	ug/Kg
51-28-5	2,4-Dinitrophenol	41	U	41	200	400	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	200	400	ug/Kg
132-64-9	Dibenzofuran	16	U	16	200	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	12	200	400	ug/Kg
84-66-2	Diethylphthalate	6.3	U	6.3	200	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	200	400	ug/Kg
86-73-7	Fluorene	15	U	15	200	400	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	200	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	23	U	23	200	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	9.7	U	9.7	200	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7.9	U	7.9	200	400	ug/Kg
118-74-1	Hexachlorobenzene	17	U	17	200	400	ug/Kg
1912-24-9	Atrazine	21	U	21	200	400	ug/Kg
87-86-5	Pentachlorophenol	28	U	28	200	400	ug/Kg
85-01-8	Phenanthrene	11	U	11	200	400	ug/Kg
120-12-7	Anthracene	8.3	U	8.3	200	400	ug/Kg
86-74-8	Carbazole	8.9	U	8.9	200	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	200	400	ug/Kg
206-44-0	Fluoranthene	8.2	U	8.2	200	400	ug/Kg
129-00-0	Pyrene	9.7	U	9.7	200	400	ug/Kg
85-68-7	Butylbenzylphthalate	19	UQ	19	200	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	200	400	ug/Kg
56-55-3	Benzo(a)anthracene	19	U	19	200	400	ug/Kg
218-01-9	Chrysene	18	U	18	200	400	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	14	UQ	14	200	400	ug/Kg
117-84-0	Di-n-octyl phthalate	4.6	U	4.6	200	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	13	U	13	200	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	19	U	19	200	400	ug/Kg
50-32-8	Benzo(a)pyrene	8.8	U	8.8	200	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	200	400	ug/Kg
53-70-3	Dibenz(a,h)anthracene	12	U	12	200	400	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	18
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057373.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	16	U	16	200	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	16	U	16	200	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	16	U	16	200	400	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106		28 - 127		71%	SPK: 150
13127-88-3	Phenol-d5	110		34 - 127		73%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.7		31 - 132		80%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.9		39 - 123		82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	112		30 - 133		75%	SPK: 150
1718-51-0	Terphenyl-d14	75.8		37 - 115		76%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198418	5.82				
1146-65-2	Naphthalene-d8	716318	7.14				
15067-26-2	Acenaphthene-d10	347961	9.11				
1517-22-2	Phenanthrene-d10	537321	11.19				
1719-03-5	Chrysene-d12	404228	15.36				
1520-96-3	Perylene-d12	344424	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	900	AB			3.81	ug/Kg
7225-66-3	Tridecane, 7-hexyl-	190	J			11.06	ug/Kg
593-49-7	Heptacosane	89	J			11.73	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	18
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034132.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.78	U	0.78	3	6	ug/Kg
74-87-3	Chloromethane	1	U	1	3	6	ug/Kg
75-01-4	Vinyl Chloride	1.5	U	1.5	3	6	ug/Kg
74-83-9	Bromomethane	3	U	3	3	6	ug/Kg
75-00-3	Chloroethane	1.7	U	1.7	3	6	ug/Kg
75-69-4	Trichlorofluoromethane	1.6	U	1.6	3	6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	U	1.6	3	6	ug/Kg
75-35-4	1,1-Dichloroethene	1.8	U	1.8	3	6	ug/Kg
67-64-1	Acetone	3.6	U	3.6	15	30	ug/Kg
75-15-0	Carbon Disulfide	1.3	U	1.3	3	6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.2	U	1.2	3	6	ug/Kg
79-20-9	Methyl Acetate	1.8	U	1.8	3	6	ug/Kg
75-09-2	Methylene Chloride	1.7	U	1.7	3	6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.83	U	0.83	3	6	ug/Kg
75-34-3	1,1-Dichloroethane	1.1	U	1.1	3	6	ug/Kg
110-82-7	Cyclohexane	1.2	U	1.2	3	6	ug/Kg
78-93-3	2-Butanone	3.8	U	3.8	15	30	ug/Kg
56-23-5	Carbon Tetrachloride	1.2	U	1.2	3	6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	3	6	ug/Kg
74-97-5	Bromochloromethane	0.95	U	0.95	3	6	ug/Kg
67-66-3	Chloroform	0.89	U	0.89	3	6	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	3	6	ug/Kg
108-87-2	Methylcyclohexane	1.3	U	1.3	3	6	ug/Kg
71-43-2	Benzene	0.46	U	0.46	3	6	ug/Kg
107-06-2	1,2-Dichloroethane	0.77	U	0.77	3	6	ug/Kg
79-01-6	Trichloroethene	1	U	1	3	6	ug/Kg
78-87-5	1,2-Dichloropropane	0.31	U	0.31	3	6	ug/Kg
75-27-4	Bromodichloromethane	0.75	U	0.75	3	6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.5	U	3.5	15	30	ug/Kg
108-88-3	Toluene	0.77	U	0.77	3	6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.95	U	0.95	3	6	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	18
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034132.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.87	U	0.87	3	6	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	3	6	ug/Kg
591-78-6	2-Hexanone	4.7	U	4.7	15	30	ug/Kg
124-48-1	Dibromochloromethane	0.65	U	0.65	3	6	ug/Kg
106-93-4	1,2-Dibromoethane	0.77	U	0.77	3	6	ug/Kg
127-18-4	Tetrachloroethene	1.2	U	1.2	3	6	ug/Kg
108-90-7	Chlorobenzene	0.6	U	0.6	3	6	ug/Kg
100-41-4	Ethyl Benzene	0.75	U	0.75	3	6	ug/Kg
179601-23-1	m/p-Xylenes	0.87	U	0.87	6	12	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	3	6	ug/Kg
100-42-5	Styrene	0.54	U	0.54	3	6	ug/Kg
75-25-2	Bromoform	0.89	U	0.89	3	6	ug/Kg
98-82-8	Isopropylbenzene	0.58	U	0.58	3	6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	0.56	3	6	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.45	U	0.45	3	6	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.5	U	0.5	3	6	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.75	U	0.75	3	6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	1.1	3	6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.85	U	0.85	3	6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.6	U	0.6	3	6	ug/Kg
123-91-1	1,4-Dioxane	60	U	60	60	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.6		56 - 120		87%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		57 - 135		93%	SPK: 50
2037-26-5	Toluene-d8	51.3		67 - 123		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.1		33 - 141		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	244980	4.33				
540-36-3	1,4-Difluorobenzene	455493	5.08				
3114-55-4	Chlorobenzene-d5	478687	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	254498	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-04(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-08	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	18
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034132.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5690		1	0.71	2.1	4.2	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.47	U	1	0.47	1.05	2.1	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	5.11	*	1	0.28	0.42	0.84	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	40	*	1	0.34	2.1	4.2	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.32		1	0.05	0.125	0.25	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.2	J	1	0.05	0.125	0.25	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	1960		1	0.9	42.05	84.1	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	11.5		1	0.11	0.21	0.42	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	6.07		1	0.48	0.63	1.26	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	14.9	*	1	0.27	0.42	0.84	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	11600		1	1.12	2.1	4.2	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	31	N*	1	0.1	0.25	0.5	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	3310		1	3.85	42.05	84.1	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	245		1	0.16	0.42	0.84	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.099		1	0.002	0.005	0.009	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	16.5		1	0.39	0.84	1.68	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1470		1	2.94	42.05	84.1	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.34	U	1	0.34	0.42	0.84	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.13	U	1	0.13	0.21	0.42	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	182		1	2.12	42.05	84.1	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.23	U	1	0.23	0.84	1.68	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	16.1		1	0.5	0.84	1.68	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	39.3	*	1	0.59	0.84	1.68	mg/Kg	07/12/12	07/16/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	3 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009184.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.6	U	3.6	8.5	17	ug/Kg
11104-28-2	Aroclor-1221	3.5	U	3.5	8.5	17	ug/Kg
11141-16-5	Aroclor-1232	7.7	U	7.7	8.5	17	ug/Kg
53469-21-9	Aroclor-1242	3.5	U	3.5	8.5	17	ug/Kg
12672-29-6	Aroclor-1248	6.8	U	6.8	8.5	17	ug/Kg
11097-69-1	Aroclor-1254	1.5	U	1.5	8.5	17	ug/Kg
11096-82-5	Aroclor-1260	4.2	U	4.2	8.5	17	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.9		10 - 166		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 125		98%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	3.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011838.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.13	U	0.13	0.9	1.8	ug/Kg
319-85-7	beta-BHC	0.19	U	0.19	0.9	1.8	ug/Kg
319-86-8	delta-BHC	0.1	U	0.1	0.9	1.8	ug/Kg
58-89-9	gamma-BHC	0.15	U	0.15	0.9	1.8	ug/Kg
76-44-8	Heptachlor	0.14	U	0.14	0.9	1.8	ug/Kg
309-00-2	Aldrin	0.1	U	0.1	0.9	1.8	ug/Kg
1024-57-3	Heptachlor epoxide	0.17	U	0.17	0.9	1.8	ug/Kg
959-98-8	Endosulfan I	0.15	U	0.15	0.9	1.8	ug/Kg
60-57-1	Dieldrin	0.13	U	0.13	0.9	1.8	ug/Kg
72-55-9	4,4-DDE	0.21	U	0.21	0.9	1.8	ug/Kg
72-20-8	Endrin	0.19	U	0.19	0.9	1.8	ug/Kg
33213-65-9	Endosulfan II	0.14	U	0.14	0.9	1.8	ug/Kg
72-54-8	4,4-DDD	0.18	U	0.18	0.9	1.8	ug/Kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	0.9	1.8	ug/Kg
50-29-3	4,4-DDT	0.14	U	0.14	0.9	1.8	ug/Kg
72-43-5	Methoxychlor	0.18	U	0.18	0.9	1.8	ug/Kg
53494-70-5	Endrin ketone	0.13	U	0.13	0.9	1.8	ug/Kg
7421-93-4	Endrin aldehyde	0.15	U	0.15	0.9	1.8	ug/Kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	0.9	1.8	ug/Kg
5103-74-2	gamma-Chlordane	0.13	U	0.13	0.9	1.8	ug/Kg
8001-35-2	Toxaphene	3.5	U	3.5	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	23.4		10 - 169		117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		31 - 151		109%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	3.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011838.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-09RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	3.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011921.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.13	U	0.13	0.9	1.8	ug/Kg
319-85-7	beta-BHC	0.19	U	0.19	0.9	1.8	ug/Kg
319-86-8	delta-BHC	0.1	U	0.1	0.9	1.8	ug/Kg
58-89-9	gamma-BHC	0.15	U	0.15	0.9	1.8	ug/Kg
76-44-8	Heptachlor	0.14	U	0.14	0.9	1.8	ug/Kg
309-00-2	Aldrin	0.1	U	0.1	0.9	1.8	ug/Kg
1024-57-3	Heptachlor epoxide	0.17	U	0.17	0.9	1.8	ug/Kg
959-98-8	Endosulfan I	0.15	U	0.15	0.9	1.8	ug/Kg
60-57-1	Dieldrin	0.13	U	0.13	0.9	1.8	ug/Kg
72-55-9	4,4-DDE	0.21	U	0.21	0.9	1.8	ug/Kg
72-20-8	Endrin	0.19	U	0.19	0.9	1.8	ug/Kg
33213-65-9	Endosulfan II	0.14	U	0.14	0.9	1.8	ug/Kg
72-54-8	4,4-DDD	0.18	U	0.18	0.9	1.8	ug/Kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	0.9	1.8	ug/Kg
50-29-3	4,4-DDT	0.14	U	0.14	0.9	1.8	ug/Kg
72-43-5	Methoxychlor	0.18	U	0.18	0.9	1.8	ug/Kg
53494-70-5	Endrin ketone	0.13	U	0.13	0.9	1.8	ug/Kg
7421-93-4	Endrin aldehyde	0.15	U	0.15	0.9	1.8	ug/Kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	0.9	1.8	ug/Kg
5103-74-2	gamma-Chlordane	0.13	U	0.13	0.9	1.8	ug/Kg
8001-35-2	Toxaphene	3.5	U	3.5	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.9		10 - 169		95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.5		31 - 151		112%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-09RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	3.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011921.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057393.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	18	U	18	170	340	ug/Kg
108-95-2	Phenol	7.9	U	7.9	170	340	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	16	U	16	170	340	ug/Kg
95-57-8	2-Chlorophenol	18	U	18	170	340	ug/Kg
95-48-7	2-Methylphenol	19	U	19	170	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	170	340	ug/Kg
98-86-2	Acetophenone	11	U	11	170	340	ug/Kg
65794-96-9	3+4-Methylphenols	18	U	18	170	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	17	U	17	170	340	ug/Kg
67-72-1	Hexachloroethane	15	U	15	170	340	ug/Kg
98-95-3	Nitrobenzene	13	U	13	170	340	ug/Kg
78-59-1	Isophorone	11	U	11	170	340	ug/Kg
88-75-5	2-Nitrophenol	17	U	17	170	340	ug/Kg
105-67-9	2,4-Dimethylphenol	19	U	19	170	340	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	20	U	20	170	340	ug/Kg
120-83-2	2,4-Dichlorophenol	13	U	13	170	340	ug/Kg
91-20-3	Naphthalene	12	U	12	170	340	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	170	340	ug/Kg
87-68-3	Hexachlorobutadiene	12	U	12	170	340	ug/Kg
105-60-2	Caprolactam	16	U	16	170	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	15	U	15	170	340	ug/Kg
91-57-6	2-Methylnaphthalene	8.7	U	8.7	170	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8.3	U	8.3	170	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	11	U	11	170	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	24	U	24	170	340	ug/Kg
92-52-4	1,1-Biphenyl	13	U	13	170	340	ug/Kg
91-58-7	2-Chloronaphthalene	7.8	U	7.8	170	340	ug/Kg
88-74-4	2-Nitroaniline	15	U	15	170	340	ug/Kg
131-11-3	Dimethylphthalate	300	J	9.3	170	340	ug/Kg
208-96-8	Acenaphthylene	8.7	U	8.7	170	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	14	U	14	170	340	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057393.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	22	U	22	170	340	ug/Kg
83-32-9	Acenaphthene	9.7	U	9.7	170	340	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	170	340	ug/Kg
100-02-7	4-Nitrophenol	64	U	64	170	340	ug/Kg
132-64-9	Dibenzofuran	13	U	13	170	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	10	U	10	170	340	ug/Kg
84-66-2	Diethylphthalate	5.4	U	5.4	170	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	170	340	ug/Kg
86-73-7	Fluorene	13	U	13	170	340	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	170	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	170	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.2	U	8.2	170	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.7	U	6.7	170	340	ug/Kg
118-74-1	Hexachlorobenzene	14	U	14	170	340	ug/Kg
1912-24-9	Atrazine	18	U	18	170	340	ug/Kg
87-86-5	Pentachlorophenol	23	U	23	170	340	ug/Kg
85-01-8	Phenanthrene	9.3	U	9.3	170	340	ug/Kg
120-12-7	Anthracene	7	U	7	170	340	ug/Kg
86-74-8	Carbazole	7.5	U	7.5	170	340	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	170	340	ug/Kg
206-44-0	Fluoranthene	6.9	U	6.9	170	340	ug/Kg
129-00-0	Pyrene	8.2	U	8.2	170	340	ug/Kg
85-68-7	Butylbenzylphthalate	16	UQ	16	170	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	22	U	22	170	340	ug/Kg
56-55-3	Benzo(a)anthracene	16	U	16	170	340	ug/Kg
218-01-9	Chrysene	16	U	16	170	340	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	12	UQ	12	170	340	ug/Kg
117-84-0	Di-n-octyl phthalate	3.9	U	3.9	170	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	11	U	11	170	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	U	16	170	340	ug/Kg
50-32-8	Benzo(a)pyrene	7.4	U	7.4	170	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11	U	11	170	340	ug/Kg
53-70-3	Dibenz(a,h)anthracene	9.9	U	9.9	170	340	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057393.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	14	U	14	170	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	170	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	170	340	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.9		28 - 127		61%	SPK: 150
13127-88-3	Phenol-d5	97.2		34 - 127		65%	SPK: 150
4165-60-0	Nitrobenzene-d5	71.7		31 - 132		72%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.3		39 - 123		79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.8		30 - 133		67%	SPK: 150
1718-51-0	Terphenyl-d14	73.8		37 - 115		74%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191183	5.83				
1146-65-2	Naphthalene-d8	697039	7.14				
15067-26-2	Acenaphthene-d10	334228	9.11				
1517-22-2	Phenanthrene-d10	528606	11.19				
1719-03-5	Chrysene-d12	409433	15.36				
1520-96-3	Perylene-d12	347444	17.71				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	600	AB			3.81	ug/Kg
593-45-3	Octadecane	130	J			11.06	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	3
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034133.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.67	U	0.67	2.55	5.1	ug/Kg
74-87-3	Chloromethane	0.88	U	0.88	2.55	5.1	ug/Kg
75-01-4	Vinyl Chloride	1.3	U	1.3	2.55	5.1	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	2.55	5.1	ug/Kg
75-00-3	Chloroethane	1.4	U	1.4	2.55	5.1	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	1.4	2.55	5.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.4	U	1.4	2.55	5.1	ug/Kg
75-35-4	1,1-Dichloroethene	1.5	U	1.5	2.55	5.1	ug/Kg
67-64-1	Acetone	3.1	U	3.1	13	26	ug/Kg
75-15-0	Carbon Disulfide	1.1	U	1.1	2.55	5.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.99	U	0.99	2.55	5.1	ug/Kg
79-20-9	Methyl Acetate	1.6	U	1.6	2.55	5.1	ug/Kg
75-09-2	Methylene Chloride	1.5	U	1.5	2.55	5.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.71	U	0.71	2.55	5.1	ug/Kg
75-34-3	1,1-Dichloroethane	0.97	U	0.97	2.55	5.1	ug/Kg
110-82-7	Cyclohexane	1	U	1	2.55	5.1	ug/Kg
78-93-3	2-Butanone	3.2	U	3.2	13	26	ug/Kg
56-23-5	Carbon Tetrachloride	1	U	1	2.55	5.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.91	U	0.91	2.55	5.1	ug/Kg
74-97-5	Bromochloromethane	0.81	U	0.81	2.55	5.1	ug/Kg
67-66-3	Chloroform	0.76	U	0.76	2.55	5.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.9	U	0.9	2.55	5.1	ug/Kg
108-87-2	Methylcyclohexane	1.1	U	1.1	2.55	5.1	ug/Kg
71-43-2	Benzene	0.39	U	0.39	2.55	5.1	ug/Kg
107-06-2	1,2-Dichloroethane	0.66	U	0.66	2.55	5.1	ug/Kg
79-01-6	Trichloroethene	0.88	U	0.88	2.55	5.1	ug/Kg
78-87-5	1,2-Dichloropropane	0.27	U	0.27	2.55	5.1	ug/Kg
75-27-4	Bromodichloromethane	0.64	U	0.64	2.55	5.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3	U	3	13	26	ug/Kg
108-88-3	Toluene	0.66	U	0.66	2.55	5.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.81	U	0.81	2.55	5.1	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	3
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034133.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.74	U	0.74	2.55	5.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	2.55	5.1	ug/Kg
591-78-6	2-Hexanone	4	U	4	13	26	ug/Kg
124-48-1	Dibromochloromethane	0.55	U	0.55	2.55	5.1	ug/Kg
106-93-4	1,2-Dibromoethane	0.66	U	0.66	2.55	5.1	ug/Kg
127-18-4	Tetrachloroethene	1	U	1	2.55	5.1	ug/Kg
108-90-7	Chlorobenzene	0.51	U	0.51	2.55	5.1	ug/Kg
100-41-4	Ethyl Benzene	0.64	U	0.64	2.55	5.1	ug/Kg
179601-23-1	m/p-Xylenes	0.74	U	0.74	5	10	ug/Kg
95-47-6	o-Xylene	0.7	U	0.7	2.55	5.1	ug/Kg
100-42-5	Styrene	0.46	U	0.46	2.55	5.1	ug/Kg
75-25-2	Bromoform	0.76	U	0.76	2.55	5.1	ug/Kg
98-82-8	Isopropylbenzene	0.49	U	0.49	2.55	5.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.47	U	0.47	2.55	5.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.38	U	0.38	2.55	5.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.42	U	0.42	2.55	5.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.64	U	0.64	2.55	5.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.89	U	0.89	2.55	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.72	U	0.72	2.55	5.1	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	2.55	5.1	ug/Kg
123-91-1	1,4-Dioxane	51	U	51	50	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42.7		56 - 120		85%	SPK: 50
1868-53-7	Dibromofluoromethane	47.3		57 - 135		95%	SPK: 50
2037-26-5	Toluene-d8	51.3		67 - 123		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.5		33 - 141		115%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	244408	4.34				
540-36-3	1,4-Difluorobenzene	444353	5.08				
3114-55-4	Chlorobenzene-d5	474404	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	230383	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-09	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	3
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034133.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	98.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	3040		1	0.66	1.95	3.9	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.44	U	1	0.44	0.975	1.95	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	2.27	*	1	0.26	0.39	0.78	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	25.9	*	1	0.31	1.95	3.9	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.16	J	1	0.05	0.115	0.23	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.05	U	1	0.05	0.115	0.23	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	5770		1	0.83	39	78	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	5.69		1	0.1	0.195	0.39	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	3.6		1	0.44	0.585	1.17	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	6.46	*	1	0.25	0.39	0.78	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	7160		1	1.04	1.95	3.9	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	2.71	N*	1	0.09	0.235	0.47	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	2870		1	3.57	39	78	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	205		1	0.15	0.39	0.78	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.002	U	1	0.002	0.005	0.009	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	10.6		1	0.36	0.78	1.56	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	659		1	2.73	39	78	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.68	J	1	0.32	0.39	0.78	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.12	U	1	0.12	0.195	0.39	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	40.6	J	1	1.97	39	78	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.21	U	1	0.21	0.78	1.56	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	8.45		1	0.46	0.78	1.56	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	16.2	*	1	0.55	0.78	1.56	mg/Kg	07/12/12	07/16/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	1 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009185.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.5	U	3.5	8.5	17	ug/Kg
11104-28-2	Aroclor-1221	3.4	U	3.4	8.5	17	ug/Kg
11141-16-5	Aroclor-1232	7.5	U	7.5	8.5	17	ug/Kg
53469-21-9	Aroclor-1242	3.4	U	3.4	8.5	17	ug/Kg
12672-29-6	Aroclor-1248	6.6	U	6.6	8.5	17	ug/Kg
11097-69-1	Aroclor-1254	1.5	U	1.5	8.5	17	ug/Kg
11096-82-5	Aroclor-1260	4.1	U	4.1	8.5	17	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.5		10 - 166		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	18		60 - 125		90%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	1.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011839.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.13	U	0.13	0.85	1.7	ug/Kg
319-85-7	beta-BHC	0.18	U	0.18	0.85	1.7	ug/Kg
319-86-8	delta-BHC	0.1	U	0.1	0.85	1.7	ug/Kg
58-89-9	gamma-BHC	0.15	U	0.15	0.85	1.7	ug/Kg
76-44-8	Heptachlor	0.14	U	0.14	0.85	1.7	ug/Kg
309-00-2	Aldrin	0.1	U	0.1	0.85	1.7	ug/Kg
1024-57-3	Heptachlor epoxide	0.16	U	0.16	0.85	1.7	ug/Kg
959-98-8	Endosulfan I	0.15	U	0.15	0.85	1.7	ug/Kg
60-57-1	Dieldrin	0.13	U	0.13	0.85	1.7	ug/Kg
72-55-9	4,4-DDE	0.2	U	0.2	0.85	1.7	ug/Kg
72-20-8	Endrin	0.18	U	0.18	0.85	1.7	ug/Kg
33213-65-9	Endosulfan II	0.14	U	0.14	0.85	1.7	ug/Kg
72-54-8	4,4-DDD	0.17	U	0.17	0.85	1.7	ug/Kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	0.85	1.7	ug/Kg
50-29-3	4,4-DDT	0.14	U	0.14	0.85	1.7	ug/Kg
72-43-5	Methoxychlor	0.17	U	0.17	0.85	1.7	ug/Kg
53494-70-5	Endrin ketone	0.13	U	0.13	0.85	1.7	ug/Kg
7421-93-4	Endrin aldehyde	0.15	U	0.15	0.85	1.7	ug/Kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	0.85	1.7	ug/Kg
5103-74-2	gamma-Chlordane	0.13	U	0.13	0.85	1.7	ug/Kg
8001-35-2	Toxaphene	3.4	U	3.4	8.5	17	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.8		10 - 169		109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		31 - 151		103%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	1.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011839.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-10RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	1.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011922.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.13	U	0.13	0.85	1.7	ug/Kg
319-85-7	beta-BHC	0.18	U	0.18	0.85	1.7	ug/Kg
319-86-8	delta-BHC	0.1	U	0.1	0.85	1.7	ug/Kg
58-89-9	gamma-BHC	0.15	U	0.15	0.85	1.7	ug/Kg
76-44-8	Heptachlor	0.14	U	0.14	0.85	1.7	ug/Kg
309-00-2	Aldrin	0.1	U	0.1	0.85	1.7	ug/Kg
1024-57-3	Heptachlor epoxide	0.16	U	0.16	0.85	1.7	ug/Kg
959-98-8	Endosulfan I	0.15	U	0.15	0.85	1.7	ug/Kg
60-57-1	Dieldrin	0.13	U	0.13	0.85	1.7	ug/Kg
72-55-9	4,4-DDE	0.2	U	0.2	0.85	1.7	ug/Kg
72-20-8	Endrin	0.18	U	0.18	0.85	1.7	ug/Kg
33213-65-9	Endosulfan II	0.14	U	0.14	0.85	1.7	ug/Kg
72-54-8	4,4-DDD	0.17	U	0.17	0.85	1.7	ug/Kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	0.85	1.7	ug/Kg
50-29-3	4,4-DDT	0.14	U	0.14	0.85	1.7	ug/Kg
72-43-5	Methoxychlor	0.17	U	0.17	0.85	1.7	ug/Kg
53494-70-5	Endrin ketone	0.13	U	0.13	0.85	1.7	ug/Kg
7421-93-4	Endrin aldehyde	0.15	U	0.15	0.85	1.7	ug/Kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	0.85	1.7	ug/Kg
5103-74-2	gamma-Chlordane	0.13	U	0.13	0.85	1.7	ug/Kg
8001-35-2	Toxaphene	3.4	U	3.4	8.5	17	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	19		10 - 169		95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		31 - 151		94%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-10RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	1.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011922.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057376.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	18	U	18	165	330	ug/Kg
108-95-2	Phenol	7.8	U	7.8	165	330	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	16	U	16	165	330	ug/Kg
95-57-8	2-Chlorophenol	18	U	18	165	330	ug/Kg
95-48-7	2-Methylphenol	18	U	18	165	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	165	330	ug/Kg
98-86-2	Acetophenone	10	U	10	165	330	ug/Kg
65794-96-9	3+4-Methylphenols	17	U	17	165	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	17	U	17	165	330	ug/Kg
67-72-1	Hexachloroethane	15	U	15	165	330	ug/Kg
98-95-3	Nitrobenzene	13	U	13	165	330	ug/Kg
78-59-1	Isophorone	11	U	11	165	330	ug/Kg
88-75-5	2-Nitrophenol	16	U	16	165	330	ug/Kg
105-67-9	2,4-Dimethylphenol	19	U	19	165	330	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	19	U	19	165	330	ug/Kg
120-83-2	2,4-Dichlorophenol	13	U	13	165	330	ug/Kg
91-20-3	Naphthalene	12	U	12	165	330	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	165	330	ug/Kg
87-68-3	Hexachlorobutadiene	12	U	12	165	330	ug/Kg
105-60-2	Caprolactam	16	U	16	165	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	15	U	15	165	330	ug/Kg
91-57-6	2-Methylnaphthalene	8.5	U	8.5	165	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8.2	U	8.2	165	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	10	U	10	165	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	24	U	24	165	330	ug/Kg
92-52-4	1,1-Biphenyl	13	U	13	165	330	ug/Kg
91-58-7	2-Chloronaphthalene	7.7	U	7.7	165	330	ug/Kg
88-74-4	2-Nitroaniline	15	U	15	165	330	ug/Kg
131-11-3	Dimethylphthalate	290	J	9.1	165	330	ug/Kg
208-96-8	Acenaphthylene	8.5	U	8.5	165	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	14	U	14	165	330	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057376.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	22	U	22	165	330	ug/Kg
83-32-9	Acenaphthene	9.5	U	9.5	165	330	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	165	330	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	165	330	ug/Kg
132-64-9	Dibenzofuran	13	U	13	165	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	10	U	10	165	330	ug/Kg
84-66-2	Diethylphthalate	5.2	U	5.2	165	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	18	U	18	165	330	ug/Kg
86-73-7	Fluorene	13	U	13	165	330	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	165	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	165	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.1	U	8.1	165	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.6	U	6.6	165	330	ug/Kg
118-74-1	Hexachlorobenzene	14	U	14	165	330	ug/Kg
1912-24-9	Atrazine	18	U	18	165	330	ug/Kg
87-86-5	Pentachlorophenol	23	U	23	165	330	ug/Kg
85-01-8	Phenanthrene	9.1	U	9.1	165	330	ug/Kg
120-12-7	Anthracene	6.9	U	6.9	165	330	ug/Kg
86-74-8	Carbazole	7.4	U	7.4	165	330	ug/Kg
84-74-2	Di-n-butylphthalate	26	U	26	165	330	ug/Kg
206-44-0	Fluoranthene	6.8	U	6.8	165	330	ug/Kg
129-00-0	Pyrene	8.1	U	8.1	165	330	ug/Kg
85-68-7	Butylbenzylphthalate	16	UQ	16	165	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	22	U	22	165	330	ug/Kg
56-55-3	Benzo(a)anthracene	16	U	16	165	330	ug/Kg
218-01-9	Chrysene	15	U	15	165	330	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	12	UQ	12	165	330	ug/Kg
117-84-0	Di-n-octyl phthalate	3.8	U	3.8	165	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	11	U	11	165	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	U	16	165	330	ug/Kg
50-32-8	Benzo(a)pyrene	7.3	U	7.3	165	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11	U	11	165	330	ug/Kg
53-70-3	Dibenz(a,h)anthracene	9.7	U	9.7	165	330	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057376.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	14	U	14	165	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	13	U	13	165	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	13	U	13	165	330	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116		28 - 127		78%	SPK: 150
13127-88-3	Phenol-d5	122		34 - 127		81%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.6		31 - 132		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.9		39 - 123		100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		30 - 133		83%	SPK: 150
1718-51-0	Terphenyl-d14	97.7		37 - 115		98%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192122	5.83				
1146-65-2	Naphthalene-d8	700610	7.14				
15067-26-2	Acenaphthene-d10	342650	9.11				
1517-22-2	Phenanthrene-d10	536585	11.19				
1719-03-5	Chrysene-d12	396157	15.36				
1520-96-3	Perylene-d12	329003	17.71				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	780	AB			3.81	ug/Kg
629-62-9	Pentadecane	180	J			11.06	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	1
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034134.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.66	U	0.66	2.55	5.1	ug/Kg
74-87-3	Chloromethane	0.87	U	0.87	2.55	5.1	ug/Kg
75-01-4	Vinyl Chloride	1.2	U	1.2	2.55	5.1	ug/Kg
74-83-9	Bromomethane	2.5	U	2.5	2.55	5.1	ug/Kg
75-00-3	Chloroethane	1.4	U	1.4	2.55	5.1	ug/Kg
75-69-4	Trichlorofluoromethane	1.3	U	1.3	2.55	5.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	1.3	2.55	5.1	ug/Kg
75-35-4	1,1-Dichloroethene	1.5	U	1.5	2.55	5.1	ug/Kg
67-64-1	Acetone	3.1	U	3.1	12.5	25	ug/Kg
75-15-0	Carbon Disulfide	1.1	U	1.1	2.55	5.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.97	U	0.97	2.55	5.1	ug/Kg
79-20-9	Methyl Acetate	1.5	U	1.5	2.55	5.1	ug/Kg
75-09-2	Methylene Chloride	1.4	U	1.4	2.55	5.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.7	U	0.7	2.55	5.1	ug/Kg
75-34-3	1,1-Dichloroethane	0.95	U	0.95	2.55	5.1	ug/Kg
110-82-7	Cyclohexane	1	U	1	2.55	5.1	ug/Kg
78-93-3	2-Butanone	3.1	U	3.1	12.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	1	U	1	2.55	5.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.9	U	0.9	2.55	5.1	ug/Kg
74-97-5	Bromochloromethane	0.8	U	0.8	2.55	5.1	ug/Kg
67-66-3	Chloroform	0.75	U	0.75	2.55	5.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.89	U	0.89	2.55	5.1	ug/Kg
108-87-2	Methylcyclohexane	1.1	U	1.1	2.55	5.1	ug/Kg
71-43-2	Benzene	0.38	U	0.38	2.55	5.1	ug/Kg
107-06-2	1,2-Dichloroethane	0.65	U	0.65	2.55	5.1	ug/Kg
79-01-6	Trichloroethene	0.87	U	0.87	2.55	5.1	ug/Kg
78-87-5	1,2-Dichloropropane	0.26	U	0.26	2.55	5.1	ug/Kg
75-27-4	Bromodichloromethane	0.63	U	0.63	2.55	5.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.9	U	2.9	12.5	25	ug/Kg
108-88-3	Toluene	0.65	U	0.65	2.55	5.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.8	U	0.8	2.55	5.1	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	1
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034134.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.73	U	0.73	2.55	5.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.91	U	0.91	2.55	5.1	ug/Kg
591-78-6	2-Hexanone	4	U	4	12.5	25	ug/Kg
124-48-1	Dibromochloromethane	0.55	U	0.55	2.55	5.1	ug/Kg
106-93-4	1,2-Dibromoethane	0.65	U	0.65	2.55	5.1	ug/Kg
127-18-4	Tetrachloroethene	1	U	1	2.55	5.1	ug/Kg
108-90-7	Chlorobenzene	0.51	U	0.51	2.55	5.1	ug/Kg
100-41-4	Ethyl Benzene	0.63	U	0.63	2.55	5.1	ug/Kg
179601-23-1	m/p-Xylenes	0.73	U	0.73	5	10	ug/Kg
95-47-6	o-Xylene	0.69	U	0.69	2.55	5.1	ug/Kg
100-42-5	Styrene	0.45	U	0.45	2.55	5.1	ug/Kg
75-25-2	Bromoform	0.75	U	0.75	2.55	5.1	ug/Kg
98-82-8	Isopropylbenzene	0.48	U	0.48	2.55	5.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.46	U	0.46	2.55	5.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.37	U	0.37	2.55	5.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.41	U	0.41	2.55	5.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.63	U	0.63	2.55	5.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.88	U	0.88	2.55	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.71	U	0.71	2.55	5.1	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	2.55	5.1	ug/Kg
123-91-1	1,4-Dioxane	51	U	51	50	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.6		56 - 120		95%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		57 - 135		94%	SPK: 50
2037-26-5	Toluene-d8	50.6		67 - 123		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.5		33 - 141		117%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	249661	4.34				
540-36-3	1,4-Difluorobenzene	458469	5.09				
3114-55-4	Chlorobenzene-d5	482657	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	253739	12.22				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-05(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-10	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	1
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034134.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	9890		1	0.79	2.355	4.71	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.53	U	1	0.53	1.18	2.36	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	4.49	*	1	0.31	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	77.8	*	1	0.38	2.355	4.71	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.47		1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.53		1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	737		1	1.01	47.1	94.2	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	24.2		1	0.12	0.235	0.47	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	9.04		1	0.54	0.705	1.41	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	25.2	*	1	0.3	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	18500		1	1.25	2.355	4.71	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	82.7	N*	1	0.11	0.285	0.57	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	4650		1	4.31	47.1	94.2	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	309		1	0.18	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.411		1	0.002	0.005	0.01	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	26.5		1	0.43	0.94	1.88	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	2900		1	3.3	47.1	94.2	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.39	U	1	0.39	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.14	U	1	0.14	0.235	0.47	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	52.8	J	1	2.37	47.1	94.2	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.25	U	1	0.25	0.94	1.88	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	31.5		1	0.56	0.94	1.88	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	72.5	*	1	0.66	0.94	1.88	mg/Kg	07/12/12	07/16/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	11 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009186.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.9	U	3.9	9.5	19	ug/Kg
11104-28-2	Aroclor-1221	3.8	U	3.8	9.5	19	ug/Kg
11141-16-5	Aroclor-1232	8.4	U	8.4	9.5	19	ug/Kg
53469-21-9	Aroclor-1242	3.8	U	3.8	9.5	19	ug/Kg
12672-29-6	Aroclor-1248	7.4	U	7.4	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	1.7	U	1.7	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	4.6	U	4.6	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.5		10 - 166		87%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 125		97%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10.8 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011842.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.15	U	0.15	0.95	1.9	ug/Kg
319-85-7	beta-BHC	0.2	U	0.2	0.95	1.9	ug/Kg
319-86-8	delta-BHC	0.11	U	0.11	0.95	1.9	ug/Kg
58-89-9	gamma-BHC	0.17	U	0.17	0.95	1.9	ug/Kg
76-44-8	Heptachlor	0.16	U	0.16	0.95	1.9	ug/Kg
309-00-2	Aldrin	0.11	U	0.11	0.95	1.9	ug/Kg
1024-57-3	Heptachlor epoxide	0.18	U	0.18	0.95	1.9	ug/Kg
959-98-8	Endosulfan I	0.17	U	0.17	0.95	1.9	ug/Kg
60-57-1	Dieldrin	0.15	U	0.15	0.95	1.9	ug/Kg
72-55-9	4,4-DDE	0.22	U	0.22	0.95	1.9	ug/Kg
72-20-8	Endrin	0.2	U	0.2	0.95	1.9	ug/Kg
33213-65-9	Endosulfan II	0.16	U	0.16	0.95	1.9	ug/Kg
72-54-8	4,4-DDD	0.19	U	0.19	0.95	1.9	ug/Kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	0.95	1.9	ug/Kg
50-29-3	4,4-DDT	0.16	U	0.16	0.95	1.9	ug/Kg
72-43-5	Methoxychlor	0.19	U	0.19	0.95	1.9	ug/Kg
53494-70-5	Endrin ketone	0.15	U	0.15	0.95	1.9	ug/Kg
7421-93-4	Endrin aldehyde	0.17	U	0.17	0.95	1.9	ug/Kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	0.95	1.9	ug/Kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	0.95	1.9	ug/Kg
8001-35-2	Toxaphene	3.8	U	3.8	9.5	19	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.5		10 - 169		92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.2		31 - 151		81%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10.8 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011842.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-11RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10.8 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011925.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.15	U	0.15	0.95	1.9	ug/Kg
319-85-7	beta-BHC	0.2	U	0.2	0.95	1.9	ug/Kg
319-86-8	delta-BHC	0.11	U	0.11	0.95	1.9	ug/Kg
58-89-9	gamma-BHC	0.17	U	0.17	0.95	1.9	ug/Kg
76-44-8	Heptachlor	0.16	U	0.16	0.95	1.9	ug/Kg
309-00-2	Aldrin	0.11	U	0.11	0.95	1.9	ug/Kg
1024-57-3	Heptachlor epoxide	0.18	U	0.18	0.95	1.9	ug/Kg
959-98-8	Endosulfan I	0.17	U	0.17	0.95	1.9	ug/Kg
60-57-1	Dieldrin	0.15	U	0.15	0.95	1.9	ug/Kg
72-55-9	4,4-DDE	0.22	U	0.22	0.95	1.9	ug/Kg
72-20-8	Endrin	0.2	U	0.2	0.95	1.9	ug/Kg
33213-65-9	Endosulfan II	0.16	U	0.16	0.95	1.9	ug/Kg
72-54-8	4,4-DDD	0.19	U	0.19	0.95	1.9	ug/Kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	0.95	1.9	ug/Kg
50-29-3	4,4-DDT	0.16	U	0.16	0.95	1.9	ug/Kg
72-43-5	Methoxychlor	0.19	U	0.19	0.95	1.9	ug/Kg
53494-70-5	Endrin ketone	0.15	U	0.15	0.95	1.9	ug/Kg
7421-93-4	Endrin aldehyde	0.17	U	0.17	0.95	1.9	ug/Kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	0.95	1.9	ug/Kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	0.95	1.9	ug/Kg
8001-35-2	Toxaphene	3.8	U	3.8	9.5	19	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.6		10 - 169		93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		31 - 151		98%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-11RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10.8 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011925.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057405.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	20	U	20	185	370	ug/Kg
108-95-2	Phenol	8.6	U	8.6	185	370	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	18	U	18	185	370	ug/Kg
95-57-8	2-Chlorophenol	20	U	20	185	370	ug/Kg
95-48-7	2-Methylphenol	20	U	20	185	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	15	U	15	185	370	ug/Kg
98-86-2	Acetophenone	11	U	11	185	370	ug/Kg
65794-96-9	3+4-Methylphenols	19	U	19	185	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	185	370	ug/Kg
67-72-1	Hexachloroethane	17	U	17	185	370	ug/Kg
98-95-3	Nitrobenzene	14	U	14	185	370	ug/Kg
78-59-1	Isophorone	12	U	12	185	370	ug/Kg
88-75-5	2-Nitrophenol	18	U	18	185	370	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	185	370	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	22	U	22	185	370	ug/Kg
120-83-2	2,4-Dichlorophenol	14	U	14	185	370	ug/Kg
91-20-3	Naphthalene	190	J	13	185	370	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	185	370	ug/Kg
87-68-3	Hexachlorobutadiene	14	U	14	185	370	ug/Kg
105-60-2	Caprolactam	17	U	17	185	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	17	U	17	185	370	ug/Kg
91-57-6	2-Methylnaphthalene	9.4	U	9.4	185	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9.1	U	9.1	185	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	11	U	11	185	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	26	U	26	185	370	ug/Kg
92-52-4	1,1-Biphenyl	14	U	14	185	370	ug/Kg
91-58-7	2-Chloronaphthalene	8.5	U	8.5	185	370	ug/Kg
88-74-4	2-Nitroaniline	17	U	17	185	370	ug/Kg
131-11-3	Dimethylphthalate	480		10	185	370	ug/Kg
208-96-8	Acenaphthylene	9.4	U	9.4	185	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	15	U	15	185	370	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057405.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	24	U	24	185	370	ug/Kg
83-32-9	Acenaphthene	11	U	11	185	370	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	185	370	ug/Kg
100-02-7	4-Nitrophenol	69	U	69	185	370	ug/Kg
132-64-9	Dibenzofuran	15	U	15	185	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	11	U	11	185	370	ug/Kg
84-66-2	Diethylphthalate	5.8	U	5.8	185	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	185	370	ug/Kg
86-73-7	Fluorene	160	J	14	185	370	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	185	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	185	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	9	U	9	185	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7.3	U	7.3	185	370	ug/Kg
118-74-1	Hexachlorobenzene	15	U	15	185	370	ug/Kg
1912-24-9	Atrazine	20	U	20	185	370	ug/Kg
87-86-5	Pentachlorophenol	26	U	26	185	370	ug/Kg
85-01-8	Phenanthrene	2000		10	185	370	ug/Kg
120-12-7	Anthracene	390		7.6	185	370	ug/Kg
86-74-8	Carbazole	210	J	8.2	185	370	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	185	370	ug/Kg
206-44-0	Fluoranthene	2500		7.5	185	370	ug/Kg
129-00-0	Pyrene	2100		9	185	370	ug/Kg
85-68-7	Butylbenzylphthalate	18	UQ	18	185	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	24	U	24	185	370	ug/Kg
56-55-3	Benzo(a)anthracene	1200		18	185	370	ug/Kg
218-01-9	Chrysene	1300		17	185	370	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	13	UQ	13	185	370	ug/Kg
117-84-0	Di-n-octyl phthalate	4.3	U	4.3	185	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		12	185	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	600		18	185	370	ug/Kg
50-32-8	Benzo(a)pyrene	1100		8.1	185	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660		12	185	370	ug/Kg
53-70-3	Dibenz(a,h)anthracene	150	J	11	185	370	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057405.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	760		15	185	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	15	U	15	185	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	185	370	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127		28 - 127		85%	SPK: 150
13127-88-3	Phenol-d5	131		34 - 127		88%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.1		31 - 132		98%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		39 - 123		102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		30 - 133		93%	SPK: 150
1718-51-0	Terphenyl-d14	92.6		37 - 115		93%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	194020	5.83				
1146-65-2	Naphthalene-d8	711775	7.14				
15067-26-2	Acenaphthene-d10	339651	9.11				
1517-22-2	Phenanthrene-d10	523744	11.19				
1719-03-5	Chrysene-d12	425566	15.36				
1520-96-3	Perylene-d12	406872	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1000	AB			3.81	ug/Kg
	unknown10.82	80	J			10.82	ug/Kg
486-25-9	9H-Fluoren-9-one	120	J			10.9	ug/Kg
132-65-0	Dibenzothiophene	130	J			11.03	ug/Kg
646-31-1	Tetracosane	240	J			11.07	ug/Kg
73105-67-6	1-Iodo-2-methylundecane	120	J			11.73	ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	220	J			11.96	ug/Kg
832-69-9	Phenanthrene, 1-methyl-	310	J			12	ug/Kg
613-12-7	Anthracene, 2-methyl-	160	J			12.08	ug/Kg
203-64-5	4H-Cyclopenta[def]phenanthrene	360	J			12.13	ug/Kg
000610-48-0	Anthracene, 1-methyl-	120	J			12.17	ug/Kg
6572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	140	J			12.44	ug/Kg
781-92-0	Anthracene, 1,4-dimethyl-	160	J			12.83	ug/Kg
3442-78-2	Pyrene, 2-methyl-	79	J			14.13	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057405.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
479-79-8	11H-Benzo[a]fluoren-11-one	84	J			14.77	ug/Kg
611-48-3	Naphthalene, 1-(2-naphthalenylmeth	82	J			17.38	ug/Kg
192-97-2	Benzo[e]pyrene	820	J			17.52	ug/Kg
198-55-0	Perylene	290	J			17.77	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	11
Sample Wt/Vol:	5.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034135.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.72	U	0.72	2.75	5.5	ug/Kg
74-87-3	Chloromethane	0.95	U	0.95	2.75	5.5	ug/Kg
75-01-4	Vinyl Chloride	1.4	U	1.4	2.75	5.5	ug/Kg
74-83-9	Bromomethane	2.7	U	2.7	2.75	5.5	ug/Kg
75-00-3	Chloroethane	1.6	U	1.6	2.75	5.5	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	1.5	2.75	5.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	2.75	5.5	ug/Kg
75-35-4	1,1-Dichloroethene	1.6	U	1.6	2.75	5.5	ug/Kg
67-64-1	Acetone	3.3	U	3.3	14	28	ug/Kg
75-15-0	Carbon Disulfide	1.2	U	1.2	2.75	5.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	1.1	2.75	5.5	ug/Kg
79-20-9	Methyl Acetate	1.7	U	1.7	2.75	5.5	ug/Kg
75-09-2	Methylene Chloride	1.6	U	1.6	2.75	5.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.76	U	0.76	2.75	5.5	ug/Kg
75-34-3	1,1-Dichloroethane	1	U	1	2.75	5.5	ug/Kg
110-82-7	Cyclohexane	1.1	U	1.1	2.75	5.5	ug/Kg
78-93-3	2-Butanone	3.4	U	3.4	14	28	ug/Kg
56-23-5	Carbon Tetrachloride	1.1	U	1.1	2.75	5.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.99	U	0.99	2.75	5.5	ug/Kg
74-97-5	Bromochloromethane	0.88	U	0.88	2.75	5.5	ug/Kg
67-66-3	Chloroform	0.82	U	0.82	2.75	5.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.98	U	0.98	2.75	5.5	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	1.2	2.75	5.5	ug/Kg
71-43-2	Benzene	0.42	U	0.42	2.75	5.5	ug/Kg
107-06-2	1,2-Dichloroethane	0.71	U	0.71	2.75	5.5	ug/Kg
79-01-6	Trichloroethene	0.95	U	0.95	2.75	5.5	ug/Kg
78-87-5	1,2-Dichloropropane	0.29	U	0.29	2.75	5.5	ug/Kg
75-27-4	Bromodichloromethane	0.69	U	0.69	2.75	5.5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.2	U	3.2	14	28	ug/Kg
108-88-3	Toluene	0.71	U	0.71	2.75	5.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.88	U	0.88	2.75	5.5	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	11
Sample Wt/Vol:	5.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034135.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.8	U	0.8	2.75	5.5	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	U	1	2.75	5.5	ug/Kg
591-78-6	2-Hexanone	4.3	U	4.3	14	28	ug/Kg
124-48-1	Dibromochloromethane	0.6	U	0.6	2.75	5.5	ug/Kg
106-93-4	1,2-Dibromoethane	0.71	U	0.71	2.75	5.5	ug/Kg
127-18-4	Tetrachloroethene	1.1	U	1.1	2.75	5.5	ug/Kg
108-90-7	Chlorobenzene	0.55	U	0.55	2.75	5.5	ug/Kg
100-41-4	Ethyl Benzene	0.69	U	0.69	2.75	5.5	ug/Kg
179601-23-1	m/p-Xylenes	0.8	U	0.8	5.5	11	ug/Kg
95-47-6	o-Xylene	0.75	U	0.75	2.75	5.5	ug/Kg
100-42-5	Styrene	0.5	U	0.5	2.75	5.5	ug/Kg
75-25-2	Bromoform	0.82	U	0.82	2.75	5.5	ug/Kg
98-82-8	Isopropylbenzene	0.53	U	0.53	2.75	5.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	0.51	2.75	5.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.41	U	0.41	2.75	5.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.45	U	0.45	2.75	5.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.69	U	0.69	2.75	5.5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.96	U	0.96	2.75	5.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.78	U	0.78	2.75	5.5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.55	U	0.55	2.75	5.5	ug/Kg
123-91-1	1,4-Dioxane	55	U	55	55	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.7		56 - 120		87%	SPK: 50
1868-53-7	Dibromofluoromethane	44.9		57 - 135		90%	SPK: 50
2037-26-5	Toluene-d8	49.4		67 - 123		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		33 - 141		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	239386	4.33				
540-36-3	1,4-Difluorobenzene	440569	5.08				
3114-55-4	Chlorobenzene-d5	453685	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	238376	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-11	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	11
Sample Wt/Vol:	5.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034135.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7800		1	0.78	2.33	4.66	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.52	U	1	0.52	1.165	2.33	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	2.94	*	1	0.31	0.465	0.93	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	52.2	*	1	0.37	2.33	4.66	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.52		1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.3		1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	1170		1	1	46.55	93.1	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	16.8		1	0.12	0.235	0.47	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	8.1		1	0.53	0.7	1.4	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	15.6	*	1	0.3	0.465	0.93	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	14600		1	1.24	2.33	4.66	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	13	N*	1	0.11	0.28	0.56	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	2880		1	4.26	46.55	93.1	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	253		1	0.18	0.465	0.93	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.003	J	1	0.002	0.006	0.012	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	26.7		1	0.43	0.93	1.86	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	2020		1	3.26	46.55	93.1	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.38	U	1	0.38	0.465	0.93	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.14	U	1	0.14	0.235	0.47	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	20.2	J	1	2.35	46.55	93.1	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.25	U	1	0.25	0.93	1.86	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	23		1	0.55	0.93	1.86	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	30.1	*	1	0.65	0.93	1.86	mg/Kg	07/12/12	07/16/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	22 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009187.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.4	U	4.4	11	22	ug/Kg
11104-28-2	Aroclor-1221	4.3	U	4.3	11	22	ug/Kg
11141-16-5	Aroclor-1232	9.6	U	9.6	11	22	ug/Kg
53469-21-9	Aroclor-1242	4.3	U	4.3	11	22	ug/Kg
12672-29-6	Aroclor-1248	8.4	U	8.4	11	22	ug/Kg
11097-69-1	Aroclor-1254	1.9	U	1.9	11	22	ug/Kg
11096-82-5	Aroclor-1260	5.3	U	5.3	11	22	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	8.01		10 - 166		40%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		60 - 125		84%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	21.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011843.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.17	U	0.17	1.1	2.2	ug/Kg
319-85-7	beta-BHC	0.23	U	0.23	1.1	2.2	ug/Kg
319-86-8	delta-BHC	0.13	U	0.13	1.1	2.2	ug/Kg
58-89-9	gamma-BHC	0.19	U	0.19	1.1	2.2	ug/Kg
76-44-8	Heptachlor	0.18	U	0.18	1.1	2.2	ug/Kg
309-00-2	Aldrin	0.13	U	0.13	1.1	2.2	ug/Kg
1024-57-3	Heptachlor epoxide	0.2	U	0.2	1.1	2.2	ug/Kg
959-98-8	Endosulfan I	0.19	U	0.19	1.1	2.2	ug/Kg
60-57-1	Dieldrin	0.17	U	0.17	1.1	2.2	ug/Kg
72-55-9	4,4-DDE	0.25	U	0.25	1.1	2.2	ug/Kg
72-20-8	Endrin	0.23	U	0.23	1.1	2.2	ug/Kg
33213-65-9	Endosulfan II	0.18	U	0.18	1.1	2.2	ug/Kg
72-54-8	4,4-DDD	0.22	U	0.22	1.1	2.2	ug/Kg
1031-07-8	Endosulfan Sulfate	0.19	U	0.19	1.1	2.2	ug/Kg
50-29-3	4,4-DDT	0.18	U	0.18	1.1	2.2	ug/Kg
72-43-5	Methoxychlor	0.22	U	0.22	1.1	2.2	ug/Kg
53494-70-5	Endrin ketone	0.17	U	0.17	1.1	2.2	ug/Kg
7421-93-4	Endrin aldehyde	0.19	U	0.19	1.1	2.2	ug/Kg
5103-71-9	alpha-Chlordane	0.18	U	0.18	1.1	2.2	ug/Kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.1	2.2	ug/Kg
8001-35-2	Toxaphene	4.3	U	4.3	11	22	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	17.4		10 - 169		87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.6		31 - 151		63%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	21.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011843.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-12RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	21.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011926.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.17	U	0.17	1.1	2.2	ug/Kg
319-85-7	beta-BHC	0.23	U	0.23	1.1	2.2	ug/Kg
319-86-8	delta-BHC	0.13	U	0.13	1.1	2.2	ug/Kg
58-89-9	gamma-BHC	0.19	U	0.19	1.1	2.2	ug/Kg
76-44-8	Heptachlor	0.18	U	0.18	1.1	2.2	ug/Kg
309-00-2	Aldrin	0.13	U	0.13	1.1	2.2	ug/Kg
1024-57-3	Heptachlor epoxide	0.2	U	0.2	1.1	2.2	ug/Kg
959-98-8	Endosulfan I	0.19	U	0.19	1.1	2.2	ug/Kg
60-57-1	Dieldrin	0.17	U	0.17	1.1	2.2	ug/Kg
72-55-9	4,4-DDE	0.25	U	0.25	1.1	2.2	ug/Kg
72-20-8	Endrin	0.23	U	0.23	1.1	2.2	ug/Kg
33213-65-9	Endosulfan II	0.18	U	0.18	1.1	2.2	ug/Kg
72-54-8	4,4-DDD	0.22	U	0.22	1.1	2.2	ug/Kg
1031-07-8	Endosulfan Sulfate	0.19	U	0.19	1.1	2.2	ug/Kg
50-29-3	4,4-DDT	0.18	U	0.18	1.1	2.2	ug/Kg
72-43-5	Methoxychlor	0.22	U	0.22	1.1	2.2	ug/Kg
53494-70-5	Endrin ketone	0.17	U	0.17	1.1	2.2	ug/Kg
7421-93-4	Endrin aldehyde	0.19	U	0.19	1.1	2.2	ug/Kg
5103-71-9	alpha-Chlordane	0.18	U	0.18	1.1	2.2	ug/Kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.1	2.2	ug/Kg
8001-35-2	Toxaphene	4.3	U	4.3	11	22	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.7		10 - 169		104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.5		31 - 151		107%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-12RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	21.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011926.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	22
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057377.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	22	U	22	210	420	ug/Kg
108-95-2	Phenol	9.9	U	9.9	210	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	20	U	20	210	420	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	210	420	ug/Kg
95-48-7	2-Methylphenol	23	U	23	210	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	18	U	18	210	420	ug/Kg
98-86-2	Acetophenone	13	U	13	210	420	ug/Kg
65794-96-9	3+4-Methylphenols	22	U	22	210	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	22	U	22	210	420	ug/Kg
67-72-1	Hexachloroethane	19	U	19	210	420	ug/Kg
98-95-3	Nitrobenzene	16	U	16	210	420	ug/Kg
78-59-1	Isophorone	14	U	14	210	420	ug/Kg
88-75-5	2-Nitrophenol	21	U	21	210	420	ug/Kg
105-67-9	2,4-Dimethylphenol	24	U	24	210	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	25	U	25	210	420	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	210	420	ug/Kg
91-20-3	Naphthalene	15	U	15	210	420	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	210	420	ug/Kg
87-68-3	Hexachlorobutadiene	16	U	16	210	420	ug/Kg
105-60-2	Caprolactam	20	U	20	210	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	19	U	19	210	420	ug/Kg
91-57-6	2-Methylnaphthalene	11	U	11	210	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	10	U	10	210	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	13	U	13	210	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30	U	30	210	420	ug/Kg
92-52-4	1,1-Biphenyl	16	U	16	210	420	ug/Kg
91-58-7	2-Chloronaphthalene	9.7	U	9.7	210	420	ug/Kg
88-74-4	2-Nitroaniline	19	U	19	210	420	ug/Kg
131-11-3	Dimethylphthalate	520		12	210	420	ug/Kg
208-96-8	Acenaphthylene	11	U	11	210	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	17	U	17	210	420	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	22
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057377.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	27	U	27	210	420	ug/Kg
83-32-9	Acenaphthene	12	U	12	210	420	ug/Kg
51-28-5	2,4-Dinitrophenol	43	U	43	210	420	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	210	420	ug/Kg
132-64-9	Dibenzofuran	17	U	17	210	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	210	420	ug/Kg
84-66-2	Diethylphthalate	6.7	U	6.7	210	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	210	420	ug/Kg
86-73-7	Fluorene	16	U	16	210	420	ug/Kg
100-01-6	4-Nitroaniline	56	U	56	210	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	210	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	10	U	10	210	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	8.3	U	8.3	210	420	ug/Kg
118-74-1	Hexachlorobenzene	17	U	17	210	420	ug/Kg
1912-24-9	Atrazine	23	U	23	210	420	ug/Kg
87-86-5	Pentachlorophenol	29	U	29	210	420	ug/Kg
85-01-8	Phenanthrene	12	U	12	210	420	ug/Kg
120-12-7	Anthracene	8.7	U	8.7	210	420	ug/Kg
86-74-8	Carbazole	9.4	U	9.4	210	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	210	420	ug/Kg
206-44-0	Fluoranthene	8.6	U	8.6	210	420	ug/Kg
129-00-0	Pyrene	10	U	10	210	420	ug/Kg
85-68-7	Butylbenzylphthalate	20	UQ	20	210	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	210	420	ug/Kg
56-55-3	Benzo(a)anthracene	20	U	20	210	420	ug/Kg
218-01-9	Chrysene	19	U	19	210	420	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	15	UQ	15	210	420	ug/Kg
117-84-0	Di-n-octyl phthalate	4.9	U	4.9	210	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	14	U	14	210	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	20	U	20	210	420	ug/Kg
50-32-8	Benzo(a)pyrene	9.2	U	9.2	210	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	210	420	ug/Kg
53-70-3	Dibenz(a,h)anthracene	12	U	12	210	420	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	22
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057377.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	17	U	17	210	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	17	U	17	210	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	17	U	17	210	420	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115		28 - 127		77%	SPK: 150
13127-88-3	Phenol-d5	117		34 - 127		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.5		31 - 132		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.2		39 - 123		76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		30 - 133		75%	SPK: 150
1718-51-0	Terphenyl-d14	75.8		37 - 115		76%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174328	5.83				
1146-65-2	Naphthalene-d8	609645	7.14				
15067-26-2	Acenaphthene-d10	339306	9.11				
1517-22-2	Phenanthrene-d10	533024	11.19				
1719-03-5	Chrysene-d12	406236	15.36				
1520-96-3	Perylene-d12	344929	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
1072-05-5	Heptane, 2,6-dimethyl-	660	J			3.68	ug/Kg
2216-30-0	Heptane, 2,5-dimethyl-	790	J			3.76	ug/Kg
3728-56-1	1-Ethyl-4-methylcyclohexane	610	J			4.45	ug/Kg
6236-88-0	Cyclohexane, 1-ethyl-4-methyl-, tr	600	J			4.5	ug/Kg
13905-48-1	Cyclohexane, 1-bromo-3-methyl-	560	J			4.69	ug/Kg
2456-28-2	Decane, 1,1-oxybis-	640	J			4.73	ug/Kg
15869-89-3	Octane, 2,5-dimethyl-	650	J			4.82	ug/Kg
5911-04-6	Nonane, 3-methyl-	1500	J			4.95	ug/Kg
1678-92-8	Cyclohexane, propyl-	1200	J			4.96	ug/Kg
14676-29-0	Heptane, 3-ethyl-2-methyl-	920	J			5.02	ug/Kg
20278-89-1	Heptane, 3,4,5-trimethyl-	1300	J			5.19	ug/Kg
17301-94-9	Nonane, 4-methyl-	830	J			5.26	ug/Kg
6783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	900	J			5.3	ug/Kg
3221-61-2	Octane, 2-methyl-	770	J			5.9	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	22
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057377.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
13151-35-4	Decane, 5-methyl-	770	J			6.14	ug/Kg
493-02-7	Naphthalene, decahydro-, trans-	700	J			6.26	ug/Kg
	unknown6.52	1100	J			6.52	ug/Kg
2958-76-1	Naphthalene, decahydro-2-methyl-	640	J			6.68	ug/Kg
17301-28-9	Undecane, 3,6-dimethyl-	590	J			7.22	ug/Kg
2051-30-1	Octane, 2,6-dimethyl-	660	J			7.58	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	22
Sample Wt/Vol:	4.99 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH048422.D	1		07/12/12	VH071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	71	U	71	320	640	ug/Kg
74-87-3	Chloromethane	69	U	69	320	640	ug/Kg
75-01-4	Vinyl Chloride	44	U	44	320	640	ug/Kg
74-83-9	Bromomethane	80	U	80	320	640	ug/Kg
75-00-3	Chloroethane	85	U	85	320	640	ug/Kg
75-69-4	Trichlorofluoromethane	45	U	45	320	640	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	58	U	58	320	640	ug/Kg
75-35-4	1,1-Dichloroethene	60	U	60	320	640	ug/Kg
67-64-1	Acetone	390	U	390	1600	3200	ug/Kg
75-15-0	Carbon Disulfide	69	U	69	320	640	ug/Kg
1634-04-4	Methyl tert-butyl Ether	45	U	45	320	640	ug/Kg
79-20-9	Methyl Acetate	110	U	110	320	640	ug/Kg
75-09-2	Methylene Chloride	53	U	53	320	640	ug/Kg
156-60-5	trans-1,2-Dichloroethene	53	U	53	320	640	ug/Kg
75-34-3	1,1-Dichloroethane	46	U	46	320	640	ug/Kg
110-82-7	Cyclohexane	71	U	71	320	640	ug/Kg
78-93-3	2-Butanone	170	U	170	1600	3200	ug/Kg
56-23-5	Carbon Tetrachloride	80	U	80	320	640	ug/Kg
156-59-2	cis-1,2-Dichloroethene	45	U	45	320	640	ug/Kg
74-97-5	Bromochloromethane	290	U	290	320	640	ug/Kg
67-66-3	Chloroform	44	U	44	320	640	ug/Kg
71-55-6	1,1,1-Trichloroethane	51	U	51	320	640	ug/Kg
108-87-2	Methylcyclohexane	1100		87	320	640	ug/Kg
71-43-2	Benzene	41	U	41	320	640	ug/Kg
107-06-2	1,2-Dichloroethane	62	U	62	320	640	ug/Kg
79-01-6	Trichloroethene	36	U	36	320	640	ug/Kg
78-87-5	1,2-Dichloropropane	59	U	59	320	640	ug/Kg
75-27-4	Bromodichloromethane	46	U	46	320	640	ug/Kg
108-10-1	4-Methyl-2-Pentanone	270	U	270	1600	3200	ug/Kg
108-88-3	Toluene	48	U	48	320	640	ug/Kg
10061-02-6	t-1,3-Dichloropropene	37	U	37	320	640	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	22
Sample Wt/Vol:	4.99 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH048422.D	1		07/12/12	VH071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	40	U	40	320	640	ug/Kg
79-00-5	1,1,2-Trichloroethane	49	U	49	320	640	ug/Kg
591-78-6	2-Hexanone	250	U	250	1600	3200	ug/Kg
124-48-1	Dibromochloromethane	67	U	67	320	640	ug/Kg
106-93-4	1,2-Dibromoethane	53	U	53	320	640	ug/Kg
127-18-4	Tetrachloroethene	35	U	35	320	640	ug/Kg
108-90-7	Chlorobenzene	63	U	63	320	640	ug/Kg
100-41-4	Ethyl Benzene	68	U	68	320	640	ug/Kg
179601-23-1	m/p-Xylenes	120	U	120	650	1300	ug/Kg
95-47-6	o-Xylene	55	U	55	320	640	ug/Kg
100-42-5	Styrene	46	U	46	320	640	ug/Kg
75-25-2	Bromoform	60	U	60	320	640	ug/Kg
98-82-8	Isopropylbenzene	58	U	58	320	640	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	40	U	40	320	640	ug/Kg
541-73-1	1,3-Dichlorobenzene	55	U	55	320	640	ug/Kg
106-46-7	1,4-Dichlorobenzene	41	U	41	320	640	ug/Kg
95-50-1	1,2-Dichlorobenzene	58	U	58	320	640	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	59	U	59	320	640	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	80	U	80	320	640	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	84	U	84	320	640	ug/Kg
123-91-1	1,4-Dioxane	6400	UQ	6400	6500	13000	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.6		56 - 120		103%	SPK: 50
1868-53-7	Dibromofluoromethane	52		57 - 135		104%	SPK: 50
2037-26-5	Toluene-d8	56.6		67 - 123		113%	SPK: 50
460-00-4	4-Bromofluorobenzene	134	*	33 - 141		269%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	470675	4.94				
540-36-3	1,4-Difluorobenzene	710159	5.65				
3114-55-4	Chlorobenzene-d5	706368	9.78				
3855-82-1	1,4-Dichlorobenzene-d4	497465	12.52				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-06(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-12	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	22
Sample Wt/Vol:	4.99 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH048422.D	1		07/12/12	VH071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000592-27-8	Heptane, 2-methyl-	4700	J			6.65	ug/Kg
000589-53-7	Heptane, 4-methyl-	5000	J			6.7	ug/Kg
000589-81-1	Heptane, 3-methyl-	12000	J			6.86	ug/Kg
000638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	19000	J			7.08	ug/Kg
138695-42-8	3-Dodecylcyclohexanone	2700	J			7.35	ug/Kg
	unknown8.49	4200	J			8.49	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	3100	J			8.66	ug/Kg
001632-71-9	Nonane, 4-ethyl-5-methyl-	5000	J			9	ug/Kg
002216-34-4	Octane, 4-methyl-	3100	J			9.13	ug/Kg
002216-33-3	Octane, 3-methyl-	5000	J			9.32	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	840	J			11.81	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	470	J			12.18	ug/Kg
135-98-8	sec-Butylbenzene	900	J			12.28	ug/Kg
99-87-6	p-Isopropyltoluene	15000	J			13.82	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	6300		1	0.75	2.235	4.47	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	1.42	J	1	0.5	1.12	2.24	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	14.4	*	1	0.3	0.445	0.89	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	92.8	*	1	0.36	2.235	4.47	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.38		1	0.05	0.135	0.27	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.7		1	0.05	0.135	0.27	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	7790		1	0.96	44.75	89.5	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	15.5		1	0.12	0.225	0.45	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	6.93		1	0.51	0.67	1.34	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	69.4	*	1	0.29	0.445	0.89	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	14800		1	1.19	2.235	4.47	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	637	N*	1	0.11	0.27	0.54	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	2990		1	4.1	44.75	89.5	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	289		1	0.17	0.445	0.89	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.355		1	0.002	0.005	0.01	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	18.7		1	0.41	0.895	1.79	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1480		1	3.13	44.75	89.5	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.37	U	1	0.37	0.445	0.89	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.13	U	1	0.13	0.225	0.45	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	30.4	J	1	2.26	44.75	89.5	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.24	U	1	0.24	0.895	1.79	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	19.6		1	0.53	0.895	1.79	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	141	*	1	0.63	0.895	1.79	mg/Kg	07/12/12	07/16/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	11 Decanted:
Sample Wt/Vol:	10.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009188.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	12	U	12	28.5	57	ug/Kg
11104-28-2	Aroclor-1221	11	U	11	28.5	57	ug/Kg
11141-16-5	Aroclor-1232	25	U	25	28.5	57	ug/Kg
53469-21-9	Aroclor-1242	11	U	11	28.5	57	ug/Kg
12672-29-6	Aroclor-1248	22	U	22	28.5	57	ug/Kg
11097-69-1	Aroclor-1254	5	U	5	28.5	57	ug/Kg
11096-82-5	Aroclor-1260	14	U	14	28.5	57	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.9		10 - 166		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		60 - 125		94%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10.6 Decanted:
Sample Wt/Vol:	10.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011844.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.43	U	0.43	2.85	5.7	ug/Kg
319-85-7	beta-BHC	0.6	U	0.6	2.85	5.7	ug/Kg
319-86-8	delta-BHC	0.33	U	0.33	2.85	5.7	ug/Kg
58-89-9	gamma-BHC	0.5	U	0.5	2.85	5.7	ug/Kg
76-44-8	Heptachlor	0.47	U	0.47	2.85	5.7	ug/Kg
309-00-2	Aldrin	0.33	U	0.33	2.85	5.7	ug/Kg
1024-57-3	Heptachlor epoxide	0.53	U	0.53	2.85	5.7	ug/Kg
959-98-8	Endosulfan I	0.5	U	0.5	2.85	5.7	ug/Kg
60-57-1	Dieldrin	0.43	U	0.43	2.85	5.7	ug/Kg
72-55-9	4,4-DDE	0.67	U	0.67	2.85	5.7	ug/Kg
72-20-8	Endrin	0.6	U	0.6	2.85	5.7	ug/Kg
33213-65-9	Endosulfan II	0.47	U	0.47	2.85	5.7	ug/Kg
72-54-8	4,4-DDD	0.57	U	0.57	2.85	5.7	ug/Kg
1031-07-8	Endosulfan Sulfate	0.5	U	0.5	2.85	5.7	ug/Kg
50-29-3	4,4-DDT	0.47	U	0.47	2.85	5.7	ug/Kg
72-43-5	Methoxychlor	0.57	U	0.57	2.85	5.7	ug/Kg
53494-70-5	Endrin ketone	0.43	U	0.43	2.85	5.7	ug/Kg
7421-93-4	Endrin aldehyde	0.5	U	0.5	2.85	5.7	ug/Kg
5103-71-9	alpha-Chlordane	0.47	U	0.47	2.85	5.7	ug/Kg
5103-74-2	gamma-Chlordane	0.43	U	0.43	2.85	5.7	ug/Kg
8001-35-2	Toxaphene	11	U	11	28.5	57	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.8		10 - 169		94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		31 - 151		101%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10.6 Decanted:
Sample Wt/Vol:	10.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011844.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-13RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10.6 Decanted:
Sample Wt/Vol:	10.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011927.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.43	U	0.43	2.85	5.7	ug/Kg
319-85-7	beta-BHC	0.6	U	0.6	2.85	5.7	ug/Kg
319-86-8	delta-BHC	0.33	U	0.33	2.85	5.7	ug/Kg
58-89-9	gamma-BHC	0.5	U	0.5	2.85	5.7	ug/Kg
76-44-8	Heptachlor	0.47	U	0.47	2.85	5.7	ug/Kg
309-00-2	Aldrin	0.33	U	0.33	2.85	5.7	ug/Kg
1024-57-3	Heptachlor epoxide	0.53	U	0.53	2.85	5.7	ug/Kg
959-98-8	Endosulfan I	0.5	U	0.5	2.85	5.7	ug/Kg
60-57-1	Dieldrin	0.43	U	0.43	2.85	5.7	ug/Kg
72-55-9	4,4-DDE	0.67	U	0.67	2.85	5.7	ug/Kg
72-20-8	Endrin	0.6	U	0.6	2.85	5.7	ug/Kg
33213-65-9	Endosulfan II	0.47	U	0.47	2.85	5.7	ug/Kg
72-54-8	4,4-DDD	0.57	U	0.57	2.85	5.7	ug/Kg
1031-07-8	Endosulfan Sulfate	0.5	U	0.5	2.85	5.7	ug/Kg
50-29-3	4,4-DDT	0.47	U	0.47	2.85	5.7	ug/Kg
72-43-5	Methoxychlor	0.57	U	0.57	2.85	5.7	ug/Kg
53494-70-5	Endrin ketone	0.43	U	0.43	2.85	5.7	ug/Kg
7421-93-4	Endrin aldehyde	0.5	U	0.5	2.85	5.7	ug/Kg
5103-71-9	alpha-Chlordane	0.47	U	0.47	2.85	5.7	ug/Kg
5103-74-2	gamma-Chlordane	0.43	U	0.43	2.85	5.7	ug/Kg
8001-35-2	Toxaphene	11	U	11	28.5	57	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	24		10 - 169		120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.6		31 - 151		118%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-13RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10.6 Decanted:
Sample Wt/Vol:	10.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011927.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057410.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	58	U	58	550	1100	ug/Kg
108-95-2	Phenol	26	U	26	550	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	550	1100	ug/Kg
95-57-8	2-Chlorophenol	59	U	59	550	1100	ug/Kg
95-48-7	2-Methylphenol	61	U	61	550	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	550	1100	ug/Kg
98-86-2	Acetophenone	34	U	34	550	1100	ug/Kg
65794-96-9	3+4-Methylphenols	58	U	58	550	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	550	1100	ug/Kg
67-72-1	Hexachloroethane	50	U	50	550	1100	ug/Kg
98-95-3	Nitrobenzene	42	U	42	550	1100	ug/Kg
78-59-1	Isophorone	37	U	37	550	1100	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	550	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	63	550	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	64	U	64	550	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	550	1100	ug/Kg
91-20-3	Naphthalene	39	U	39	550	1100	ug/Kg
106-47-8	4-Chloroaniline	79	U	79	550	1100	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	550	1100	ug/Kg
105-60-2	Caprolactam	52	U	52	550	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	550	1100	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	550	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	550	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34	U	34	550	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79	U	79	550	1100	ug/Kg
92-52-4	1,1-Biphenyl	42	U	42	550	1100	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	550	1100	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	550	1100	ug/Kg
131-11-3	Dimethylphthalate	980	J	30	550	1100	ug/Kg
208-96-8	Acenaphthylene	520	J	28	550	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	550	1100	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057410.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	72	U	72	550	1100	ug/Kg
83-32-9	Acenaphthene	32	U	32	550	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	550	1100	ug/Kg
100-02-7	4-Nitrophenol	210	U	210	550	1100	ug/Kg
132-64-9	Dibenzofuran	44	U	44	550	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	550	1100	ug/Kg
84-66-2	Diethylphthalate	17	U	17	550	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	550	1100	ug/Kg
86-73-7	Fluorene	42	U	42	550	1100	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	550	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	64	U	64	550	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	550	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	22	U	22	550	1100	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	550	1100	ug/Kg
1912-24-9	Atrazine	59	U	59	550	1100	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	550	1100	ug/Kg
85-01-8	Phenanthrene	4700		30	550	1100	ug/Kg
120-12-7	Anthracene	1500		23	550	1100	ug/Kg
86-74-8	Carbazole	25	U	25	550	1100	ug/Kg
84-74-2	Di-n-butylphthalate	88	U	88	550	1100	ug/Kg
206-44-0	Fluoranthene	15000	E	22	550	1100	ug/Kg
129-00-0	Pyrene	16000	E	27	550	1100	ug/Kg
85-68-7	Butylbenzylphthalate	54	UQ	54	550	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	550	1100	ug/Kg
56-55-3	Benzo(a)anthracene	11000	E	53	550	1100	ug/Kg
218-01-9	Chrysene	11000	E	51	550	1100	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	40	UQ	40	550	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	13	U	13	550	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	13000	E	37	550	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	4200		53	550	1100	ug/Kg
50-32-8	Benzo(a)pyrene	11000	E	24	550	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5800		37	550	1100	ug/Kg
53-70-3	Dibenz(a,h)anthracene	1200		32	550	1100	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057410.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	5400		45	550	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	550	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	550	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121		28 - 127		81%	SPK: 150
13127-88-3	Phenol-d5	124		34 - 127		83%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.6		31 - 132		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.4		39 - 123		98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		30 - 133		92%	SPK: 150
1718-51-0	Terphenyl-d14	97.9		37 - 115		98%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199309	5.83				
1146-65-2	Naphthalene-d8	695301	7.14				
15067-26-2	Acenaphthene-d10	349656	9.11				
1517-22-2	Phenanthrene-d10	551463	11.19				
1719-03-5	Chrysene-d12	417113	15.37				
1520-96-3	Perylene-d12	414830	17.73				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3000	AB			3.81	ug/Kg
74339-50-7	Trichloroacetic acid, dodecyl este	560	J			5.29	ug/Kg
124-18-5	Decane	540	J			5.65	ug/Kg
1120-21-4	Undecane	720	J			6.48	ug/Kg
630-01-3	Hexacosane	740	J			11.07	ug/Kg
613-12-7	Anthracene, 2-methyl-	1200	J			11.96	ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	1800	J			12	ug/Kg
779-02-2	Anthracene, 9-methyl-	1100	J			12.08	ug/Kg
203-64-5	4H-Cyclopenta[def]phenanthrene	2600	J			12.13	ug/Kg
610-48-0	Anthracene, 1-methyl-	860	J			12.17	ug/Kg
612-94-2	Naphthalene, 2-phenyl-	1300	J			12.43	ug/Kg
86544-79-8	1,3-Diphenyl-3-methylcyclopropene	580	J			12.66	ug/Kg
483-87-4	Phenanthrene, 1,7-dimethyl-	490	J			12.71	ug/Kg
3674-66-6	Phenanthrene, 2,5-dimethyl-	1300	J			12.83	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057410.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown12.88	610	J			12.88	ug/Kg
5737-13-3	Cyclopenta(def)phenanthrenone	570	J			12.95	ug/Kg
2498-77-3	Benz[a]anthracene, 1-methyl-	490	J			16.01	ug/Kg
198-55-0	Perylene	2200	J			17.79	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-13DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057450.D	5	07/12/12	07/17/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	290	UD	290	2750	5500	ug/Kg
108-95-2	Phenol	130	UD	130	2750	5500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	UD	270	2750	5500	ug/Kg
95-57-8	2-Chlorophenol	300	UD	300	2750	5500	ug/Kg
95-48-7	2-Methylphenol	300	UD	300	2750	5500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	230	UD	230	2750	5500	ug/Kg
98-86-2	Acetophenone	170	UD	170	2750	5500	ug/Kg
65794-96-9	3+4-Methylphenols	290	UD	290	2750	5500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	280	UD	280	2750	5500	ug/Kg
67-72-1	Hexachloroethane	250	UD	250	2750	5500	ug/Kg
98-95-3	Nitrobenzene	210	UD	210	2750	5500	ug/Kg
78-59-1	Isophorone	180	UD	180	2750	5500	ug/Kg
88-75-5	2-Nitrophenol	270	UD	270	2750	5500	ug/Kg
105-67-9	2,4-Dimethylphenol	320	UD	320	2750	5500	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	320	UD	320	2750	5500	ug/Kg
120-83-2	2,4-Dichlorophenol	210	UD	210	2750	5500	ug/Kg
91-20-3	Naphthalene	190	UD	190	2750	5500	ug/Kg
106-47-8	4-Chloroaniline	390	UD	390	2750	5500	ug/Kg
87-68-3	Hexachlorobutadiene	200	UD	200	2750	5500	ug/Kg
105-60-2	Caprolactam	260	UD	260	2750	5500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	UD	250	2750	5500	ug/Kg
91-57-6	2-Methylnaphthalene	140	UD	140	2750	5500	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	UD	140	2750	5500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	UD	170	2750	5500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	390	UD	390	2750	5500	ug/Kg
92-52-4	1,1-Biphenyl	210	UD	210	2750	5500	ug/Kg
91-58-7	2-Chloronaphthalene	130	UD	130	2750	5500	ug/Kg
88-74-4	2-Nitroaniline	250	UD	250	2750	5500	ug/Kg
131-11-3	Dimethylphthalate	150	UD	150	2750	5500	ug/Kg
208-96-8	Acenaphthylene	140	UD	140	2750	5500	ug/Kg
606-20-2	2,6-Dinitrotoluene	230	UD	230	2750	5500	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-13DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057450.D	5	07/12/12	07/17/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	360	UD	360	2750	5500	ug/Kg
83-32-9	Acenaphthene	160	UD	160	2750	5500	ug/Kg
51-28-5	2,4-Dinitrophenol	570	UD	570	2750	5500	ug/Kg
100-02-7	4-Nitrophenol	1000	UD	1000	2750	5500	ug/Kg
132-64-9	Dibenzofuran	220	UD	220	2750	5500	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	UD	170	2750	5500	ug/Kg
84-66-2	Diethylphthalate	87	UD	87	2750	5500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300	UD	300	2750	5500	ug/Kg
86-73-7	Fluorene	210	UD	210	2750	5500	ug/Kg
100-01-6	4-Nitroaniline	730	UD	730	2750	5500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	320	UD	320	2750	5500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	UD	130	2750	5500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	UD	110	2750	5500	ug/Kg
118-74-1	Hexachlorobenzene	230	UD	230	2750	5500	ug/Kg
1912-24-9	Atrazine	300	UD	300	2750	5500	ug/Kg
87-86-5	Pentachlorophenol	380	UD	380	2750	5500	ug/Kg
85-01-8	Phenanthrene	5500	JD	150	2750	5500	ug/Kg
120-12-7	Anthracene	110	UD	110	2750	5500	ug/Kg
86-74-8	Carbazole	120	UD	120	2750	5500	ug/Kg
84-74-2	Di-n-butylphthalate	440	UD	440	2750	5500	ug/Kg
206-44-0	Fluoranthene	21000	D	110	2750	5500	ug/Kg
129-00-0	Pyrene	23000	D	130	2750	5500	ug/Kg
85-68-7	Butylbenzylphthalate	270	UDQ	270	2750	5500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	360	UD	360	2750	5500	ug/Kg
56-55-3	Benzo(a)anthracene	12000	D	270	2750	5500	ug/Kg
218-01-9	Chrysene	12000	D	250	2750	5500	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	200	UDQ	200	2750	5500	ug/Kg
117-84-0	Di-n-octyl phthalate	64	UD	64	2750	5500	ug/Kg
205-99-2	Benzo(b)fluoranthene	15000	D	180	2750	5500	ug/Kg
207-08-9	Benzo(k)fluoranthene	6100	D	260	2750	5500	ug/Kg
50-32-8	Benzo(a)pyrene	12000	D	120	2750	5500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6700	D	190	2750	5500	ug/Kg
53-70-3	Dibenz(a,h)anthracene	160	UD	160	2750	5500	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-13DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	11
Sample Wt/Vol:	10.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057450.D	5	07/12/12	07/17/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	7400	D	230	2750	5500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	220	UD	220	2750	5500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	UD	220	2750	5500	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	146		28 - 127		98%	SPK: 150
13127-88-3	Phenol-d5	156		34 - 127		104%	SPK: 150
4165-60-0	Nitrobenzene-d5	113		31 - 132		113%	SPK: 100
321-60-8	2-Fluorobiphenyl	136	*	39 - 123		137%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		30 - 133		93%	SPK: 150
1718-51-0	Terphenyl-d14	119	*	37 - 115		119%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207328	5.79				
1146-65-2	Naphthalene-d8	730887	7.11				
15067-26-2	Acenaphthene-d10	364003	9.07				
1517-22-2	Phenanthrene-d10	586946	11.14				
1719-03-5	Chrysene-d12	428844	15.3				
1520-96-3	Perylene-d12	384010	17.64				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	11
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034136.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.73	U	0.73	2.8	5.6	ug/Kg
74-87-3	Chloromethane	0.97	U	0.97	2.8	5.6	ug/Kg
75-01-4	Vinyl Chloride	1.4	U	1.4	2.8	5.6	ug/Kg
74-83-9	Bromomethane	2.8	U	2.8	2.8	5.6	ug/Kg
75-00-3	Chloroethane	1.6	U	1.6	2.8	5.6	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	1.5	2.8	5.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	2.8	5.6	ug/Kg
75-35-4	1,1-Dichloroethene	1.7	U	1.7	2.8	5.6	ug/Kg
67-64-1	Acetone	3.4	U	3.4	14	28	ug/Kg
75-15-0	Carbon Disulfide	1.2	U	1.2	2.8	5.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	1.1	2.8	5.6	ug/Kg
79-20-9	Methyl Acetate	1.7	U	1.7	2.8	5.6	ug/Kg
75-09-2	Methylene Chloride	1.6	U	1.6	2.8	5.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.78	U	0.78	2.8	5.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.1	U	1.1	2.8	5.6	ug/Kg
110-82-7	Cyclohexane	1.1	U	1.1	2.8	5.6	ug/Kg
78-93-3	2-Butanone	3.5	U	3.5	14	28	ug/Kg
56-23-5	Carbon Tetrachloride	1.1	U	1.1	2.8	5.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	U	1	2.8	5.6	ug/Kg
74-97-5	Bromochloromethane	0.89	U	0.89	2.8	5.6	ug/Kg
67-66-3	Chloroform	0.83	U	0.83	2.8	5.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	2.8	5.6	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	1.2	2.8	5.6	ug/Kg
71-43-2	Benzene	0.43	U	0.43	2.8	5.6	ug/Kg
107-06-2	1,2-Dichloroethane	0.72	U	0.72	2.8	5.6	ug/Kg
79-01-6	Trichloroethene	0.97	U	0.97	2.8	5.6	ug/Kg
78-87-5	1,2-Dichloropropane	0.29	U	0.29	2.8	5.6	ug/Kg
75-27-4	Bromodichloromethane	0.7	U	0.7	2.8	5.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.3	U	3.3	14	28	ug/Kg
108-88-3	Toluene	0.72	U	0.72	2.8	5.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.89	U	0.89	2.8	5.6	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	11
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034136.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.81	U	0.81	2.8	5.6	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	U	1	2.8	5.6	ug/Kg
591-78-6	2-Hexanone	4.4	U	4.4	14	28	ug/Kg
124-48-1	Dibromochloromethane	0.61	U	0.61	2.8	5.6	ug/Kg
106-93-4	1,2-Dibromoethane	0.72	U	0.72	2.8	5.6	ug/Kg
127-18-4	Tetrachloroethene	1.1	U	1.1	2.8	5.6	ug/Kg
108-90-7	Chlorobenzene	0.56	U	0.56	2.8	5.6	ug/Kg
100-41-4	Ethyl Benzene	0.7	U	0.7	2.8	5.6	ug/Kg
179601-23-1	m/p-Xylenes	0.81	U	0.81	5.5	11	ug/Kg
95-47-6	o-Xylene	0.76	U	0.76	2.8	5.6	ug/Kg
100-42-5	Styrene	0.51	U	0.51	2.8	5.6	ug/Kg
75-25-2	Bromoform	0.83	U	0.83	2.8	5.6	ug/Kg
98-82-8	Isopropylbenzene	0.54	U	0.54	2.8	5.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.52	U	0.52	2.8	5.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.42	U	0.42	2.8	5.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.46	U	0.46	2.8	5.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.7	U	0.7	2.8	5.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.98	U	0.98	2.8	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.79	U	0.79	2.8	5.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.56	U	0.56	2.8	5.6	ug/Kg
123-91-1	1,4-Dioxane	56	U	56	55	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.8		56 - 120		92%	SPK: 50
1868-53-7	Dibromofluoromethane	45.4		57 - 135		91%	SPK: 50
2037-26-5	Toluene-d8	49.9		67 - 123		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.6		33 - 141		117%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	259684	4.33				
540-36-3	1,4-Difluorobenzene	478165	5.08				
3114-55-4	Chlorobenzene-d5	499623	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	277685	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-13	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	11
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034136.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	4310		1	0.79	2.36	4.72	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.53	U	1	0.53	1.18	2.36	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	2.43	*	1	0.31	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	40.2	*	1	0.38	2.36	4.72	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.28	J	1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.12	J	1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	8820		1	1.01	47.15	94.3	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	10.9		1	0.12	0.235	0.47	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	5.23		1	0.54	0.71	1.42	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	11.1	*	1	0.3	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	10000		1	1.25	2.36	4.72	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	4.62	N*	1	0.11	0.285	0.57	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	4490		1	4.32	47.15	94.3	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	244		1	0.18	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.002	U	1	0.002	0.006	0.011	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	20.6		1	0.43	0.945	1.89	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1320		1	3.3	47.15	94.3	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.39	U	1	0.39	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.14	U	1	0.14	0.235	0.47	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	81.6	J	1	2.38	47.15	94.3	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.25	U	1	0.25	0.945	1.89	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	14.5		1	0.56	0.945	1.89	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	23.7	*	1	0.66	0.945	1.89	mg/Kg	07/12/12	07/16/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	15 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC009189.D	1	07/12/12	07/13/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.1	U	4.1	10	20	ug/Kg
11104-28-2	Aroclor-1221	4	U	4	10	20	ug/Kg
11141-16-5	Aroclor-1232	8.8	U	8.8	10	20	ug/Kg
53469-21-9	Aroclor-1242	4	U	4	10	20	ug/Kg
12672-29-6	Aroclor-1248	7.7	U	7.7	10	20	ug/Kg
11097-69-1	Aroclor-1254	1.8	U	1.8	10	20	ug/Kg
11096-82-5	Aroclor-1260	4.8	U	4.8	10	20	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.4		10 - 166		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 125		98%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.2 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011845.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.15	U	0.15	1	2	ug/Kg
319-85-7	beta-BHC	0.21	U	0.21	1	2	ug/Kg
319-86-8	delta-BHC	0.12	U	0.12	1	2	ug/Kg
58-89-9	gamma-BHC	0.18	U	0.18	1	2	ug/Kg
76-44-8	Heptachlor	0.16	U	0.16	1	2	ug/Kg
309-00-2	Aldrin	0.12	U	0.12	1	2	ug/Kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1	2	ug/Kg
959-98-8	Endosulfan I	0.18	U	0.18	1	2	ug/Kg
60-57-1	Dieldrin	0.15	U	0.15	1	2	ug/Kg
72-55-9	4,4-DDE	0.24	U	0.24	1	2	ug/Kg
72-20-8	Endrin	0.21	U	0.21	1	2	ug/Kg
33213-65-9	Endosulfan II	0.16	U	0.16	1	2	ug/Kg
72-54-8	4,4-DDD	0.2	U	0.2	1	2	ug/Kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	1	2	ug/Kg
50-29-3	4,4-DDT	0.16	U	0.16	1	2	ug/Kg
72-43-5	Methoxychlor	0.2	U	0.2	1	2	ug/Kg
53494-70-5	Endrin ketone	0.15	U	0.15	1	2	ug/Kg
7421-93-4	Endrin aldehyde	0.18	U	0.18	1	2	ug/Kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	1	2	ug/Kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1	2	ug/Kg
8001-35-2	Toxaphene	4	U	4	10	20	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.6		10 - 169		73%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.2		31 - 151		91%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.2 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011845.D	1	07/12/12	07/12/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-14RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.2 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011928.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.15	U	0.15	1	2	ug/Kg
319-85-7	beta-BHC	0.21	U	0.21	1	2	ug/Kg
319-86-8	delta-BHC	0.12	U	0.12	1	2	ug/Kg
58-89-9	gamma-BHC	0.18	U	0.18	1	2	ug/Kg
76-44-8	Heptachlor	0.16	U	0.16	1	2	ug/Kg
309-00-2	Aldrin	0.12	U	0.12	1	2	ug/Kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1	2	ug/Kg
959-98-8	Endosulfan I	0.18	U	0.18	1	2	ug/Kg
60-57-1	Dieldrin	0.15	U	0.15	1	2	ug/Kg
72-55-9	4,4-DDE	0.24	U	0.24	1	2	ug/Kg
72-20-8	Endrin	0.21	U	0.21	1	2	ug/Kg
33213-65-9	Endosulfan II	0.16	U	0.16	1	2	ug/Kg
72-54-8	4,4-DDD	0.2	U	0.2	1	2	ug/Kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	1	2	ug/Kg
50-29-3	4,4-DDT	0.16	U	0.16	1	2	ug/Kg
72-43-5	Methoxychlor	0.2	U	0.2	1	2	ug/Kg
53494-70-5	Endrin ketone	0.15	U	0.15	1	2	ug/Kg
7421-93-4	Endrin aldehyde	0.18	U	0.18	1	2	ug/Kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	1	2	ug/Kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1	2	ug/Kg
8001-35-2	Toxaphene	4	U	4	10	20	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	13.8		10 - 169		69%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		31 - 151		104%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-14RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	15.2 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD011928.D	1	07/12/12	07/14/12	PB64227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	15
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057378.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	20	U	20	195	390	ug/Kg
108-95-2	Phenol	9	U	9	195	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	19	U	19	195	390	ug/Kg
95-57-8	2-Chlorophenol	21	U	21	195	390	ug/Kg
95-48-7	2-Methylphenol	21	U	21	195	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	16	U	16	195	390	ug/Kg
98-86-2	Acetophenone	12	U	12	195	390	ug/Kg
65794-96-9	3+4-Methylphenols	20	U	20	195	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	20	U	20	195	390	ug/Kg
67-72-1	Hexachloroethane	17	U	17	195	390	ug/Kg
98-95-3	Nitrobenzene	15	U	15	195	390	ug/Kg
78-59-1	Isophorone	13	U	13	195	390	ug/Kg
88-75-5	2-Nitrophenol	19	U	19	195	390	ug/Kg
105-67-9	2,4-Dimethylphenol	22	U	22	195	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	23	U	23	195	390	ug/Kg
120-83-2	2,4-Dichlorophenol	15	U	15	195	390	ug/Kg
91-20-3	Naphthalene	14	U	14	195	390	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	195	390	ug/Kg
87-68-3	Hexachlorobutadiene	14	U	14	195	390	ug/Kg
105-60-2	Caprolactam	18	U	18	195	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	17	U	17	195	390	ug/Kg
91-57-6	2-Methylnaphthalene	9.9	U	9.9	195	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	195	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	12	U	12	195	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	27	U	27	195	390	ug/Kg
92-52-4	1,1-Biphenyl	15	U	15	195	390	ug/Kg
91-58-7	2-Chloronaphthalene	8.9	U	8.9	195	390	ug/Kg
88-74-4	2-Nitroaniline	17	U	17	195	390	ug/Kg
131-11-3	Dimethylphthalate	490		11	195	390	ug/Kg
208-96-8	Acenaphthylene	9.9	U	9.9	195	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	16	U	16	195	390	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	15
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057378.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	25	U	25	195	390	ug/Kg
83-32-9	Acenaphthene	11	U	11	195	390	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	195	390	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	195	390	ug/Kg
132-64-9	Dibenzofuran	15	U	15	195	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	12	195	390	ug/Kg
84-66-2	Diethylphthalate	6.1	U	6.1	195	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	195	390	ug/Kg
86-73-7	Fluorene	15	U	15	195	390	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	195	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	22	U	22	195	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	9.4	U	9.4	195	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7.6	U	7.6	195	390	ug/Kg
118-74-1	Hexachlorobenzene	16	U	16	195	390	ug/Kg
1912-24-9	Atrazine	21	U	21	195	390	ug/Kg
87-86-5	Pentachlorophenol	27	U	27	195	390	ug/Kg
85-01-8	Phenanthrene	11	U	11	195	390	ug/Kg
120-12-7	Anthracene	8	U	8	195	390	ug/Kg
86-74-8	Carbazole	8.6	U	8.6	195	390	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	195	390	ug/Kg
206-44-0	Fluoranthene	7.9	U	7.9	195	390	ug/Kg
129-00-0	Pyrene	9.4	U	9.4	195	390	ug/Kg
85-68-7	Butylbenzylphthalate	19	UQ	19	195	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	195	390	ug/Kg
56-55-3	Benzo(a)anthracene	19	U	19	195	390	ug/Kg
218-01-9	Chrysene	18	U	18	195	390	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	14	UQ	14	195	390	ug/Kg
117-84-0	Di-n-octyl phthalate	4.5	U	4.5	195	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	13	U	13	195	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	18	U	18	195	390	ug/Kg
50-32-8	Benzo(a)pyrene	8.5	U	8.5	195	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13	U	13	195	390	ug/Kg
53-70-3	Dibenz(a,h)anthracene	11	U	11	195	390	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	15
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	SOXH Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF057378.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	16	U	16	195	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	15	U	15	195	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	195	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113		28 - 127		76%	SPK: 150
13127-88-3	Phenol-d5	118		34 - 127		79%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.4		31 - 132		86%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.6		39 - 123		91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		30 - 133		80%	SPK: 150
1718-51-0	Terphenyl-d14	84.4		37 - 115		84%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190894	5.83				
1146-65-2	Naphthalene-d8	699512	7.14				
15067-26-2	Acenaphthene-d10	332947	9.11				
1517-22-2	Phenanthrene-d10	520903	11.19				
1719-03-5	Chrysene-d12	387631	15.36				
1520-96-3	Perylene-d12	320942	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	890	AB			3.81	ug/Kg
35599-77-0	Tridecane, 1-iodo-	220	J			11.06	ug/Kg
112-95-8	Eicosane	88	J			11.72	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	15
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034137.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.76	U	0.76	2.95	5.9	ug/Kg
74-87-3	Chloromethane	1	U	1	2.95	5.9	ug/Kg
75-01-4	Vinyl Chloride	1.4	U	1.4	2.95	5.9	ug/Kg
74-83-9	Bromomethane	2.9	U	2.9	2.95	5.9	ug/Kg
75-00-3	Chloroethane	1.6	U	1.6	2.95	5.9	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	1.5	2.95	5.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	U	1.6	2.95	5.9	ug/Kg
75-35-4	1,1-Dichloroethene	1.7	U	1.7	2.95	5.9	ug/Kg
67-64-1	Acetone	3.5	U	3.5	14.5	29	ug/Kg
75-15-0	Carbon Disulfide	1.2	U	1.2	2.95	5.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	1.1	2.95	5.9	ug/Kg
79-20-9	Methyl Acetate	1.8	U	1.8	2.95	5.9	ug/Kg
75-09-2	Methylene Chloride	1.7	U	1.7	2.95	5.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.81	U	0.81	2.95	5.9	ug/Kg
75-34-3	1,1-Dichloroethane	1.1	U	1.1	2.95	5.9	ug/Kg
110-82-7	Cyclohexane	1.2	U	1.2	2.95	5.9	ug/Kg
78-93-3	2-Butanone	3.7	U	3.7	14.5	29	ug/Kg
56-23-5	Carbon Tetrachloride	1.2	U	1.2	2.95	5.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	U	1	2.95	5.9	ug/Kg
74-97-5	Bromochloromethane	0.93	U	0.93	2.95	5.9	ug/Kg
67-66-3	Chloroform	0.87	U	0.87	2.95	5.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	U	1	2.95	5.9	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	1.2	2.95	5.9	ug/Kg
71-43-2	Benzene	0.45	U	0.45	2.95	5.9	ug/Kg
107-06-2	1,2-Dichloroethane	0.75	U	0.75	2.95	5.9	ug/Kg
79-01-6	Trichloroethene	1	U	1	2.95	5.9	ug/Kg
78-87-5	1,2-Dichloropropane	0.31	U	0.31	2.95	5.9	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	0.73	2.95	5.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.4	U	3.4	14.5	29	ug/Kg
108-88-3	Toluene	0.75	U	0.75	2.95	5.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.93	U	0.93	2.95	5.9	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	15
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034137.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.85	U	0.85	2.95	5.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	2.95	5.9	ug/Kg
591-78-6	2-Hexanone	4.6	U	4.6	14.5	29	ug/Kg
124-48-1	Dibromochloromethane	0.63	U	0.63	2.95	5.9	ug/Kg
106-93-4	1,2-Dibromoethane	0.75	U	0.75	2.95	5.9	ug/Kg
127-18-4	Tetrachloroethene	1.2	U	1.2	2.95	5.9	ug/Kg
108-90-7	Chlorobenzene	0.59	U	0.59	2.95	5.9	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	2.95	5.9	ug/Kg
179601-23-1	m/p-Xylenes	0.85	U	0.85	6	12	ug/Kg
95-47-6	o-Xylene	0.8	U	0.8	2.95	5.9	ug/Kg
100-42-5	Styrene	0.53	U	0.53	2.95	5.9	ug/Kg
75-25-2	Bromoform	0.87	U	0.87	2.95	5.9	ug/Kg
98-82-8	Isopropylbenzene	0.56	U	0.56	2.95	5.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.54	U	0.54	2.95	5.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.43	U	0.43	2.95	5.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.48	U	0.48	2.95	5.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.73	U	0.73	2.95	5.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	1	2.95	5.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.82	U	0.82	2.95	5.9	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.59	U	0.59	2.95	5.9	ug/Kg
123-91-1	1,4-Dioxane	59	U	59	60	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.9		56 - 120		98%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		57 - 135		93%	SPK: 50
2037-26-5	Toluene-d8	49.7		67 - 123		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.1		33 - 141		118%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	233412	4.34				
540-36-3	1,4-Difluorobenzene	454381	5.08				
3114-55-4	Chlorobenzene-d5	471638	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	255220	12.21				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/09/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-07(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-14	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	15
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF034137.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH

DATA FOR

VOLATILE ORGANICS

SEMI-VOLATILE ORGANICS

GC SEMI-VOLATILES

METALS

PROJECT NAME : FRONT STREET BROOKLYN PROJECT

ATC ASSOCIATES, INC.

104 East 25th Street

New York, NY - 10010

Phone No: 212-353-8280

ORDER ID : D3356

ATTENTION : Matt Mankovich

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 07/17/2012

Dear Matt Mankovich,

10 water samples for the **Front Street Brooklyn project** project were received on **07/13/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The requested EDD is also attached to the e-mail.

The invoice for this workorder is also attached to the e-mail.

Regards,

CHRISTOPHER WOLSKI

908-728 3149

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. / QUOTE NO. D3356
COC Number 021309

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ATC Associates Inc.
ADDRESS: 104 East 25 Street
CITY: New York STATE: NY ZIP: 10010
ATTENTION: Matt Mankovich
PHONE: 212 432 8504 FAX: 212 979 8447

CLIENT PROJECT INFORMATION

PROJECT NAME: WATCHTOWER
PROJECT NO: 5.12440.0062 LOCATION: DUMBO
PROJECT MANAGER: Matt Mankovich
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: ATC 1 PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
PREAPPROVED TAT: ☒ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

3

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1 TCL VOCs
2 TCL SVOCs
3 TAL Metals *
4 Pesticides
5 PCBs
6
7
8
9

* Filtered + unfiltered metals

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 6,9	MW-1	GW		X	7.13.12	13:30	8	X	X	X	X	X					
2. 7,10	MW-2	GW		X	7.13.12	10:00	8	X	X	X	X	X					
3. 8,11	MW-3	GW		X	7.13.12	11:30	8	X	X	X	X	X					
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A - HCl B - HNO_3
C - H_2SO_4 D - NaOH
E - ICE F - Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. [signature]	7.13.12 1340	1. [signature]
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3. [signature]	7.13.12 1740	3. [signature]

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: YES

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☒ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 3/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	17300		1	1.9	10	20	ug/L	07/16/12	07/17/12	200.8
7440-36-0	Antimony	0.33	J	1	0.18	1	2	ug/L	07/16/12	07/17/12	200.8
7440-38-2	Arsenic	2.6		1	0.15	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-39-3	Barium	408		1	0.07	5	10	ug/L	07/16/12	07/17/12	200.8
7440-41-7	Beryllium	0.76	J	1	0.05	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-43-9	Cadmium	0.22	J	1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-70-2	Calcium	87300		1	6.7	250	500	ug/L	07/16/12	07/17/12	200.8
7440-47-3	Chromium	84.6		1	0.06	1	2	ug/L	07/16/12	07/17/12	200.8
7440-48-4	Cobalt	27.5		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-50-8	Copper	65.5		1	0.08	1	2	ug/L	07/16/12	07/17/12	200.8
7439-89-6	Iron	39300		1	2.8	100	200	ug/L	07/16/12	07/17/12	200.8
7439-92-1	Lead	17.3		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-95-4	Magnesium	29800		1	1.9	250	500	ug/L	07/16/12	07/17/12	200.8
7439-96-5	Manganese	2540		1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-97-6	Mercury	0.07	U	1	0.07	0.1	0.2	ug/L	07/17/12	07/18/12	E245.1
7440-02-0	Nickel	73		1	0.1	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-09-7	Potassium	14700		1	7.7	250	500	ug/L	07/16/12	07/17/12	200.8
7782-49-2	Selenium	5.1		1	0.43	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-22-4	Silver	0.073	J	1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-23-5	Sodium	192000		1	3	250	500	ug/L	07/16/12	07/17/12	200.8
7440-28-0	Thallium	0.61	J*	1	0.03	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-62-2	Vanadium	51.1		1	0.06	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-66-6	Zinc	137	N	1	0.09	1	2	ug/L	07/16/12	07/17/12	200.8

Color Before:	Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	608	% Moisture:	100 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PA005090.D	1	07/16/12	07/17/12	PB64277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.02	U	0.02	0.025	0.05	ug/L
11104-28-2	Aroclor-1221	0.02	U	0.02	0.025	0.05	ug/L
11141-16-5	Aroclor-1232	0.0082	U	0.0082	0.025	0.05	ug/L
53469-21-9	Aroclor-1242	0.01	U	0.01	0.025	0.05	ug/L
12672-29-6	Aroclor-1248	0.015	U	0.015	0.025	0.05	ug/L
11097-69-1	Aroclor-1254	0.012	U	0.012	0.025	0.05	ug/L
11096-82-5	Aroclor-1260	0.024	U	0.024	0.025	0.05	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	11.8		18 - 163		59%	SPK: 20
2051-24-3	Decachlorobiphenyl	11		10 - 177		55%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	E608	% Moisture:	100 Decanted:
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PG005417.D	1	07/16/12	07/17/12	PB64278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.0004	U	0.0004	0.003	0.005	ug/L
58-89-9	gamma-BHC	0.0004	U	0.0004	0.003	0.005	ug/L
76-44-8	Heptachlor	0.0005	U	0.0005	0.003	0.005	ug/L
309-00-2	Aldrin	0.0009	U	0.0009	0.003	0.005	ug/L
319-85-7	beta-BHC	0.0011	U	0.0011	0.003	0.005	ug/L
319-86-8	delta-BHC	0.0004	U	0.0004	0.003	0.005	ug/L
1024-57-3	Heptachlor epoxide	0.0005	U	0.0005	0.003	0.005	ug/L
959-98-8	Endosulfan I	0.0009	U	0.0009	0.003	0.005	ug/L
5103-74-2	gamma-Chlordane	0.0005	U	0.0005	0.003	0.005	ug/L
5103-71-9	alpha-Chlordane	0.0004	U	0.0004	0.003	0.005	ug/L
72-55-9	4,4-DDE	0.0005	U	0.0005	0.003	0.005	ug/L
60-57-1	Dieldrin	0.0005	U	0.0005	0.003	0.005	ug/L
72-20-8	Endrin	0.0007	U	0.0007	0.003	0.005	ug/L
33213-65-9	Endosulfan II	0.0008	U	0.0008	0.003	0.005	ug/L
72-54-8	4,4-DDD	0.0008	U	0.0008	0.003	0.005	ug/L
50-29-3	4,4-DDT	0.0006	U	0.0006	0.003	0.005	ug/L
7421-93-4	Endrin aldehyde	0.0008	U	0.0008	0.003	0.005	ug/L
1031-07-8	Endosulfan Sulfate	0.0009	U	0.0009	0.003	0.005	ug/L
72-43-5	Methoxychlor	0.0007	U	0.0007	0.003	0.005	ug/L
53494-70-5	Endrin ketone	0.0007	U	0.0007	0.003	0.005	ug/L
8001-35-2	Toxaphene	0.018	U	0.018	0.026	0.052	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18		25 - 156		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		10 - 148		82%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	E608	% Moisture:	100 Decanted:
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PG005417.D	1	07/16/12	07/17/12	PB64278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006050.D	1	07/16/12	07/17/12	PB64279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	0.02	U	0.02	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.05	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.02	U	0.02	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenz(a,h)anthracene	0.02	U	0.02	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	102		20 - 139		103%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.2		10 - 173		93%	SPK: 100
1718-51-0	Terphenyl-d14	80		20 - 171		80%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35757	8.79				
1146-65-2	Naphthalene-d8	135131	10.98				
15067-26-2	Acenaphthene-d10	103895	13.99				
1517-22-2	Phenanthrene-d10	205622	16.5				
1719-03-5	Chrysene-d12	258611	21.02				
1520-96-3	Perylene-d12	249179	25.03				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.			Date Collected:	07/13/12
Project:	Front Street Brooklyn project			Date Received:	07/13/12
Client Sample ID:	MW-1			SDG No.:	D3356
Lab Sample ID:	D3356-06			Matrix:	WATER
Analytical Method:	SW8270D			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM
Extraction Type :	SEPF	Decanted :	N	Level :	LOW
Injection Volume :	1	GPC Factor :	1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006050.D	1	07/16/12	07/17/12	PB64279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006053.D	1	07/16/12	07/17/12	PB64280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	0.77	U	0.77	5	10	ug/L
108-95-2	Phenol	0.21	U	0.21	5	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.55	U	0.55	5	10	ug/L
95-57-8	2-Chlorophenol	0.54	U	0.54	5	10	ug/L
95-48-7	2-Methylphenol	0.24	U	0.24	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.17	U	0.17	5	10	ug/L
98-86-2	Acetophenone	0.14	U	0.14	5	10	ug/L
65794-96-9	3+4-Methylphenols	0.38	U	0.38	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	0.2	U	0.2	5	10	ug/L
67-72-1	Hexachloroethane	0.25	U	0.25	5	10	ug/L
98-95-3	Nitrobenzene	0.68	U	0.68	5	10	ug/L
78-59-1	Isophorone	0.3	U	0.3	5	10	ug/L
88-75-5	2-Nitrophenol	0.52	U	0.52	5	10	ug/L
105-67-9	2,4-Dimethylphenol	0.71	U	0.71	5	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.55	U	0.55	5	10	ug/L
120-83-2	2,4-Dichlorophenol	0.66	U	0.66	5	10	ug/L
106-47-8	4-Chloroaniline	2.9	U	2.9	5	10	ug/L
87-68-3	Hexachlorobutadiene	0.25	U	0.25	5	10	ug/L
105-60-2	Caprolactam	2	U	2	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.4	U	0.4	5	10	ug/L
91-57-6	2-Methylnaphthalene	0.32	U	0.32	5	10	ug/L
77-47-4	Hexachlorocyclopentadiene	0.24	U	0.24	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.56	U	0.56	5	10	ug/L
95-95-4	2,4,5-Trichlorophenol	0.4	U	0.4	5	10	ug/L
92-52-4	1,1-Biphenyl	0.15	U	0.15	5	10	ug/L
91-58-7	2-Chloronaphthalene	0.16	U	0.16	5	10	ug/L
88-74-4	2-Nitroaniline	0.49	U	0.49	5	10	ug/L
131-11-3	Dimethylphthalate	0.22	U	0.22	5	10	ug/L
606-20-2	2,6-Dinitrotoluene	0.32	U	0.32	5	10	ug/L
99-09-2	3-Nitroaniline	1.1	U	1.1	5	10	ug/L
51-28-5	2,4-Dinitrophenol	2.1	U	2.1	5	10	ug/L

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006053.D	1	07/16/12	07/17/12	PB64280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
100-02-7	4-Nitrophenol	2	U	2	5	10	ug/L
132-64-9	Dibenzofuran	0.24	U	0.24	5	10	ug/L
121-14-2	2,4-Dinitrotoluene	1	U	1	5	10	ug/L
84-66-2	Diethylphthalate	0.38	U	0.38	5	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.21	U	0.21	5	10	ug/L
100-01-6	4-Nitroaniline	1.4	U	1.4	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.74	U	0.74	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.6	U	0.6	5	10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.23	U	0.23	5	10	ug/L
118-74-1	Hexachlorobenzene	0.18	U	0.18	5	10	ug/L
1912-24-9	Atrazine	0.4	U	0.4	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
86-74-8	Carbazole	0.22	U	0.22	5	10	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	5	10	ug/L
85-68-7	Butylbenzylphthalate	0.19	U	0.19	5	10	ug/L
91-94-1	3,3-Dichlorobenzidine	2	U	2	5	10	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	0.16	U	0.16	5	10	ug/L
117-84-0	Di-n-octyl phthalate	0.51	U	0.51	5	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.2	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.2	U	0.2	5	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	77.5		10 - 130		52%	SPK: 150
13127-88-3	Phenol-d5	52.4		10 - 130		35%	SPK: 150
4165-60-0	Nitrobenzene-d5	105		36 - 131		105%	SPK: 100
321-60-8	2-Fluorobiphenyl	116		39 - 131		117%	SPK: 100
118-79-6	2,4,6-Tribromophenol	162		25 - 155		109%	SPK: 150
1718-51-0	Terphenyl-d14	108		23 - 130		108%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94326	8.79				
1146-65-2	Naphthalene-d8	357055	10.99				
15067-26-2	Acenaphthene-d10	249868	13.98				
1517-22-2	Phenanthrene-d10	480380	16.48				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006053.D	1	07/16/12	07/17/12	PB64280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	543431	21.02				
1520-96-3	Perylene-d12	509186	25.02				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR006568.D	1		07/18/12	vr071812

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.2	U	0.2	0.5	1	ug/L
74-87-3	Chloromethane	0.2	U	0.2	0.5	1	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	0.5	1	ug/L
74-83-9	Bromomethane	0.2	U	0.2	0.5	1	ug/L
75-00-3	Chloroethane	0.2	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	0.35	0.5	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	0.45	0.5	1	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	0.47	0.5	1	ug/L
67-64-1	Acetone	0.5	U	0.5	2.5	5	ug/L
75-15-0	Carbon Disulfide	0.2	U	0.2	0.5	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	0.2	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	0.41	U	0.41	0.5	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	0.41	0.5	1	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	0.36	0.5	1	ug/L
110-82-7	Cyclohexane	0.2	U	0.2	0.5	1	ug/L
78-93-3	2-Butanone	1.3	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	0.2	U	0.2	0.5	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	0.35	0.5	1	ug/L
74-97-5	Bromochloromethane	0.2	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	0.34	U	0.34	0.5	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	0.4	0.5	1	ug/L
108-87-2	Methylcyclohexane	0.2	U	0.2	0.5	1	ug/L
71-43-2	Benzene	0.32	U	0.32	0.5	1	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	0.48	0.5	1	ug/L
79-01-6	Trichloroethene	2.1		0.28	0.5	1	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	0.46	0.5	1	ug/L
75-27-4	Bromodichloromethane	0.36	U	0.36	0.5	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	2.1	2.5	5	ug/L
108-88-3	Toluene	0.37	U	0.37	0.5	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	0.29	0.5	1	ug/L

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR006568.D	1		07/18/12	vr071812

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.31	U	0.31	0.5	1	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	0.38	0.5	1	ug/L
591-78-6	2-Hexanone	1.9	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	0.2	U	0.2	0.5	1	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	0.41	0.5	1	ug/L
127-18-4	Tetrachloroethene	0.27	U	0.27	0.5	1	ug/L
108-90-7	Chlorobenzene	0.49	U	0.49	0.5	1	ug/L
100-41-4	Ethyl Benzene	0.2	U	0.2	0.5	1	ug/L
179601-23-1	m/p-Xylenes	0.95	U	0.95	1	2	ug/L
95-47-6	o-Xylene	0.43	U	0.43	0.5	1	ug/L
100-42-5	Styrene	0.36	U	0.36	0.5	1	ug/L
75-25-2	Bromoform	0.47	U	0.47	0.5	1	ug/L
98-82-8	Isopropylbenzene	0.45	U	0.45	0.5	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	0.31	0.5	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	0.43	0.5	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	0.32	0.5	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	0.45	0.5	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	0.5	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.2	U	0.2	0.5	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.2	U	0.2	0.5	1	ug/L
123-91-1	1,4-Dioxane	10	U	10	10	20	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	60.9		61 - 141		122%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		69 - 133		102%	SPK: 50
2037-26-5	Toluene-d8	53.3		65 - 126		107%	SPK: 50
460-00-4	4-Bromofluorobenzene	49		58 - 135		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	418592	7.56				
540-36-3	1,4-Difluorobenzene	873712	8.49				
3114-55-4	Chlorobenzene-d5	812528	11.3				
3855-82-1	1,4-Dichlorobenzene-d4	375338	13.24				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-06	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR006568.D	1		07/18/12	vr071812

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	1790		1	1.9	10	20	ug/L	07/16/12	07/17/12	200.8
7440-36-0	Antimony	1.9	J	1	0.18	1	2	ug/L	07/16/12	07/17/12	200.8
7440-38-2	Arsenic	2.7		1	0.15	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-39-3	Barium	146		1	0.07	5	10	ug/L	07/16/12	07/17/12	200.8
7440-41-7	Beryllium	0.41	J	1	0.05	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-43-9	Cadmium	0.51	J	1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-70-2	Calcium	130000		1	6.7	250	500	ug/L	07/16/12	07/17/12	200.8
7440-47-3	Chromium	36.3		1	0.06	1	2	ug/L	07/16/12	07/17/12	200.8
7440-48-4	Cobalt	4.1		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-50-8	Copper	13.3		1	0.08	1	2	ug/L	07/16/12	07/17/12	200.8
7439-89-6	Iron	4960		1	2.8	100	200	ug/L	07/16/12	07/17/12	200.8
7439-92-1	Lead	11.6		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-95-4	Magnesium	33900		1	1.9	250	500	ug/L	07/16/12	07/17/12	200.8
7439-96-5	Manganese	560		1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-97-6	Mercury	0.07	U	1	0.07	0.1	0.2	ug/L	07/17/12	07/18/12	E245.1
7440-02-0	Nickel	19.6		1	0.1	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-09-7	Potassium	8670		1	7.7	250	500	ug/L	07/16/12	07/17/12	200.8
7782-49-2	Selenium	8		1	0.43	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-22-4	Silver	0.14	J	1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-23-5	Sodium	118000		1	3	250	500	ug/L	07/16/12	07/17/12	200.8
7440-28-0	Thallium	3.6	*	1	0.03	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-62-2	Vanadium	5.4		1	0.06	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-66-6	Zinc	46.5	N	1	0.09	1	2	ug/L	07/16/12	07/17/12	200.8

Color Before:	Colorless	Clarity Before:	Cloudy	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	608	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PA005091.D	1	07/16/12	07/17/12	PB64277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.02	U	0.02	0.025	0.05	ug/L
11104-28-2	Aroclor-1221	0.02	U	0.02	0.025	0.05	ug/L
11141-16-5	Aroclor-1232	0.008	U	0.008	0.025	0.05	ug/L
53469-21-9	Aroclor-1242	0.01	U	0.01	0.025	0.05	ug/L
12672-29-6	Aroclor-1248	0.015	U	0.015	0.025	0.05	ug/L
11097-69-1	Aroclor-1254	0.012	U	0.012	0.025	0.05	ug/L
11096-82-5	Aroclor-1260	0.024	U	0.024	0.025	0.05	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	8.82		18 - 163		44%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.9		10 - 177		59%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	E608	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PG005418.D	1	07/16/12	07/17/12	PB64278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.0004	U	0.0004	0.003	0.005	ug/L
58-89-9	gamma-BHC	0.0004	U	0.0004	0.003	0.005	ug/L
76-44-8	Heptachlor	0.0005	U	0.0005	0.003	0.005	ug/L
309-00-2	Aldrin	0.0009	U	0.0009	0.003	0.005	ug/L
319-85-7	beta-BHC	0.0011	U	0.0011	0.003	0.005	ug/L
319-86-8	delta-BHC	0.0004	U	0.0004	0.003	0.005	ug/L
1024-57-3	Heptachlor epoxide	0.0005	U	0.0005	0.003	0.005	ug/L
959-98-8	Endosulfan I	0.0009	U	0.0009	0.003	0.005	ug/L
5103-74-2	gamma-Chlordane	0.0005	U	0.0005	0.003	0.005	ug/L
5103-71-9	alpha-Chlordane	0.0004	U	0.0004	0.003	0.005	ug/L
72-55-9	4,4-DDE	0.0005	U	0.0005	0.003	0.005	ug/L
60-57-1	Dieldrin	0.0005	U	0.0005	0.003	0.005	ug/L
72-20-8	Endrin	0.0007	U	0.0007	0.003	0.005	ug/L
33213-65-9	Endosulfan II	0.0008	U	0.0008	0.003	0.005	ug/L
72-54-8	4,4-DDD	0.0008	U	0.0008	0.003	0.005	ug/L
50-29-3	4,4-DDT	0.0006	U	0.0006	0.003	0.005	ug/L
7421-93-4	Endrin aldehyde	0.0008	U	0.0008	0.003	0.005	ug/L
1031-07-8	Endosulfan Sulfate	0.0009	U	0.0009	0.003	0.005	ug/L
72-43-5	Methoxychlor	0.0007	U	0.0007	0.003	0.005	ug/L
53494-70-5	Endrin ketone	0.0007	U	0.0007	0.003	0.005	ug/L
8001-35-2	Toxaphene	0.017	U	0.017	0.025	0.05	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.2		25 - 156		71%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.4		10 - 148		67%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	E608	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PG005418.D	1	07/16/12	07/17/12	PB64278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

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* = Values outside of QC limits
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006051.D	1	07/16/12	07/17/12	PB64279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	0.02	U	0.02	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
85-01-8	Phenanthrene	0.1	J	0.02	0.05	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.08	J	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.07	J	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.02	U	0.02	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenz(a,h)anthracene	0.02	U	0.02	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	90.5		20 - 139		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.5		10 - 173		94%	SPK: 100
1718-51-0	Terphenyl-d14	73		20 - 171		73%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36677	8.8				
1146-65-2	Naphthalene-d8	165318	10.98				
15067-26-2	Acenaphthene-d10	107098	14				
1517-22-2	Phenanthrene-d10	212495	16.5				
1719-03-5	Chrysene-d12	271454	21.02				
1520-96-3	Perylene-d12	258465	25.03				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.			Date Collected:	07/13/12
Project:	Front Street Brooklyn project			Date Received:	07/13/12
Client Sample ID:	MW-2			SDG No.:	D3356
Lab Sample ID:	D3356-07			Matrix:	WATER
Analytical Method:	SW8270D			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM
Extraction Type :	SEPF	Decanted :	N	Level :	LOW
Injection Volume :	1	GPC Factor :	1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006051.D	1	07/16/12	07/17/12	PB64279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006054.D	1	07/16/12	07/17/12	PB64280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	0.77	U	0.77	5	10	ug/L
108-95-2	Phenol	0.21	U	0.21	5	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.55	U	0.55	5	10	ug/L
95-57-8	2-Chlorophenol	0.54	U	0.54	5	10	ug/L
95-48-7	2-Methylphenol	0.24	U	0.24	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.17	U	0.17	5	10	ug/L
98-86-2	Acetophenone	0.14	U	0.14	5	10	ug/L
65794-96-9	3+4-Methylphenols	0.38	U	0.38	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	0.2	U	0.2	5	10	ug/L
67-72-1	Hexachloroethane	0.25	U	0.25	5	10	ug/L
98-95-3	Nitrobenzene	0.68	U	0.68	5	10	ug/L
78-59-1	Isophorone	0.3	U	0.3	5	10	ug/L
88-75-5	2-Nitrophenol	0.52	U	0.52	5	10	ug/L
105-67-9	2,4-Dimethylphenol	0.71	U	0.71	5	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.55	U	0.55	5	10	ug/L
120-83-2	2,4-Dichlorophenol	0.66	U	0.66	5	10	ug/L
106-47-8	4-Chloroaniline	2.9	U	2.9	5	10	ug/L
87-68-3	Hexachlorobutadiene	0.25	U	0.25	5	10	ug/L
105-60-2	Caprolactam	2	U	2	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.4	U	0.4	5	10	ug/L
91-57-6	2-Methylnaphthalene	0.32	U	0.32	5	10	ug/L
77-47-4	Hexachlorocyclopentadiene	0.24	U	0.24	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.56	U	0.56	5	10	ug/L
95-95-4	2,4,5-Trichlorophenol	0.4	U	0.4	5	10	ug/L
92-52-4	1,1-Biphenyl	0.15	U	0.15	5	10	ug/L
91-58-7	2-Chloronaphthalene	0.16	U	0.16	5	10	ug/L
88-74-4	2-Nitroaniline	0.49	U	0.49	5	10	ug/L
131-11-3	Dimethylphthalate	0.22	U	0.22	5	10	ug/L
606-20-2	2,6-Dinitrotoluene	0.32	U	0.32	5	10	ug/L
99-09-2	3-Nitroaniline	1.1	U	1.1	5	10	ug/L
51-28-5	2,4-Dinitrophenol	2.1	U	2.1	5	10	ug/L

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006054.D	1	07/16/12	07/17/12	PB64280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
100-02-7	4-Nitrophenol	2	U	2	5	10	ug/L
132-64-9	Dibenzofuran	0.24	U	0.24	5	10	ug/L
121-14-2	2,4-Dinitrotoluene	1	U	1	5	10	ug/L
84-66-2	Diethylphthalate	0.38	U	0.38	5	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.21	U	0.21	5	10	ug/L
100-01-6	4-Nitroaniline	1.4	U	1.4	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.74	U	0.74	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.6	U	0.6	5	10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.23	U	0.23	5	10	ug/L
118-74-1	Hexachlorobenzene	0.18	U	0.18	5	10	ug/L
1912-24-9	Atrazine	0.4	U	0.4	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
86-74-8	Carbazole	0.22	U	0.22	5	10	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	5	10	ug/L
85-68-7	Butylbenzylphthalate	0.19	U	0.19	5	10	ug/L
91-94-1	3,3-Dichlorobenzidine	2	U	2	5	10	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	0.16	U	0.16	5	10	ug/L
117-84-0	Di-n-octyl phthalate	0.51	U	0.51	5	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.2	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.2	U	0.2	5	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	70.5		10 - 130		47%	SPK: 150
13127-88-3	Phenol-d5	47.9		10 - 130		32%	SPK: 150
4165-60-0	Nitrobenzene-d5	114		36 - 131		115%	SPK: 100
321-60-8	2-Fluorobiphenyl	121		39 - 131		121%	SPK: 100
118-79-6	2,4,6-Tribromophenol	164		25 - 155		110%	SPK: 150
1718-51-0	Terphenyl-d14	106		23 - 130		107%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94957	8.78				
1146-65-2	Naphthalene-d8	348852	10.99				
15067-26-2	Acenaphthene-d10	238185	13.98				
1517-22-2	Phenanthrene-d10	448260	16.47				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006054.D	1	07/16/12	07/17/12	PB64280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	523663	21.02				
1520-96-3	Perylene-d12	531206	25.02				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR006569.D	1		07/18/12	vr071812

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.2	U	0.2	0.5	1	ug/L
74-87-3	Chloromethane	0.2	U	0.2	0.5	1	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	0.5	1	ug/L
74-83-9	Bromomethane	0.2	U	0.2	0.5	1	ug/L
75-00-3	Chloroethane	0.2	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	0.35	0.5	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	0.45	0.5	1	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	0.47	0.5	1	ug/L
67-64-1	Acetone	0.5	U	0.5	2.5	5	ug/L
75-15-0	Carbon Disulfide	0.2	U	0.2	0.5	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	0.2	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	0.41	U	0.41	0.5	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	0.41	0.5	1	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	0.36	0.5	1	ug/L
110-82-7	Cyclohexane	0.2	U	0.2	0.5	1	ug/L
78-93-3	2-Butanone	1.3	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	0.2	U	0.2	0.5	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	0.35	0.5	1	ug/L
74-97-5	Bromochloromethane	0.2	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	0.34	U	0.34	0.5	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	0.4	0.5	1	ug/L
108-87-2	Methylcyclohexane	0.2	U	0.2	0.5	1	ug/L
71-43-2	Benzene	0.32	U	0.32	0.5	1	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	0.48	0.5	1	ug/L
79-01-6	Trichloroethene	8.3		0.28	0.5	1	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	0.46	0.5	1	ug/L
75-27-4	Bromodichloromethane	0.36	U	0.36	0.5	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	2.1	2.5	5	ug/L
108-88-3	Toluene	0.37	U	0.37	0.5	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	0.29	0.5	1	ug/L

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR006569.D	1		07/18/12	vr071812

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.31	U	0.31	0.5	1	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	0.38	0.5	1	ug/L
591-78-6	2-Hexanone	1.9	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	0.2	U	0.2	0.5	1	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	0.41	0.5	1	ug/L
127-18-4	Tetrachloroethene	0.27	U	0.27	0.5	1	ug/L
108-90-7	Chlorobenzene	0.49	U	0.49	0.5	1	ug/L
100-41-4	Ethyl Benzene	0.2	U	0.2	0.5	1	ug/L
179601-23-1	m/p-Xylenes	0.95	U	0.95	1	2	ug/L
95-47-6	o-Xylene	0.43	U	0.43	0.5	1	ug/L
100-42-5	Styrene	0.36	U	0.36	0.5	1	ug/L
75-25-2	Bromoform	0.47	U	0.47	0.5	1	ug/L
98-82-8	Isopropylbenzene	0.45	U	0.45	0.5	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	0.31	0.5	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	0.43	0.5	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	0.32	0.5	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	0.45	0.5	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	0.5	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.2	U	0.2	0.5	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.2	U	0.2	0.5	1	ug/L
123-91-1	1,4-Dioxane	10	U	10	10	20	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.7		61 - 141		125%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		69 - 133		101%	SPK: 50
2037-26-5	Toluene-d8	52.5		65 - 126		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		58 - 135		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	397613	7.56				
540-36-3	1,4-Difluorobenzene	839844	8.49				
3114-55-4	Chlorobenzene-d5	780515	11.3				
3855-82-1	1,4-Dichlorobenzene-d4	358979	13.24				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-07	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR006569.D	1		07/18/12	vr071812

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	18300		1	1.9	10	20	ug/L	07/16/12	07/17/12	200.8
7440-36-0	Antimony	0.71	J	1	0.18	1	2	ug/L	07/16/12	07/17/12	200.8
7440-38-2	Arsenic	5.1		1	0.15	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-39-3	Barium	450		1	0.07	5	10	ug/L	07/16/12	07/17/12	200.8
7440-41-7	Beryllium	1.3		1	0.05	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-43-9	Cadmium	0.26	J	1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-70-2	Calcium	161000		1	6.7	250	500	ug/L	07/16/12	07/17/12	200.8
7440-47-3	Chromium	125		1	0.06	1	2	ug/L	07/16/12	07/17/12	200.8
7440-48-4	Cobalt	29.2		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-50-8	Copper	86.2		1	0.08	1	2	ug/L	07/16/12	07/17/12	200.8
7439-89-6	Iron	38700		1	2.8	100	200	ug/L	07/16/12	07/17/12	200.8
7439-92-1	Lead	23.2		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-95-4	Magnesium	49900		1	1.9	250	500	ug/L	07/16/12	07/17/12	200.8
7439-96-5	Manganese	2920		1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-97-6	Mercury	0.07	U	1	0.07	0.1	0.2	ug/L	07/17/12	07/18/12	E245.1
7440-02-0	Nickel	64.1		1	0.1	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-09-7	Potassium	19600		1	7.7	250	500	ug/L	07/16/12	07/17/12	200.8
7782-49-2	Selenium	4.4	J	1	0.43	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-22-4	Silver	0.12	J	1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-23-5	Sodium	76300		1	3	250	500	ug/L	07/16/12	07/17/12	200.8
7440-28-0	Thallium	1.2	*	1	0.03	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-62-2	Vanadium	40.5		1	0.06	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-66-6	Zinc	143	N	1	0.09	1	2	ug/L	07/16/12	07/17/12	200.8

Color Before:	Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	608	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PA005092.D	1	07/16/12	07/17/12	PB64277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.02	U	0.02	0.025	0.05	ug/L
11104-28-2	Aroclor-1221	0.02	U	0.02	0.025	0.05	ug/L
11141-16-5	Aroclor-1232	0.008	U	0.008	0.025	0.05	ug/L
53469-21-9	Aroclor-1242	0.01	U	0.01	0.025	0.05	ug/L
12672-29-6	Aroclor-1248	0.015	U	0.015	0.025	0.05	ug/L
11097-69-1	Aroclor-1254	0.012	U	0.012	0.025	0.05	ug/L
11096-82-5	Aroclor-1260	0.024	U	0.024	0.025	0.05	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	9.49		18 - 163		47%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.38		10 - 177		42%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	E608	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PG005419.D	1	07/16/12	07/17/12	PB64278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.0004	U	0.0004	0.003	0.005	ug/L
58-89-9	gamma-BHC	0.0004	U	0.0004	0.003	0.005	ug/L
76-44-8	Heptachlor	0.0005	U	0.0005	0.003	0.005	ug/L
309-00-2	Aldrin	0.0009	U	0.0009	0.003	0.005	ug/L
319-85-7	beta-BHC	0.0011	U	0.0011	0.003	0.005	ug/L
319-86-8	delta-BHC	0.0004	U	0.0004	0.003	0.005	ug/L
1024-57-3	Heptachlor epoxide	0.0005	U	0.0005	0.003	0.005	ug/L
959-98-8	Endosulfan I	0.0009	U	0.0009	0.003	0.005	ug/L
5103-74-2	gamma-Chlordane	0.0005	U	0.0005	0.003	0.005	ug/L
5103-71-9	alpha-Chlordane	0.0004	U	0.0004	0.003	0.005	ug/L
72-55-9	4,4-DDE	0.0005	U	0.0005	0.003	0.005	ug/L
60-57-1	Dieldrin	0.0005	U	0.0005	0.003	0.005	ug/L
72-20-8	Endrin	0.0007	U	0.0007	0.003	0.005	ug/L
33213-65-9	Endosulfan II	0.0008	U	0.0008	0.003	0.005	ug/L
72-54-8	4,4-DDD	0.0008	U	0.0008	0.003	0.005	ug/L
50-29-3	4,4-DDT	0.0006	U	0.0006	0.003	0.005	ug/L
7421-93-4	Endrin aldehyde	0.0008	U	0.0008	0.003	0.005	ug/L
1031-07-8	Endosulfan Sulfate	0.0009	U	0.0009	0.003	0.005	ug/L
72-43-5	Methoxychlor	0.0007	U	0.0007	0.003	0.005	ug/L
53494-70-5	Endrin ketone	0.0007	U	0.0007	0.003	0.005	ug/L
8001-35-2	Toxaphene	0.017	U	0.017	0.025	0.05	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.7		25 - 156		73%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.5		10 - 148		72%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	E608	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PG005419.D	1	07/16/12	07/17/12	PB64278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006052.D	1	07/16/12	07/17/12	PB64279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	0.02	U	0.02	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.05	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.02	U	0.02	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenz(a,h)anthracene	0.02	U	0.02	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	103		20 - 139		104%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.7		10 - 173		96%	SPK: 100
1718-51-0	Terphenyl-d14	80.7		20 - 171		81%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37742	8.8				
1146-65-2	Naphthalene-d8	149748	10.98				
15067-26-2	Acenaphthene-d10	112551	13.99				
1517-22-2	Phenanthrene-d10	217441	16.5				
1719-03-5	Chrysene-d12	271144	21.03				
1520-96-3	Perylene-d12	258099	25.03				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.			Date Collected:	07/13/12
Project:	Front Street Brooklyn project			Date Received:	07/13/12
Client Sample ID:	MW-3			SDG No.:	D3356
Lab Sample ID:	D3356-08			Matrix:	WATER
Analytical Method:	SW8270D			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM
Extraction Type :	SEPF	Decanted :	N	Level :	LOW
Injection Volume :	1	GPC Factor :	1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006052.D	1	07/16/12	07/17/12	PB64279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006055.D	1	07/16/12	07/17/12	PB64280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	0.77	U	0.77	5	10	ug/L
108-95-2	Phenol	0.21	U	0.21	5	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.55	U	0.55	5	10	ug/L
95-57-8	2-Chlorophenol	0.54	U	0.54	5	10	ug/L
95-48-7	2-Methylphenol	0.24	U	0.24	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.17	U	0.17	5	10	ug/L
98-86-2	Acetophenone	0.14	U	0.14	5	10	ug/L
65794-96-9	3+4-Methylphenols	0.38	U	0.38	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	0.2	U	0.2	5	10	ug/L
67-72-1	Hexachloroethane	0.25	U	0.25	5	10	ug/L
98-95-3	Nitrobenzene	0.68	U	0.68	5	10	ug/L
78-59-1	Isophorone	0.3	U	0.3	5	10	ug/L
88-75-5	2-Nitrophenol	0.52	U	0.52	5	10	ug/L
105-67-9	2,4-Dimethylphenol	0.71	U	0.71	5	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.55	U	0.55	5	10	ug/L
120-83-2	2,4-Dichlorophenol	0.66	U	0.66	5	10	ug/L
106-47-8	4-Chloroaniline	2.9	U	2.9	5	10	ug/L
87-68-3	Hexachlorobutadiene	0.25	U	0.25	5	10	ug/L
105-60-2	Caprolactam	2	U	2	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.4	U	0.4	5	10	ug/L
91-57-6	2-Methylnaphthalene	0.32	U	0.32	5	10	ug/L
77-47-4	Hexachlorocyclopentadiene	0.24	U	0.24	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.56	U	0.56	5	10	ug/L
95-95-4	2,4,5-Trichlorophenol	0.4	U	0.4	5	10	ug/L
92-52-4	1,1-Biphenyl	0.15	U	0.15	5	10	ug/L
91-58-7	2-Chloronaphthalene	0.16	U	0.16	5	10	ug/L
88-74-4	2-Nitroaniline	0.49	U	0.49	5	10	ug/L
131-11-3	Dimethylphthalate	0.22	U	0.22	5	10	ug/L
606-20-2	2,6-Dinitrotoluene	0.32	U	0.32	5	10	ug/L
99-09-2	3-Nitroaniline	1.1	U	1.1	5	10	ug/L
51-28-5	2,4-Dinitrophenol	2.1	U	2.1	5	10	ug/L

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006055.D	1	07/16/12	07/17/12	PB64280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
100-02-7	4-Nitrophenol	2	U	2	5	10	ug/L
132-64-9	Dibenzofuran	0.24	U	0.24	5	10	ug/L
121-14-2	2,4-Dinitrotoluene	1	U	1	5	10	ug/L
84-66-2	Diethylphthalate	0.38	U	0.38	5	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.21	U	0.21	5	10	ug/L
100-01-6	4-Nitroaniline	1.4	U	1.4	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.74	U	0.74	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.6	U	0.6	5	10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.23	U	0.23	5	10	ug/L
118-74-1	Hexachlorobenzene	0.18	U	0.18	5	10	ug/L
1912-24-9	Atrazine	0.4	U	0.4	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
86-74-8	Carbazole	0.22	U	0.22	5	10	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	5	10	ug/L
85-68-7	Butylbenzylphthalate	0.19	U	0.19	5	10	ug/L
91-94-1	3,3-Dichlorobenzidine	2	U	2	5	10	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	0.16	U	0.16	5	10	ug/L
117-84-0	Di-n-octyl phthalate	0.51	U	0.51	5	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.2	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.2	U	0.2	5	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	66.3		10 - 130		44%	SPK: 150
13127-88-3	Phenol-d5	43.1		10 - 130		29%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.3		36 - 131		98%	SPK: 100
321-60-8	2-Fluorobiphenyl	105		39 - 131		105%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		25 - 155		97%	SPK: 150
1718-51-0	Terphenyl-d14	102		23 - 130		102%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97368	8.79				
1146-65-2	Naphthalene-d8	355825	10.98				
15067-26-2	Acenaphthene-d10	254124	13.98				
1517-22-2	Phenanthrene-d10	476233	16.47				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SEPF Decanted : N	Level :	LOW
Injection Volume :	1 GPC Factor : 1.0	GPC Cleanup :	N PH : 6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG006055.D	1	07/16/12	07/17/12	PB64280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	541856	21.01				
1520-96-3	Perylene-d12	522029	25.01				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR006570.D	1		07/18/12	vr071812

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.2	U	0.2	0.5	1	ug/L
74-87-3	Chloromethane	0.2	U	0.2	0.5	1	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	0.5	1	ug/L
74-83-9	Bromomethane	0.2	U	0.2	0.5	1	ug/L
75-00-3	Chloroethane	0.2	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	0.35	0.5	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	0.45	0.5	1	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	0.47	0.5	1	ug/L
67-64-1	Acetone	0.5	U	0.5	2.5	5	ug/L
75-15-0	Carbon Disulfide	0.2	U	0.2	0.5	1	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	0.2	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	0.41	U	0.41	0.5	1	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	0.41	0.5	1	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	0.36	0.5	1	ug/L
110-82-7	Cyclohexane	0.2	U	0.2	0.5	1	ug/L
78-93-3	2-Butanone	1.3	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	0.2	U	0.2	0.5	1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	0.35	0.5	1	ug/L
74-97-5	Bromochloromethane	0.2	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	0.34	U	0.34	0.5	1	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	0.4	0.5	1	ug/L
108-87-2	Methylcyclohexane	0.2	U	0.2	0.5	1	ug/L
71-43-2	Benzene	0.32	U	0.32	0.5	1	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	0.48	0.5	1	ug/L
79-01-6	Trichloroethene	3.2		0.28	0.5	1	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	0.46	0.5	1	ug/L
75-27-4	Bromodichloromethane	0.36	U	0.36	0.5	1	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	2.1	2.5	5	ug/L
108-88-3	Toluene	0.37	U	0.37	0.5	1	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	0.29	0.5	1	ug/L

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR006570.D	1		07/18/12	vr071812

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.31	U	0.31	0.5	1	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	0.38	0.5	1	ug/L
591-78-6	2-Hexanone	1.9	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	0.2	U	0.2	0.5	1	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	0.41	0.5	1	ug/L
127-18-4	Tetrachloroethene	0.27	U	0.27	0.5	1	ug/L
108-90-7	Chlorobenzene	0.49	U	0.49	0.5	1	ug/L
100-41-4	Ethyl Benzene	0.2	U	0.2	0.5	1	ug/L
179601-23-1	m/p-Xylenes	0.95	U	0.95	1	2	ug/L
95-47-6	o-Xylene	0.43	U	0.43	0.5	1	ug/L
100-42-5	Styrene	0.36	U	0.36	0.5	1	ug/L
75-25-2	Bromoform	0.47	U	0.47	0.5	1	ug/L
98-82-8	Isopropylbenzene	0.45	U	0.45	0.5	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	0.31	0.5	1	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	0.43	0.5	1	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	0.32	0.5	1	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	0.45	0.5	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	0.5	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.2	U	0.2	0.5	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.2	U	0.2	0.5	1	ug/L
123-91-1	1,4-Dioxane	10	U	10	10	20	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	63.6		61 - 141		127%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		69 - 133		102%	SPK: 50
2037-26-5	Toluene-d8	52.4		65 - 126		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.8		58 - 135		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	390714	7.56				
540-36-3	1,4-Difluorobenzene	829356	8.49				
3114-55-4	Chlorobenzene-d5	776770	11.3				
3855-82-1	1,4-Dichlorobenzene-d4	340584	13.24				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-08	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR006570.D	1		07/18/12	vr071812

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-1	SDG No.:	D3356
Lab Sample ID:	D3356-09	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	89		1	1.9	10	20	ug/L	07/16/12	07/17/12	200.8
7440-36-0	Antimony	0.49	J	1	0.18	1	2	ug/L	07/16/12	07/17/12	200.8
7440-38-2	Arsenic	0.45	J	1	0.15	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-39-3	Barium	161		1	0.07	5	10	ug/L	07/16/12	07/17/12	200.8
7440-41-7	Beryllium	0.06	J	1	0.05	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-43-9	Cadmium	0.07	U	1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-70-2	Calcium	141000		1	6.7	250	500	ug/L	07/16/12	07/17/12	200.8
7440-47-3	Chromium	1.2	J	1	0.06	1	2	ug/L	07/16/12	07/17/12	200.8
7440-48-4	Cobalt	6.5		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-50-8	Copper	7.4		1	0.08	1	2	ug/L	07/16/12	07/17/12	200.8
7439-89-6	Iron	875		1	2.8	100	200	ug/L	07/16/12	07/17/12	200.8
7439-92-1	Lead	1.9		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-95-4	Magnesium	34500		1	1.9	250	500	ug/L	07/16/12	07/17/12	200.8
7439-96-5	Manganese	1480		1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-97-6	Mercury	0.07	U	1	0.07	0.1	0.2	ug/L	07/17/12	07/18/12	E245.1
7440-02-0	Nickel	11.6		1	0.1	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-09-7	Potassium	19300		1	7.7	250	500	ug/L	07/16/12	07/17/12	200.8
7782-49-2	Selenium	4.3	J	1	0.43	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-22-4	Silver	0.04	U	1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-23-5	Sodium	86100		1	3	250	500	ug/L	07/16/12	07/17/12	200.8
7440-28-0	Thallium	0.56	J*	1	0.03	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-62-2	Vanadium	0.093	J	1	0.06	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-66-6	Zinc	27.9	N	1	0.09	1	2	ug/L	07/16/12	07/17/12	200.8

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	DISSOLVED METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2	SDG No.:	D3356
Lab Sample ID:	D3356-10	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	26		1	1.9	10	20	ug/L	07/16/12	07/17/12	200.8
7440-36-0	Antimony	0.32	J	1	0.18	1	2	ug/L	07/16/12	07/17/12	200.8
7440-38-2	Arsenic	0.55	J	1	0.15	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-39-3	Barium	120		1	0.07	5	10	ug/L	07/16/12	07/17/12	200.8
7440-41-7	Beryllium	0.05	U	1	0.05	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-43-9	Cadmium	0.07	U	1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-70-2	Calcium	98100		1	6.7	250	500	ug/L	07/16/12	07/17/12	200.8
7440-47-3	Chromium	18.5		1	0.06	1	2	ug/L	07/16/12	07/17/12	200.8
7440-48-4	Cobalt	2.1		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-50-8	Copper	18.2		1	0.08	1	2	ug/L	07/16/12	07/17/12	200.8
7439-89-6	Iron	659		1	2.8	100	200	ug/L	07/16/12	07/17/12	200.8
7439-92-1	Lead	1.9		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-95-4	Magnesium	21900		1	1.9	250	500	ug/L	07/16/12	07/17/12	200.8
7439-96-5	Manganese	981		1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-97-6	Mercury	0.07	U	1	0.07	0.1	0.2	ug/L	07/17/12	07/18/12	E245.1
7440-02-0	Nickel	7.6		1	0.1	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-09-7	Potassium	10400		1	7.7	250	500	ug/L	07/16/12	07/17/12	200.8
7782-49-2	Selenium	5.5		1	0.43	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-22-4	Silver	0.04	U	1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-23-5	Sodium	216000	OR	1	3.02	250	500	ug/L	07/16/12	07/17/12	200.8
7440-28-0	Thallium	0.33	J*	1	0.03	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-62-2	Vanadium	0.06	U	1	0.06	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-66-6	Zinc	42.6	N	1	0.09	1	2	ug/L	07/16/12	07/17/12	200.8

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	DISSOLVED METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
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N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-2DL	SDG No.:	D3356
Lab Sample ID:	D3356-10DL	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-23-5	Sodium	225000	D	10	30.2	2500	5000	ug/L	07/16/12	07/17/12	200.8

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	DISSOLVED METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/13/12
Project:	Front Street Brooklyn project	Date Received:	07/13/12
Client Sample ID:	MW-3	SDG No.:	D3356
Lab Sample ID:	D3356-11	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	15.6	J	1	1.9	10	20	ug/L	07/16/12	07/17/12	200.8
7440-36-0	Antimony	0.25	J	1	0.18	1	2	ug/L	07/16/12	07/17/12	200.8
7440-38-2	Arsenic	0.54	J	1	0.15	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-39-3	Barium	123		1	0.07	5	10	ug/L	07/16/12	07/17/12	200.8
7440-41-7	Beryllium	0.05	U	1	0.05	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-43-9	Cadmium	0.21	J	1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-70-2	Calcium	131000		1	6.7	250	500	ug/L	07/16/12	07/17/12	200.8
7440-47-3	Chromium	1.3	J	1	0.06	1	2	ug/L	07/16/12	07/17/12	200.8
7440-48-4	Cobalt	2.1		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-50-8	Copper	16.5		1	0.08	1	2	ug/L	07/16/12	07/17/12	200.8
7439-89-6	Iron	793		1	2.8	100	200	ug/L	07/16/12	07/17/12	200.8
7439-92-1	Lead	1.3		1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-95-4	Magnesium	33200		1	1.9	250	500	ug/L	07/16/12	07/17/12	200.8
7439-96-5	Manganese	437		1	0.07	0.5	1	ug/L	07/16/12	07/17/12	200.8
7439-97-6	Mercury	0.07	U	1	0.07	0.1	0.2	ug/L	07/17/12	07/18/12	E245.1
7440-02-0	Nickel	2.5		1	0.1	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-09-7	Potassium	8340		1	7.7	250	500	ug/L	07/16/12	07/17/12	200.8
7782-49-2	Selenium	5.2		1	0.43	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-22-4	Silver	0.04	U	1	0.04	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-23-5	Sodium	123000		1	3	250	500	ug/L	07/16/12	07/17/12	200.8
7440-28-0	Thallium	0.28	J*	1	0.03	0.5	1	ug/L	07/16/12	07/17/12	200.8
7440-62-2	Vanadium	0.06	U	1	0.06	2.5	5	ug/L	07/16/12	07/17/12	200.8
7440-66-6	Zinc	30.2	N	1	0.09	1	2	ug/L	07/16/12	07/17/12	200.8

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	DISSOLVED METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
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N =Spiked sample recovery not within control limits

CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : AIR FRONT ST., BROOKLYN

ATC ASSOCIATES, INC.

104 East 25th Street

New York, NY - 10010

Phone No: 212-353-8280

ORDER ID : D3344

ATTENTION : Matt Mankovich

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 07/18/2012

Dear Matt Mankovich,

9 air samples for the **Air Front St., Brooklyn** project were received on **07/11/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

CHRISTOPHER WOLSKI

908-728 3149

c.wolski@CHEMTECH.NET

D3344,

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. :

1 of 9 COCs

Client Contact Information		Bottle Order ID :	B1207009	Courier :	
Client ID :	ATCE02	Project ID :	Air Front St., Brooklyn	Sampler Name(s) :	John Masciolì
Customer Name :	ATC ASSOCIATES, INC.	Project Manager :	Matt mankovich		
		Phone Number :	212-353-8280		
Address :	104 East 25th Street	Fax Number :	2129798447		
		Site Details:			
City :	New York				
State :	NY	Analysis Turnaround Time			
Zip Code :	10010	Standard :	~~15 business days~~	Data Package Type :	results +QC
Country :		Rush (Specify):	5 Days	EDD Type :	DEC EQUIS/Excel.

AIR ANALYSIS
CHAIN-OF-CUSTODY

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	Analysis: TO-15				Matrix: Indoor/Ambinet Air	Soil Gas		
SV-01	7.11.12	0905	1015	-30+	-7.5			-30		10555	10260	6 L	100	VL017272.D	X					X		

Temperature (Fahrenheit)	Ambient	Maximum	Minimum
Start	85	90	75
Stop	85	90	75

Pressure (Inches of Hg)	Ambient	Maximum	Minimum
Start			
Stop			

GC/MS Analyst Signature (TO-15): [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low

PID Readings: 0.0

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 7/6/12	Canisters Received by:		Date/Time: 7.12 1215	B1207009 - 2
Samples Relinquished by:	Date/Time: 7/11/12	Received by:		Date/Time:	
Relinquished by:	Date/Time: 7/11/12 1355	Received by:		Date/Time:	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : _____

Client Contact Information	Bottle Order ID : **B1207009**	Courier :	2 of 9 COCs
Client ID : **ATCE02** Project ID :	**Air Front St., Brooklyn**	Sampler Name(s) : JOHN MASCIA'	Analysis / Matrix
Customer Name : **ATC ASSOCIATES, INC.**	Project Manager : **Matt mankovich**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **104 East 25th Street**	Phone Number : **212-353-8280**		
	Fax Number : **2129798447**		
	Site Details:		
City : **New York**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **10010**	Standard : ~~15 business days~~	Data Package Type :	
Country :	Rush (Specify): 5 **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	TO-15			Indoor/Ambinet Air	Soil Gas	
SV-02	7.11.12	9:15	10:20	-30	-4			-30		10695	10311	6 L	100	VL017272.D	X				X	

Temperature (Fahrenheit)	Ambient	Maximum	Minimum
Start	85	90	75
Stop	85	90	75

Pressure (Inches of Hg)	Ambient	Maximum	Minimum
Start			
Stop			

GC/MS Analyst Signature (TO-15) [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: 0.0

Sampling site (State): NY

Quick Connector required : No

Canisters Shiped by:	Date/Time: 7/6/12	Canisters Received by:	Date/Time: 7/11/12 1245	B1207009 - 5
Samples Relinquished by:	Date/Time: 7/11/12	Received by:	Date/Time:	
Relinquished by:	Date/Time: 7.11.12 1255	Received by:	Date/Time:	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : _____

Client Contact Information	Bottle Order ID : **B1207009**	Courier :	3 of 9 COCs
Client ID : **ATCE02** Project ID :	**Air Front St., Brooklyn**	Sampler Name(s) : John Masciolí	Analysis / Matrix
Customer Name : **ATC ASSOCIATES, INC.**	Project Manager : **Matt mankovich**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **104 East 25th Street**	Phone Number : **212-353-8280**		
	Fax Number : **2129798447**		
	Site Details:		
City : **New York**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **10010**	Standard : ~~**15 business days**~~	Data Package Type :	
Country :	Rush (Specify): 5 **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	TO-15			Indoor/Ambinet Air	Soil Gas		
SV-03	7-11-12	950	1115	-30	-4			-30		10107	10275	6 L	100	VL017272.D	X				X		

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start	85	90	75	
Stop	85	90	75	

GC/MS Analyst Signature (TO-15): Ayenlyst

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.0

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 7/6/12	Canisters Received by:	Date/Time: 7.11.12 1543
Samples Relinquished by:	Date/Time: 7/11/12	Received by:	Date/Time:
Relinquished by:	Date/Time: 7-11-12 1355	Received by:	Date/Time:

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : _____

Client Contact Information	Bottle Order ID : **B1207009**	Courier :	4 of 9 COCs
Client ID : **ATCE02** Project ID :	**Air Front St., Brooklyn**	Sampler Name(s) : John Masciosi	Analysis / Matrix
Customer Name : **ATC ASSOCIATES, INC.**	Project Manager : **Matt mankovich**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **104 East 25th Street**	Phone Number : **212-353-8280**		
	Fax Number : **2129798447**		
	Site Details:		
City : **New York**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **10010**	Standard : ~~**15 business days**~~	Data Package Type :	
Country :	Rush (Specify): 5 **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
SV-04	7.11.12	1005	1120	-30	4			-30		10637	10315	6 L	100	VL017272.D	X					X		

	Ambient	Maximum	Minimum	
Temperature (Fahrenheit)				
Start	85	90	75	
Stop	85	90	75	
Pressure (Inches of Hg)				
Start				
Stop				

GC/MS Analyst Signature (TO-15) [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.0

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 7/6/12	Canisters Received by:	Date/Time: 7.11.12 1245
Samples Relinquished by:	Date/Time: 7/11/12	Received by:	Date/Time:
Relinquished by:	Date/Time: 7-11-12 1355	Received by:	Date/Time:

B1207009 - 6

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : _____

5 of 9 COCs

Client Contact Information	Bottle Order ID : **B1207009**	Courier :	
Client ID : **ATCE02** Project ID :	**Air Front St., Brooklyn**	Sampler Name(s) : John Mascioli	
Customer Name : **ATC ASSOCIATES, INC.**	Project Manager : **Matt mankovich**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **104 East 25th Street**	Phone Number : **212-353-8280**		
	Fax Number : **2129798447**		
	Site Details:		
City : **New York**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **10010**	Standard : ~~15 business days~~	Data Package Type :	
Country :	Rush (Specify): 5 **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	TO-15			Indoor/Ambinet Air	Soil Gas	
SV-05	7.11.12	10 39	10 45	-24	0			-30		10784	10056	6 L	100	VL017272.D	X				X	

Temperature (Fahrenheit)	Ambient	Maximum	Minimum
Start	75	85	70
Stop	75	85	70

Pressure (Inches of Hg)	Ambient	Maximum	Minimum
Start			
Stop			

GC/MS Analyst Signature (TO-15) [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.0

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by: [signature]	Date/Time: 7/6/12	Canisters Received by: [signature]	Date/Time: 7.11.12 1245
Samples Relinquished by: [signature]	Date/Time: 7/11/12	Received by:	Date/Time:
Relinquished by: [signature]	Date/Time: 7.11.12 1355	Received by:	Date/Time:

B1207009 - 1

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : _____

6 of 9 COCs

AIR ANALYSIS CHAIN-OF-CUSTODY

Client Contact Information	Bottle Order ID : **B1207009**	Courier :	
Client ID : **ATCE02** Project ID :	**Air Front St., Brooklyn**	Sampler Name(s) : John Mascioli	
Customer Name : **ATC ASSOCIATES, INC.**	Project Manager : **Matt mankovich**		
	Phone Number : **212-353-8280**		
Address : **104 East 25th Street**	Fax Number : **2129798447**		
	Site Details:		
City : **New York**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **10010**	Standard : **15 business days**	Data Package Type :	
Country :	Rush (Specify): 5 **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	Analysis: TO-15			Matrix: Indoor/Ambinet Air	Soil Gas		
SV-06	7/11/12	10:45	11:50	-30	-2			-30		10633	10593	6 L	100	VL017272.D	X				X		

Temperature (Fahrenheit)	Ambient	Maximum	Minimum
Start	75	85	70
Stop	75	85	70

Pressure (Inches of Hg)	Ambient	Maximum	Minimum
Start			
Stop			

GC/MS Analyst Signature (TO-15)

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: 0.0

Sampling site (State): NY

Quick Connector required : no

Canisters Shiped by:	Date/Time: 7/6/12	Canisters Received by:	Date/Time: 7/11/12 1245		
Samples Relinquished by:	Date/Time: 7/11/12	Received by:	Date/Time:		
Relinquished by:	Date/Time: 7/11/12 1355	Received by:	Date/Time:		

B1207009 - 9

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. : _____

Client Contact Information	Bottle Order ID : **B1207009**	Courier :	7 of 9 COCs
Client ID : **ATCE02** Project ID :	**Air Front St., Brooklyn**	Sampler Name(s) : John Mascichi	Analysis / Matrix
Customer Name : **ATC ASSOCIATES, INC.**	Project Manager : **Matt mankovich**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **104 East 25th Street**	Phone Number : **212-353-8280**		
	Fax Number : **2129798447**		
	Site Details:		
City : **New York**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **10010**	Standard : ~~15 business days~~	Data Package Type :	
Country :	Rush (Specify): 5 **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	TO-15			Indoor/Ambinet Air	Soil Gas	
SV-07	7.11.12	10:50	11:55	-30	-7			-30		10570	10293	6 L	100	VL017272.D	X				X	

Temperature (Fahrenheit)	Ambient	Maximum	Minimum
Start	75	80	70
Stop	75	80	70

Pressure (Inches of Hg)	Ambient	Maximum	Minimum
Start			
Stop			

GC/MS Analyst Signature (TO-15) [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low

PID Readings: 0.0

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 7/6/12	Canisters Received by:	Date/Time: 7.11.12 1245		
Samples Relinquished by:	Date/Time: 7/11/12	Received by:	Date/Time:		
Relinquished by:	Date/Time: 7.11.12 1355	Received by:	Date/Time:		

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CHEMTECH Project No. : _____

8 of 9 COCs

Client Contact Information	Bottle Order ID : **B1207009**	Courier :	
Client ID : **ATCE02** Project ID :	**Air Front St., Brooklyn**	Sampler Name(s) : JOHN MASCIOLI	
Customer Name : **ATC ASSOCIATES, INC.**	Project Manager : **Matt mankovich**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **104 East 25th Street**	Phone Number : **212-353-8280**		
	Fax Number : **2129798447**		
	Site Details:		
City : **New York**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **10010**	Standard : ~~15 business days~~	Data Package Type :	
Country :	Rush (Specify): 5 **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	Analysis: TO-15				Matrix: Indoor/Ambinet Air	Soil Gas		
Ambient Air	7.11.12	1105	1220	-30	-3.5			-30		10619	10326	6 L	100	VL017230.D	X				X			

Temperature (Fahrenheit)	Ambient	Maximum	Minimum
Start	85	90	75
Stop	85	90	75

Pressure (Inches of Hg)	Ambient	Maximum	Minimum
Start			
Stop			

GC/MS Analyst Signature (TO-15) [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low

PID Readings: 0.0

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 7/6/12	Canisters Received by:	Date/Time: 7.12.12 1245	B1207009 - 7
Samples Relinquished by:	Date/Time: 7/11/12	Received by:	Date/Time:	
Relinquished by:	Date/Time: 7.11.12 1355	Received by:	Date/Time:	

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CHEMTECH Project No. : _____

Client Contact Information	Bottle Order ID : **B1207009**	Courier :	9 of 9 COCs
Client ID : **ATCE02** Project ID : **Air Front St., Brooklyn**		Sampler Name(s) : Jan Mascidh	Analysis / Matrix
Customer Name : **ATC ASSOCIATES, INC.**	Project Manager : **Matt mankovich**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **104 East 25th Street**	Phone Number : **212-353-8280**		
	Fax Number : **2129798447**		
	Site Details:		
City : **New York**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **10010**	Standard : ~~15 business days~~	Data Package Type :	
Country :	Rush (Specify): 5 **Days**	EDD Type :	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
TRIP Blank	7.11.12	NA	NA					-30		10186	10328	6 L	100	VL017272.D	X							

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start	75	80	70	
Stop	75	80	70	

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15) [signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low

PID Readings: NA

Sampling site (State): NY

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 7/6/12	Canisters Received by:	Date/Time: 7.11.12 1245
Samples Relinquished by:	Date/Time: 7.11.12	Received by:	Date/Time:
Relinquished by:	Date/Time: 7.11.12 1355	Received by:	Date/Time:

B1207009 - 8

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-01	SDG No.:	D3344
Lab Sample ID:	D3344-01	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017524.D	1		07/12/12	VL071212

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.54	2.67		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	5.41	16.4		0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.06	0.12	U	0.06	0.05	0.1	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.1	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.07	0.07	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.05	0.1	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	0.79	4.44		0.04	0.05	0.1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.05	0.1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.08	0.61	J	0.04	0.05	0.1	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.05	0.1	ppbv
142-82-5	Heptane	6.53	26.8		0.06	0.05	0.1	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.05	0.1	ppbv
67-64-1	Acetone	140	332	E	0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	2.63	8.19		0.05	0.05	0.1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.05	0.1	ppbv
75-09-2	Methylene Chloride	0.82	2.85		0.05	0.05	0.1	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.05	0.1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	0.79	2.72		0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	4.97	14.7		0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.68	4.28		0.04	0.04	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
67-66-3	Chloroform	1.51	7.37		0.02	0.05	0.1	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.05	0.1	ppbv
71-55-6	1,1,1-Trichloroethane	6.87	37.5		0.04	0.04	0.04	ppbv
109-99-9	Tetrahydrofuran	0.08	0.24	U	0.08	0.05	0.1	ppbv
540-84-1	2,2,4-Trimethylpentane	1.28	5.98		0.04	0.05	0.1	ppbv
71-43-2	Benzene	2.96	9.46		0.04	0.05	0.1	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.05	0.1	ppbv
79-01-6	Trichloroethene	8.66	46.5		0.04	0.04	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.05	0.1	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.05	0.1	ppbv
108-10-1	4-Methyl-2-Pentanone	1.55	6.35		0.06	0.05	0.1	ppbv
108-88-3	Toluene	56.2	211	E	0.05	0.05	0.1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.05	0.1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.05	0.1	ppbv

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-01	SDG No.:	D3344
Lab Sample ID:	D3344-01	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017524.D	1		07/12/12	VL071212

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.05	0.1	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.05	0.1	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.05	0.1	ppbv
127-18-4	Tetrachloroethene	26.8	181	E	0.03	0.03	0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.05	0.1	ppbv
100-41-4	Ethyl Benzene	13.2	57.3		0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	50.2	218	E	0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	16	69.5	E	0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.51	2.17		0.07	0.05	0.1	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.05	0.1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.1	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.1	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	6.18	30.4		0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	20.6	101	E	0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	8.76	43.1		0.08	0.05	0.1	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.05	0.1	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.05	0.1	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.05	0.1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.05	0.1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.05	0.1	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.05	0.1	ppbv
110-54-3	Hexane	4.46	15.7		0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11.1			65 - 135		111%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	765833		6.38				
540-36-3	1,4-Difluorobenzene	2160480		7.93				
3114-55-4	Chlorobenzene-d5	2005620		12.91				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-01DL	SDG No.:	D3344
Lab Sample ID:	D3344-01DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017505.D	10		07/11/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1.2	5.93	D	0.4	0.5	1	ppbv
75-65-0	tert-Butyl alcohol	5.1	15.5	D	1	1	1	ppbv
74-87-3	Chloromethane	0.6	1.24	U	0.6	0.5	1	ppbv
80-62-6	Methyl Methacrylate	1	4.09	U	1	1	1	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	0.7	0.7	0.7	ppbv
74-83-9	Bromomethane	0.3	1.16	U	0.3	0.5	1	ppbv
75-00-3	Chloroethane	0.7	1.85	U	0.7	0.5	1	ppbv
75-69-4	Trichlorofluoromethane	0.4	2.25	U	0.4	0.5	1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.8	U	0.4	0.5	1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	0.4	0.5	1	ppbv
593-60-2	Bromoethene	0.3	1.31	U	0.3	0.5	1	ppbv
142-82-5	Heptane	4.8	19.7	D	0.6	0.5	1	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.5	0.5	1	ppbv
67-64-1	Acetone	266	631	ED	1	1	1	ppbv
75-15-0	Carbon Disulfide	2.4	7.47	D	0.5	0.5	1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.5	0.5	1	ppbv
75-09-2	Methylene Chloride	2.1	7.3	D	0.5	0.5	1	ppbv
107-05-1	Allyl Chloride	0.5	1.57	U	0.5	0.5	1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	0.6	0.5	1	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	0.4	0.5	1	ppbv
110-82-7	Cyclohexane	0.8	2.75	U	0.8	0.5	1	ppbv
78-93-3	2-Butanone	4.4	13.0	D	1	1	1	ppbv
56-23-5	Carbon Tetrachloride	0.6	3.77	D	0.4	0.4	0.4	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	0.6	0.5	1	ppbv
67-66-3	Chloroform	1.4	6.84	D	0.2	0.5	1	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	0.9	0.5	1	ppbv
71-55-6	1,1,1-Trichloroethane	6	32.7	D	0.4	0.4	0.4	ppbv
109-99-9	Tetrahydrofuran	0.8	2.36	U	0.8	0.5	1	ppbv
540-84-1	2,2,4-Trimethylpentane	0.4	1.87	U	0.4	0.5	1	ppbv
71-43-2	Benzene	2.5	7.99	D	0.4	0.5	1	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	0.7	0.5	1	ppbv
79-01-6	Trichloroethene	7.2	38.7	D	0.4	0.4	0.4	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	0.6	0.5	1	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	0.5	0.5	1	ppbv
108-10-1	4-Methyl-2-Pentanone	1	4.1	JD	0.6	0.5	1	ppbv
108-88-3	Toluene	48.1	181	D	0.5	0.5	1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7	3.18	U	0.7	0.5	1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	0.6	0.5	1	ppbv

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-01DL	SDG No.:	D3344
Lab Sample ID:	D3344-01DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017505.D	10		07/11/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	0.8	0.5	1	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	0.5	0.5	1	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	0.7	0.5	1	ppbv
127-18-4	Tetrachloroethene	21.5	145	D	0.3	0.3	0.3	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	0.9	0.5	1	ppbv
100-41-4	Ethyl Benzene	10.4	45.2	D	0.8	0.5	1	ppbv
179601-23-1	m/p-Xylene	43.8	190	D	1.1	1	2	ppbv
95-47-6	o-Xylene	13.6	59.1	D	0.7	0.5	1	ppbv
100-42-5	Styrene	0.7	2.98	U	0.7	0.5	1	ppbv
75-25-2	Bromoform	0.5	5.17	U	0.5	0.5	1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	1	1	1	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	1	1	1	ppbv
108-67-8	1,3,5-Trimethylbenzene	5.8	28.5	D	0.9	0.5	1	ppbv
95-63-6	1,2,4-Trimethylbenzene	19.3	94.9	D	1	1	1	ppbv
622-96-8	4-Ethyltoluene	7	34.4	D	0.8	0.5	1	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	0.8	0.5	1	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	0.6	0.5	1	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	0.7	0.5	1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	0.4	0.5	1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	0.8	0.5	1	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	0.9	0.5	1	ppbv
110-54-3	Hexane	3.5	12.3	D	0.4	0.5	1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11.3			65 - 135		113%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	707255		6.37				
540-36-3	1,4-Difluorobenzene	1930370		7.93				
3114-55-4	Chlorobenzene-d5	1801700		12.91				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-01DL2	SDG No.:	D3344
Lab Sample ID:	D3344-01DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017512.D	40		07/12/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1.6	7.91	U	1.6	2	4	ppbv
75-65-0	tert-Butyl alcohol	7.6	23.0	D	4	4	4	ppbv
74-87-3	Chloromethane	2.4	4.96	U	2.4	2	4	ppbv
80-62-6	Methyl Methacrylate	4	16.4	U	4	4	4	ppbv
75-01-4	Vinyl Chloride	2.8	7.16	U	2.8	2.8	2.8	ppbv
74-83-9	Bromomethane	1.2	4.66	U	1.2	2	4	ppbv
75-00-3	Chloroethane	2.8	7.39	U	2.8	2	4	ppbv
75-69-4	Trichlorofluoromethane	1.6	8.99	U	1.6	2	4	ppbv
76-14-2	Dichlorotetrafluoroethane	1.6	11.2	U	1.6	2	4	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	12.3	U	1.6	2	4	ppbv
593-60-2	Bromoethene	1.2	5.25	U	1.2	2	4	ppbv
142-82-5	Heptane	5.2	21.3	D	2.4	2	4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	2	2	4	ppbv
67-64-1	Acetone	311	738	D	4	4	4	ppbv
75-15-0	Carbon Disulfide	2	6.23	U	2	2	4	ppbv
1634-04-4	Methyl tert-Butyl Ether	2	7.21	U	2	2	4	ppbv
75-09-2	Methylene Chloride	7.6	26.4	D	2	2	4	ppbv
107-05-1	Allyl Chloride	2	6.26	U	2	2	4	ppbv
156-60-5	trans-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
75-34-3	1,1-Dichloroethane	1.6	6.48	U	1.6	2	4	ppbv
110-82-7	Cyclohexane	3.2	11.0	U	3.2	2	4	ppbv
78-93-3	2-Butanone	6.4	18.9	D	4	4	4	ppbv
56-23-5	Carbon Tetrachloride	1.6	10.1	U	1.6	1.6	1.6	ppbv
156-59-2	cis-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
67-66-3	Chloroform	0.8	3.91	U	0.8	2	4	ppbv
123-91-1	1,4-Dioxane	3.6	13.0	U	3.6	2	4	ppbv
71-55-6	1,1,1-Trichloroethane	6.8	37.1	D	1.6	1.6	1.6	ppbv
109-99-9	Tetrahydrofuran	3.2	9.44	U	3.2	2	4	ppbv
540-84-1	2,2,4-Trimethylpentane	1.6	7.47	U	1.6	2	4	ppbv
71-43-2	Benzene	3.2	10.2	JD	1.6	2	4	ppbv
107-06-2	1,2-Dichloroethane	2.8	11.3	U	2.8	2	4	ppbv
79-01-6	Trichloroethene	8.4	45.1	D	1.6	1.6	1.6	ppbv
78-87-5	1,2-Dichloropropane	2.4	11.1	U	2.4	2	4	ppbv
75-27-4	Bromodichloromethane	2	13.4	U	2	2	4	ppbv
108-10-1	4-Methyl-2-Pentanone	2.4	9.84	U	2.4	2	4	ppbv
108-88-3	Toluene	52.4	197	D	2	2	4	ppbv
10061-02-6	t-1,3-Dichloropropene	2.8	12.7	U	2.8	2	4	ppbv
10061-01-5	cis-1,3-Dichloropropene	2.4	10.9	U	2.4	2	4	ppbv

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-01DL2	SDG No.:	D3344
Lab Sample ID:	D3344-01DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017512.D	40		07/12/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	3.2	17.5	U	3.2	2	4	ppbv
124-48-1	Dibromochloromethane	2	17.0	U	2	2	4	ppbv
106-93-4	1,2-Dibromoethane	2.8	21.5	U	2.8	2	4	ppbv
127-18-4	Tetrachloroethene	22.4	151	D	1.2	1.2	1.2	ppbv
108-90-7	Chlorobenzene	3.6	16.6	U	3.6	2	4	ppbv
100-41-4	Ethyl Benzene	11.6	50.4	D	3.2	2	4	ppbv
179601-23-1	m/p-Xylene	47.6	206	D	4.4	4	8	ppbv
95-47-6	o-Xylene	14.8	64.3	D	2.8	2	4	ppbv
100-42-5	Styrene	2.8	11.9	U	2.8	2	4	ppbv
75-25-2	Bromoform	2	20.7	U	2	2	4	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	4	27.5	U	4	4	4	ppbv
95-49-8	2-Chlorotoluene	4	20.7	U	4	4	4	ppbv
108-67-8	1,3,5-Trimethylbenzene	8	39.3	D	3.6	2	4	ppbv
95-63-6	1,2,4-Trimethylbenzene	24	117	D	4	4	4	ppbv
622-96-8	4-Ethyltoluene	7.6	37.4	D	3.2	2	4	ppbv
541-73-1	1,3-Dichlorobenzene	3.2	19.2	U	3.2	2	4	ppbv
106-46-7	1,4-Dichlorobenzene	2.4	14.4	U	2.4	2	4	ppbv
95-50-1	1,2-Dichlorobenzene	2.8	16.8	U	2.8	2	4	ppbv
120-82-1	1,2,4-Trichlorobenzene	1.6	11.9	U	1.6	2	4	ppbv
87-68-3	Hexachloro-1,3-Butadiene	3.2	34.1	U	3.2	2	4	ppbv
106-99-0	1,3-Butadiene	3.6	7.96	U	3.6	2	4	ppbv
110-54-3	Hexane	5.6	19.7	D	1.6	2	4	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.3			65 - 135		103%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	993594		6.37				
540-36-3	1,4-Difluorobenzene	2924430		7.93				
3114-55-4	Chlorobenzene-d5	2431640		12.9				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-02	SDG No.:	D3344
Lab Sample ID:	D3344-02	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017525.D	1		07/12/12	VL071212

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.35	1.73		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	5.05	15.3		0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.06	0.12	U	0.06	0.05	0.1	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.1	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.07	0.07	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.05	0.1	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	0.87	4.89		0.04	0.05	0.1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.05	0.1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.07	0.54	J	0.04	0.05	0.1	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.05	0.1	ppbv
142-82-5	Heptane	6.79	27.8		0.06	0.05	0.1	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.05	0.1	ppbv
67-64-1	Acetone	105	249	E	0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	0.54	1.68		0.05	0.05	0.1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.05	0.1	ppbv
75-09-2	Methylene Chloride	1.17	4.06		0.05	0.05	0.1	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.05	0.1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	0.95	3.27		0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	3.63	10.7		0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.14	0.88		0.04	0.04	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
67-66-3	Chloroform	0.34	1.66		0.02	0.05	0.1	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.05	0.1	ppbv
71-55-6	1,1,1-Trichloroethane	2.92	15.9		0.04	0.04	0.04	ppbv
109-99-9	Tetrahydrofuran	0.08	0.24	U	0.08	0.05	0.1	ppbv
540-84-1	2,2,4-Trimethylpentane	0.91	4.25		0.04	0.05	0.1	ppbv
71-43-2	Benzene	3.46	11.0		0.04	0.05	0.1	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.05	0.1	ppbv
79-01-6	Trichloroethene	4.65	25.0		0.04	0.04	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.05	0.1	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.05	0.1	ppbv
108-10-1	4-Methyl-2-Pentanone	1.08	4.43		0.06	0.05	0.1	ppbv
108-88-3	Toluene	47.5	179	E	0.05	0.05	0.1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.05	0.1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.05	0.1	ppbv

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-02	SDG No.:	D3344
Lab Sample ID:	D3344-02	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017525.D	1		07/12/12	VL071212

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.05	0.1	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.05	0.1	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.05	0.1	ppbv
127-18-4	Tetrachloroethene	30.2	204	E	0.03	0.03	0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.05	0.1	ppbv
100-41-4	Ethyl Benzene	13.1	56.9		0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	48.8	211	E	0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	16.2	70.4	E	0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.59	2.51		0.07	0.05	0.1	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.05	0.1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.1	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.1	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	7.47	36.7		0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	21.5	105	E	0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	9.22	45.3		0.08	0.05	0.1	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.05	0.1	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.05	0.1	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.05	0.1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.05	0.1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.05	0.1	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.05	0.1	ppbv
110-54-3	Hexane	6.46	22.8		0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.4			65 - 135		104%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	922844		6.38				
540-36-3	1,4-Difluorobenzene	2763790		7.93				
3114-55-4	Chlorobenzene-d5	2309930		12.91				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-02DL	SDG No.:	D3344
Lab Sample ID:	D3344-02DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017506.D	10		07/11/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.7	3.46	JD	0.4	0.5	1	ppbv
75-65-0	tert-Butyl alcohol	4.1	12.4	D	1	1	1	ppbv
74-87-3	Chloromethane	0.6	1.24	U	0.6	0.5	1	ppbv
80-62-6	Methyl Methacrylate	1	4.09	U	1	1	1	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	0.7	0.7	0.7	ppbv
74-83-9	Bromomethane	0.3	1.16	U	0.3	0.5	1	ppbv
75-00-3	Chloroethane	0.7	1.85	U	0.7	0.5	1	ppbv
75-69-4	Trichlorofluoromethane	0.8	4.5	JD	0.4	0.5	1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.8	U	0.4	0.5	1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	0.4	0.5	1	ppbv
593-60-2	Bromoethene	0.3	1.31	U	0.3	0.5	1	ppbv
142-82-5	Heptane	5.2	21.3	D	0.6	0.5	1	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.5	0.5	1	ppbv
67-64-1	Acetone	158	375	ED	1	1	1	ppbv
75-15-0	Carbon Disulfide	0.5	1.56	U	0.5	0.5	1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.5	0.5	1	ppbv
75-09-2	Methylene Chloride	2.6	9.03	D	0.5	0.5	1	ppbv
107-05-1	Allyl Chloride	0.5	1.57	U	0.5	0.5	1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	0.6	0.5	1	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	0.4	0.5	1	ppbv
110-82-7	Cyclohexane	0.8	2.75	U	0.8	0.5	1	ppbv
78-93-3	2-Butanone	3.2	9.44	D	1	1	1	ppbv
56-23-5	Carbon Tetrachloride	0.4	2.52	U	0.4	0.4	0.4	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	0.6	0.5	1	ppbv
67-66-3	Chloroform	0.2	0.98	U	0.2	0.5	1	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	0.9	0.5	1	ppbv
71-55-6	1,1,1-Trichloroethane	2.5	13.6	D	0.4	0.4	0.4	ppbv
109-99-9	Tetrahydrofuran	0.8	2.36	U	0.8	0.5	1	ppbv
540-84-1	2,2,4-Trimethylpentane	0.4	1.87	U	0.4	0.5	1	ppbv
71-43-2	Benzene	2.8	8.95	D	0.4	0.5	1	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	0.7	0.5	1	ppbv
79-01-6	Trichloroethene	3.8	20.4	D	0.4	0.4	0.4	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	0.6	0.5	1	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	0.5	0.5	1	ppbv
108-10-1	4-Methyl-2-Pentanone	0.6	2.46	U	0.6	0.5	1	ppbv
108-88-3	Toluene	43.8	165	D	0.5	0.5	1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7	3.18	U	0.7	0.5	1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	0.6	0.5	1	ppbv

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-02DL	SDG No.:	D3344
Lab Sample ID:	D3344-02DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017506.D	10		07/11/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	0.8	0.5	1	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	0.5	0.5	1	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	0.7	0.5	1	ppbv
127-18-4	Tetrachloroethene	25.7	174	D	0.3	0.3	0.3	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	0.9	0.5	1	ppbv
100-41-4	Ethyl Benzene	10.5	45.6	D	0.8	0.5	1	ppbv
179601-23-1	m/p-Xylene	43.2	187	D	1.1	1	2	ppbv
95-47-6	o-Xylene	13.8	59.9	D	0.7	0.5	1	ppbv
100-42-5	Styrene	0.7	2.98	U	0.7	0.5	1	ppbv
75-25-2	Bromoform	0.5	5.17	U	0.5	0.5	1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	1	1	1	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	1	1	1	ppbv
108-67-8	1,3,5-Trimethylbenzene	6.9	33.9	D	0.9	0.5	1	ppbv
95-63-6	1,2,4-Trimethylbenzene	20.2	99.3	D	1	1	1	ppbv
622-96-8	4-Ethyltoluene	7.3	35.9	D	0.8	0.5	1	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	0.8	0.5	1	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	0.6	0.5	1	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	0.7	0.5	1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	0.4	0.5	1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	0.8	0.5	1	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	0.9	0.5	1	ppbv
110-54-3	Hexane	5.1	18.0	D	0.4	0.5	1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.8			65 - 135		108%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	851080		6.37				
540-36-3	1,4-Difluorobenzene	2420080		7.93				
3114-55-4	Chlorobenzene-d5	2139680		12.91				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-02DL2	SDG No.:	D3344
Lab Sample ID:	D3344-02DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017513.D	40		07/12/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1.6	7.91	U	1.6	2	4	ppbv
75-65-0	tert-Butyl alcohol	6.4	19.4	D	4	4	4	ppbv
74-87-3	Chloromethane	2.4	4.96	U	2.4	2	4	ppbv
80-62-6	Methyl Methacrylate	4	16.4	U	4	4	4	ppbv
75-01-4	Vinyl Chloride	2.8	7.16	U	2.8	2.8	2.8	ppbv
74-83-9	Bromomethane	1.2	4.66	U	1.2	2	4	ppbv
75-00-3	Chloroethane	2.8	7.39	U	2.8	2	4	ppbv
75-69-4	Trichlorofluoromethane	1.6	8.99	U	1.6	2	4	ppbv
76-14-2	Dichlorotetrafluoroethane	1.6	11.2	U	1.6	2	4	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	12.3	U	1.6	2	4	ppbv
593-60-2	Bromoethene	1.2	5.25	U	1.2	2	4	ppbv
142-82-5	Heptane	5.2	21.3	D	2.4	2	4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	2	2	4	ppbv
67-64-1	Acetone	198	470	D	4	4	4	ppbv
75-15-0	Carbon Disulfide	2	6.23	U	2	2	4	ppbv
1634-04-4	Methyl tert-Butyl Ether	2	7.21	U	2	2	4	ppbv
75-09-2	Methylene Chloride	2	6.95	U	2	2	4	ppbv
107-05-1	Allyl Chloride	2	6.26	U	2	2	4	ppbv
156-60-5	trans-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
75-34-3	1,1-Dichloroethane	1.6	6.48	U	1.6	2	4	ppbv
110-82-7	Cyclohexane	3.2	11.0	U	3.2	2	4	ppbv
78-93-3	2-Butanone	4	11.8	U	4	4	4	ppbv
56-23-5	Carbon Tetrachloride	1.6	10.1	U	1.6	1.6	1.6	ppbv
156-59-2	cis-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
67-66-3	Chloroform	0.8	3.91	U	0.8	2	4	ppbv
123-91-1	1,4-Dioxane	3.6	13.0	U	3.6	2	4	ppbv
71-55-6	1,1,1-Trichloroethane	2.8	15.3	D	1.6	1.6	1.6	ppbv
109-99-9	Tetrahydrofuran	3.2	9.44	U	3.2	2	4	ppbv
540-84-1	2,2,4-Trimethylpentane	1.6	7.47	U	1.6	2	4	ppbv
71-43-2	Benzene	1.6	5.11	U	1.6	2	4	ppbv
107-06-2	1,2-Dichloroethane	2.8	11.3	U	2.8	2	4	ppbv
79-01-6	Trichloroethene	4.8	25.8	D	1.6	1.6	1.6	ppbv
78-87-5	1,2-Dichloropropane	2.4	11.1	U	2.4	2	4	ppbv
75-27-4	Bromodichloromethane	2	13.4	U	2	2	4	ppbv
108-10-1	4-Methyl-2-Pentanone	2.4	9.84	U	2.4	2	4	ppbv
108-88-3	Toluene	48	180	D	2	2	4	ppbv
10061-02-6	t-1,3-Dichloropropene	2.8	12.7	U	2.8	2	4	ppbv
10061-01-5	cis-1,3-Dichloropropene	2.4	10.9	U	2.4	2	4	ppbv

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-02DL2	SDG No.:	D3344
Lab Sample ID:	D3344-02DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017513.D	40		07/12/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	3.2	17.5	U	3.2	2	4	ppbv
124-48-1	Dibromochloromethane	2	17.0	U	2	2	4	ppbv
106-93-4	1,2-Dibromoethane	2.8	21.5	U	2.8	2	4	ppbv
127-18-4	Tetrachloroethene	28.8	195	D	1.2	1.2	1.2	ppbv
108-90-7	Chlorobenzene	3.6	16.6	U	3.6	2	4	ppbv
100-41-4	Ethyl Benzene	10.4	45.2	D	3.2	2	4	ppbv
179601-23-1	m/p-Xylene	48	208	D	4.4	4	8	ppbv
95-47-6	o-Xylene	14.8	64.3	D	2.8	2	4	ppbv
100-42-5	Styrene	2.8	11.9	U	2.8	2	4	ppbv
75-25-2	Bromoform	2	20.7	U	2	2	4	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	4	27.5	U	4	4	4	ppbv
95-49-8	2-Chlorotoluene	4	20.7	U	4	4	4	ppbv
108-67-8	1,3,5-Trimethylbenzene	8.8	43.3	D	3.6	2	4	ppbv
95-63-6	1,2,4-Trimethylbenzene	27.2	133	D	4	4	4	ppbv
622-96-8	4-Ethyltoluene	7.6	37.4	D	3.2	2	4	ppbv
541-73-1	1,3-Dichlorobenzene	3.2	19.2	U	3.2	2	4	ppbv
106-46-7	1,4-Dichlorobenzene	2.4	14.4	U	2.4	2	4	ppbv
95-50-1	1,2-Dichlorobenzene	2.8	16.8	U	2.8	2	4	ppbv
120-82-1	1,2,4-Trichlorobenzene	1.6	11.9	U	1.6	2	4	ppbv
87-68-3	Hexachloro-1,3-Butadiene	3.2	34.1	U	3.2	2	4	ppbv
106-99-0	1,3-Butadiene	3.6	7.96	U	3.6	2	4	ppbv
110-54-3	Hexane	6.8	24.0	D	1.6	2	4	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135		105%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	836776		6.37				
540-36-3	1,4-Difluorobenzene	2460840		7.93				
3114-55-4	Chlorobenzene-d5	2107400		12.91				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-03	SDG No.:	D3344
Lab Sample ID:	D3344-03	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017514.D	1		07/12/12	vl071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.49	2.42		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	2.54	7.7		0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.14	0.29		0.06	0.05	0.1	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.1	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.07	0.07	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.05	0.1	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	0.63	3.54		0.04	0.05	0.1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.05	0.1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.08	0.61	J	0.04	0.05	0.1	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.05	0.1	ppbv
142-82-5	Heptane	6.6	27.0		0.06	0.05	0.1	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.05	0.1	ppbv
67-64-1	Acetone	38.8	92.2	E	0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	0.37	1.15		0.05	0.05	0.1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.05	0.1	ppbv
75-09-2	Methylene Chloride	0.77	2.68		0.05	0.05	0.1	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.05	0.1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	0.79	2.72		0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	1.21	3.57		0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.37	2.33		0.04	0.04	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
67-66-3	Chloroform	1.33	6.49		0.02	0.05	0.1	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.05	0.1	ppbv
71-55-6	1,1,1-Trichloroethane	4.61	25.2		0.04	0.04	0.04	ppbv
109-99-9	Tetrahydrofuran	0.42	1.24		0.08	0.05	0.1	ppbv
540-84-1	2,2,4-Trimethylpentane	0.04	0.19	U	0.04	0.05	0.1	ppbv
71-43-2	Benzene	3.29	10.5		0.04	0.05	0.1	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.05	0.1	ppbv
79-01-6	Trichloroethene	64.9	348	E	0.04	0.04	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.05	0.1	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.05	0.1	ppbv
108-10-1	4-Methyl-2-Pentanone	1.07	4.39		0.06	0.05	0.1	ppbv
108-88-3	Toluene	52.8	198	E	0.05	0.05	0.1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.05	0.1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.05	0.1	ppbv

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-03	SDG No.:	D3344
Lab Sample ID:	D3344-03	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017514.D	1		07/12/12	vl071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.05	0.1	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.05	0.1	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.05	0.1	ppbv
127-18-4	Tetrachloroethene	27.5	186	E	0.03	0.03	0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.05	0.1	ppbv
100-41-4	Ethyl Benzene	13.6	59.1		0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	50.9	221	E	0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	16.3	70.8	E	0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.56	2.38		0.07	0.05	0.1	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.05	0.1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.1	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.1	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	6.8	33.4		0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	23.2	114	E	0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	10.1	49.6		0.08	0.05	0.1	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.05	0.1	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.36	U	0.06	0.05	0.1	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.05	0.1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.05	0.1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.05	0.1	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.05	0.1	ppbv
110-54-3	Hexane	4.42	15.6		0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.6			65 - 135		106%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	798067		6.37				
540-36-3	1,4-Difluorobenzene	2406040		7.93				
3114-55-4	Chlorobenzene-d5	2066770		12.91				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-03DL	SDG No.:	D3344
Lab Sample ID:	D3344-03DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017507.D	10		07/11/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.4	1.98	U	0.4	0.5	1	ppbv
75-65-0	tert-Butyl alcohol	2.3	6.97	D	1	1	1	ppbv
74-87-3	Chloromethane	0.6	1.24	U	0.6	0.5	1	ppbv
80-62-6	Methyl Methacrylate	1	4.09	U	1	1	1	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	0.7	0.7	0.7	ppbv
74-83-9	Bromomethane	0.3	1.16	U	0.3	0.5	1	ppbv
75-00-3	Chloroethane	0.7	1.85	U	0.7	0.5	1	ppbv
75-69-4	Trichlorofluoromethane	0.4	2.25	U	0.4	0.5	1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.8	U	0.4	0.5	1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	0.4	0.5	1	ppbv
593-60-2	Bromoethene	0.3	1.31	U	0.3	0.5	1	ppbv
142-82-5	Heptane	5.1	20.9	D	0.6	0.5	1	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.5	0.5	1	ppbv
67-64-1	Acetone	41.2	97.9	D	1	1	1	ppbv
75-15-0	Carbon Disulfide	0.5	1.56	U	0.5	0.5	1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.5	0.5	1	ppbv
75-09-2	Methylene Chloride	0.5	1.74	U	0.5	0.5	1	ppbv
107-05-1	Allyl Chloride	0.5	1.57	U	0.5	0.5	1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	0.6	0.5	1	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	0.4	0.5	1	ppbv
110-82-7	Cyclohexane	0.8	2.75	U	0.8	0.5	1	ppbv
78-93-3	2-Butanone	1.4	4.13	D	1	1	1	ppbv
56-23-5	Carbon Tetrachloride	0.4	2.52	U	0.4	0.4	0.4	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	0.6	0.5	1	ppbv
67-66-3	Chloroform	1.2	5.86	D	0.2	0.5	1	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	0.9	0.5	1	ppbv
71-55-6	1,1,1-Trichloroethane	3.9	21.3	D	0.4	0.4	0.4	ppbv
109-99-9	Tetrahydrofuran	0.8	2.36	U	0.8	0.5	1	ppbv
540-84-1	2,2,4-Trimethylpentane	0.4	1.87	U	0.4	0.5	1	ppbv
71-43-2	Benzene	2.8	8.95	D	0.4	0.5	1	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	0.7	0.5	1	ppbv
79-01-6	Trichloroethene	56.2	302	D	0.4	0.4	0.4	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	0.6	0.5	1	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	0.5	0.5	1	ppbv
108-10-1	4-Methyl-2-Pentanone	0.6	2.46	U	0.6	0.5	1	ppbv
108-88-3	Toluene	48.2	181	D	0.5	0.5	1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7	3.18	U	0.7	0.5	1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	0.6	0.5	1	ppbv

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-03DL	SDG No.:	D3344
Lab Sample ID:	D3344-03DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017507.D	10		07/11/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	0.8	0.5	1	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	0.5	0.5	1	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	0.7	0.5	1	ppbv
127-18-4	Tetrachloroethene	23	155	D	0.3	0.3	0.3	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	0.9	0.5	1	ppbv
100-41-4	Ethyl Benzene	11.1	48.2	D	0.8	0.5	1	ppbv
179601-23-1	m/p-Xylene	44.4	192	D	1.1	1	2	ppbv
95-47-6	o-Xylene	13.8	59.9	D	0.7	0.5	1	ppbv
100-42-5	Styrene	0.7	2.98	U	0.7	0.5	1	ppbv
75-25-2	Bromoform	0.5	5.17	U	0.5	0.5	1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	1	1	1	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	1	1	1	ppbv
108-67-8	1,3,5-Trimethylbenzene	6.3	31.0	D	0.9	0.5	1	ppbv
95-63-6	1,2,4-Trimethylbenzene	20.9	102	D	1	1	1	ppbv
622-96-8	4-Ethyltoluene	7.7	37.8	D	0.8	0.5	1	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	0.8	0.5	1	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	0.6	0.5	1	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	0.7	0.5	1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	0.4	0.5	1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	0.8	0.5	1	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	0.9	0.5	1	ppbv
110-54-3	Hexane	3.7	13.0	D	0.4	0.5	1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.6			65 - 135		106%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	874213		6.37				
540-36-3	1,4-Difluorobenzene	2553070		7.93				
3114-55-4	Chlorobenzene-d5	2221800		12.91				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-04	SDG No.:	D3344
Lab Sample ID:	D3344-04	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017526.D	1		07/12/12	VL071212

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.52	2.57		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	6.85	20.8		0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.06	0.12	U	0.06	0.05	0.1	ppbv
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.1	0.1	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.18	U	0.07	0.07	0.07	ppbv
74-83-9	Bromomethane	0.03	0.12	U	0.03	0.05	0.1	ppbv
75-00-3	Chloroethane	0.07	0.18	U	0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	0.38	2.14		0.04	0.05	0.1	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.04	0.05	0.1	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.08	0.61	J	0.04	0.05	0.1	ppbv
593-60-2	Bromoethene	0.03	0.13	U	0.03	0.05	0.1	ppbv
142-82-5	Heptane	6.79	27.8		0.06	0.05	0.1	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.2	U	0.05	0.05	0.1	ppbv
67-64-1	Acetone	139	330	E	0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	0.19	0.59		0.05	0.05	0.1	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.05	0.05	0.1	ppbv
75-09-2	Methylene Chloride	0.72	2.5		0.05	0.05	0.1	ppbv
107-05-1	Allyl Chloride	0.05	0.16	U	0.05	0.05	0.1	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.16	U	0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	0.78	2.68		0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	5.91	17.4		0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.11	0.69		0.04	0.04	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.24	U	0.06	0.05	0.1	ppbv
67-66-3	Chloroform	0.02	0.1	U	0.02	0.05	0.1	ppbv
123-91-1	1,4-Dioxane	0.09	0.32	U	0.09	0.05	0.1	ppbv
71-55-6	1,1,1-Trichloroethane	0.14	0.76		0.04	0.04	0.04	ppbv
109-99-9	Tetrahydrofuran	0.08	0.24	U	0.08	0.05	0.1	ppbv
540-84-1	2,2,4-Trimethylpentane	0.04	0.19	U	0.04	0.05	0.1	ppbv
71-43-2	Benzene	3.05	9.74		0.04	0.05	0.1	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.28	U	0.07	0.05	0.1	ppbv
79-01-6	Trichloroethene	34.4	184	E	0.04	0.04	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.28	U	0.06	0.05	0.1	ppbv
75-27-4	Bromodichloromethane	0.05	0.33	U	0.05	0.05	0.1	ppbv
108-10-1	4-Methyl-2-Pentanone	0.87	3.57		0.06	0.05	0.1	ppbv
108-88-3	Toluene	47.5	179	E	0.05	0.05	0.1	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.32	U	0.07	0.05	0.1	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.27	U	0.06	0.05	0.1	ppbv

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-04	SDG No.:	D3344
Lab Sample ID:	D3344-04	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017526.D	1		07/12/12	VL071212

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.44	U	0.08	0.05	0.1	ppbv
124-48-1	Dibromochloromethane	0.05	0.43	U	0.05	0.05	0.1	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.54	U	0.07	0.05	0.1	ppbv
127-18-4	Tetrachloroethene	19.8	134	E	0.03	0.03	0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.41	U	0.09	0.05	0.1	ppbv
100-41-4	Ethyl Benzene	11.2	48.6		0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	39.6	172	E	0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	12.1	52.6		0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.43	1.83		0.07	0.05	0.1	ppbv
75-25-2	Bromoform	0.05	0.52	U	0.05	0.05	0.1	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.1	0.1	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.1	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	4.08	20.1		0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	13.1	64.4		0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	5.94	29.2		0.08	0.05	0.1	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.48	U	0.08	0.05	0.1	ppbv
106-46-7	1,4-Dichlorobenzene	3.11	18.7		0.06	0.05	0.1	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.42	U	0.07	0.05	0.1	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.3	U	0.04	0.05	0.1	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.85	U	0.08	0.05	0.1	ppbv
106-99-0	1,3-Butadiene	0.09	0.2	U	0.09	0.05	0.1	ppbv
110-54-3	Hexane	4.89	17.2		0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135		102%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	962898		6.38				
540-36-3	1,4-Difluorobenzene	2933620		7.94				
3114-55-4	Chlorobenzene-d5	2399190		12.91				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
Q = indicates LCS control criteria did not meet requirements

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-04DL	SDG No.:	D3344
Lab Sample ID:	D3344-04DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017515.D	40		07/12/12	vl071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1.6	7.91	U	1.6	2	4	ppbv
75-65-0	tert-Butyl alcohol	8	24.2	D	4	4	4	ppbv
74-87-3	Chloromethane	2.4	4.96	U	2.4	2	4	ppbv
80-62-6	Methyl Methacrylate	4	16.4	U	4	4	4	ppbv
75-01-4	Vinyl Chloride	2.8	7.16	U	2.8	2.8	2.8	ppbv
74-83-9	Bromomethane	1.2	4.66	U	1.2	2	4	ppbv
75-00-3	Chloroethane	2.8	7.39	U	2.8	2	4	ppbv
75-69-4	Trichlorofluoromethane	1.6	8.99	U	1.6	2	4	ppbv
76-14-2	Dichlorotetrafluoroethane	1.6	11.2	U	1.6	2	4	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	12.3	U	1.6	2	4	ppbv
593-60-2	Bromoethene	1.2	5.25	U	1.2	2	4	ppbv
142-82-5	Heptane	6	24.6	D	2.4	2	4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	2	2	4	ppbv
67-64-1	Acetone	505	1199	D	4	4	4	ppbv
75-15-0	Carbon Disulfide	2	6.23	U	2	2	4	ppbv
1634-04-4	Methyl tert-Butyl Ether	2	7.21	U	2	2	4	ppbv
75-09-2	Methylene Chloride	2	6.95	U	2	2	4	ppbv
107-05-1	Allyl Chloride	2	6.26	U	2	2	4	ppbv
156-60-5	trans-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
75-34-3	1,1-Dichloroethane	1.6	6.48	U	1.6	2	4	ppbv
110-82-7	Cyclohexane	3.2	11.0	U	3.2	2	4	ppbv
78-93-3	2-Butanone	7.6	22.4	D	4	4	4	ppbv
56-23-5	Carbon Tetrachloride	1.6	10.1	U	1.6	1.6	1.6	ppbv
156-59-2	cis-1,2-Dichloroethene	2.4	9.52	U	2.4	2	4	ppbv
67-66-3	Chloroform	0.8	3.91	U	0.8	2	4	ppbv
123-91-1	1,4-Dioxane	3.6	13.0	U	3.6	2	4	ppbv
71-55-6	1,1,1-Trichloroethane	1.6	8.73	U	1.6	1.6	1.6	ppbv
109-99-9	Tetrahydrofuran	3.2	9.44	U	3.2	2	4	ppbv
540-84-1	2,2,4-Trimethylpentane	1.6	7.47	U	1.6	2	4	ppbv
71-43-2	Benzene	1.6	5.11	U	1.6	2	4	ppbv
107-06-2	1,2-Dichloroethane	2.8	11.3	U	2.8	2	4	ppbv
79-01-6	Trichloroethene	36.4	195	D	1.6	1.6	1.6	ppbv
78-87-5	1,2-Dichloropropane	2.4	11.1	U	2.4	2	4	ppbv
75-27-4	Bromodichloromethane	2	13.4	U	2	2	4	ppbv
108-10-1	4-Methyl-2-Pentanone	2.4	9.84	U	2.4	2	4	ppbv
108-88-3	Toluene	55.2	208	D	2	2	4	ppbv
10061-02-6	t-1,3-Dichloropropene	2.8	12.7	U	2.8	2	4	ppbv
10061-01-5	cis-1,3-Dichloropropene	2.4	10.9	U	2.4	2	4	ppbv

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/11/12
Project:	Air Front St., Brooklyn	Date Received:	07/11/12
Client Sample ID:	SV-04DL	SDG No.:	D3344
Lab Sample ID:	D3344-04DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL017515.D	40		07/12/12	vl071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	3.2	17.5	U	3.2	2	4	ppbv
124-48-1	Dibromochloromethane	2	17.0	U	2	2	4	ppbv
106-93-4	1,2-Dibromoethane	2.8	21.5	U	2.8	2	4	ppbv
127-18-4	Tetrachloroethene	20.4	138	D	1.2	1.2	1.2	ppbv
108-90-7	Chlorobenzene	3.6	16.6	U	3.6	2	4	ppbv
100-41-4	Ethyl Benzene	10.8	46.9	D	3.2	2	4	ppbv
179601-23-1	m/p-Xylene	42	182	D	4.4	4	8	ppbv
95-47-6	o-Xylene	12.4	53.9	D	2.8	2	4	ppbv
100-42-5	Styrene	2.8	11.9	U	2.8	2	4	ppbv
75-25-2	Bromoform	2	20.7	U	2	2	4	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	4	27.5	U	4	4	4	ppbv
95-49-8	2-Chlorotoluene	4	20.7	U	4	4	4	ppbv
108-67-8	1,3,5-Trimethylbenzene	6.8	33.4	D	3.6	2	4	ppbv
95-63-6	1,2,4-Trimethylbenzene	19.6	96.4	D	4	4	4	ppbv
622-96-8	4-Ethyltoluene	5.6	27.5	D	3.2	2	4	ppbv
541-73-1	1,3-Dichlorobenzene	3.2	19.2	U	3.2	2	4	ppbv
106-46-7	1,4-Dichlorobenzene	2.4	14.4	U	2.4	2	4	ppbv
95-50-1	1,2-Dichlorobenzene	2.8	16.8	U	2.8	2	4	ppbv
120-82-1	1,2,4-Trichlorobenzene	1.6	11.9	U	1.6	2	4	ppbv
87-68-3	Hexachloro-1,3-Butadiene	3.2	34.1	U	3.2	2	4	ppbv
106-99-0	1,3-Butadiene	3.6	7.96	U	3.6	2	4	ppbv
110-54-3	Hexane	5.6	19.7	D	1.6	2	4	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135		103%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	928895		6.37				
540-36-3	1,4-Difluorobenzene	2808230		7.93				
3114-55-4	Chlorobenzene-d5	2355270		12.91				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
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