NYC Mayor's Office of Environmental Remediation

NYC Brownfield Cleanup Program

Remedial Investigation Report

DUMBO – 200 WATER STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 14CVCP181K

E-designation OER project number 14EHAN030K

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REMEDIAL INVESTIGATION REPORT

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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 Site 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. 14CVCP181K and OER project number 14EHAN030K). 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 Site.

Jed A. Myers, Ph.D. 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 200 Water Street in the Dumbo section in Brooklyn, New York and is identified as Block 41 and the northern portion of Lot 13 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 10,500-square feet and is bounded by Water Street to the north, the 185 Front Street Site to the south, a five-story residence to the east, and a three-story commercial building to the west. A map of the site boundary is shown in Figure 2. A vacant, 4-story warehouse building occupies the entire Site.

Summary of Proposed Redevelopment Plan

The project consists of a proposed conversion of the existing 4-story warehouse building to a 6-story residential building with cellar. Approximately 30-feet will be demolished from the southern portion of the existing building resulting in an approximate 60-foot open area between the proposed development and the building proposed for development at 177 Front Street. The new building will occupy the remaining portion of the lot with a gross floor area of 43,905 ft^2 and 15 residential apartment units. The maximum height of the building from Water Street will be approximately 80 feet above grade. The cellar will include utility rooms, refuse room, bicycle storage, and telecom room. No subsurface excavation is planned, except for that required to install an elevator and various utilities. A 30-foot patio and landscaped area will be present along the southern portion of the Site. 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 Sanborn maps depicted the Site with an Iron Wheel Barrow factory and two dwellings 1887; and vacant land where the former Iron Wheel Barrow factory was located, and barrel storage in 1904; In 1915, the was depicted as barrel storage. In 1938, the Site is depicted as vacant land and labeled Kirkman and Son Inc. storage of coal and glycerine drums. The Site was depicted with the existing three-story building (185 Front Street) identified as Brillo manufacturing and constructed in 1950 and vacant land on the remainder of that lot. 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). The review of the Sanborn maps identified the surrounding property use as manufacturing including foundry, lead works, and shoe factory; warehouses; brewing company; electric company, smelting; tin plate decorating; residential; stores; and commercial.

The AOCs identified for this site include:

1. Historical manufacturing, and coal and glycerine drum storage;
2. Historic fill in shallow soils; and
3. Reported groundwater volatile organic compound (VOC) contamination 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 four soil borings across the entire project Site, and collected six soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two temporary groundwater monitoring wells throughout the Site and collected two groundwater samples for chemical analysis to evaluate groundwater quality;

4. Installed three soil vapor probes around Site perimeter and collected three 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 below ground surface (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. VOCs were detected in trace levels in two of the three shallow soil samples. TCE was detected in one shallow soil sample at 0.054 mg/Kg, below Unrestricted Use SCOs. No other VOC were detected in any of six soil samples. Four SVOCs including; benzo(a)anthracene (1.1 mg/Kg), benzo(a)pyrene (max of 1.3 mg/Kg), chrysene (1.4 mg/Kg), and indeno(1,2,3-cd)pyrene (5.2 mg/Kg) were detected in two of the three shallow soil samples at concentrations above Unrestricted Use SCOs. Except for chrysene, these SVOCs also exceeded Restricted Residential SCOs. The SVOCs detected were all polyaromatic hydrocarbon compounds (PAHs) typically associated with historic fill material. Metals including, lead was detected in two shallow soil samples at a maximum concentration of 535 mg/Kg. Magnesium was detected in all six soil samples and ranged from 2,410 to 4740 mg/Kg. Mercury (at 0.37 mg/Kg) and zinc (at 217 mg/Kg) were detected in one shallow soil sample each at concentrations above Unrestricted Use SCOs. Of these metals, 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 PCBs or pesticides. Trichloroethene (TCE) was detected in both water samples at concentrations ranging from 7.1 ug/L to 13 ug/L, above 6 NYCRR Part 703.5 Groundwater Quality standards (GQS). PCE was detected at trace concentrations in both wells. No other VOCs were detected. The SVOC, bis(2-Ethyhexyl)Phthalate was detected in one well above GQS at a concentration of 6.3 ug/L. Metals including antimony, iron, manganese, selenium, and sodium were detected above GQS in both wells.

8. Soil vapor samples collected during the RI showed moderate to high levels of several petroleum and chlorinated VOCs. Overall the highest reported concentrations were for acetone (all samples at max of 1247 $\mu g/m^3$), toluene (max of 188 $\mu g/m^3$), and xylene (max. of 279 $\mu g/m^3$). Chlorinated VOCs including 1,1,1-Trichloroethane was detected in all three vapor samples at a maximum concentration of 38.7 $\mu g/m^3$. Carbon tetrachloride was detected in one sample at 0.69 $\mu g/m^3$. Trichloroethene (TCE) was detected in all three soil vapor samples at concentrations ranging from 105 $\mu g/m^3$ to 6072 $\mu g/m^3$. Tetrachloroethene (PCE) was measured at two of the three soil vapor samples at concentration ranging from 33 $\mu g/m^3$ to 539 $\mu g/m^3$. PCE and TCE were detected in all three soil vapor samples above the mitigation/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 enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.24-acre site located at 200 Water Street in the Dumbo section of Brooklyn, New York. A 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 200 Water Street in the Dumbo section in Brooklyn, New York and is identified as Block 41 and the northern portion of Lot 13 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 10,500-square feet and is bounded by the 200 Water Street to the north, the 185 Front Street property to the south, a five-story residence to the east, and a three-story commercial building to the west. A map of the site boundary is shown in Figure 2. A vacant, 4-story warehouse building occupies the entire Site.

1.2 Proposed Redevelopment Plan

The project consists of a proposed conversion of the existing 4-story warehouse building to a 6-story residential building with cellar. Approximately 30-feet will be demolished from the southern portion of the existing building resulting in an approximate 60-foot open area between the proposed development and the building proposed for development at 177 Front Street. The new building will occupy the remaining portion of the lot with a gross floor area of 43,905 ft^2 and 15 residential apartment units. The maximum height of the building from Water Street will be approximately 80 feet above grade. The cellar will include utility rooms, refuse room, bicycle storage, and telecom room. No subsurface excavation is planned, except for that required to install an elevator and various utilities. A 30-foot patio and landscape area will be present along the southern portion of the site. 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	188 Plymouth Street / 205 Water Street	Newly constructed five-story building	Residential
North-Northeast	50 Bridge Street	Six-story residential / commercial building	Mixed Use
East	220 Water Street	Five-story residential building	Residential
South	185 Front Street	Parking lot for Site building	Parking
West	192 Water Street	Four-story commercial building	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 Sanborn maps depicted the Site with an Iron Wheel Barrow factory and two dwellings 1887; and vacant land where the former Iron Wheel Barrow factory was located, and barrel storage in 1904; In 1915, the was depicted as barrel storage. In 1938, the Site is depicted as vacant land and labeled Kirkman and Son Inc. storage of coal and glycerine drums. The Site was depicted with the existing three-story building (185 Front Street) identified as Brillo manufacturing and constructed in 1950 and vacant land on the remainder of that lot. 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). The review of the Sanborn maps identified the surrounding property use as manufacturing including foundry, lead works, and shoe factory; warehouses; brewing company; electric company, smelting; tin plate decorating; residential; stores; and 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 a three-story, vacant, warehouse building on a 10,500 ft^2 lot. The result of the site inspection is summarized below.

- The ground floor consisted of an area of computer storage and containers of household batteries located on the southern portion and routine janitorial cleaning supplies located on a portable cart and a desk in the northwestern portion of the floor. The remainder of the floor consisted of a small, vacant built out office area in the central portion and two bathrooms. The second floor consisted of vacant warehouse space and two bathrooms and the third floor contained window storage in the central portion, an air conditioned telephone equipment room, and vacant warehouse space. The basement of the building contained mechanical equipment, an out-of-service fuel oil fired boiler, and an active natural gas fired boiler in the western portion. Cardno ATC observed four manway

covers located to the east of the aforementioned equipment and boilers. There are two closed in-place 20,000 gallon USTs located in a subterranean vault beneath the area of the manway covers. Cardno ATC observed concrete areas in the eastern and northeastern portions of the basement that are presumed to have been areas where equipment may have been bolted to the concrete floor indicative of possible former operations occurring in the basement. In addition, the basement is accessed by a ramp from Water Street. The rooftop includes stair bulkheads, elevator machine room, and water tower room. Cardno ATC observed several drains throughout the basement and a trench drain located in the southern portion of the basement that are presumed to be connected to the municipal combined sanitary and storm sewer system. No evidence of spill or release at the time of the Site reconnaissance was observed. In addition, Cardno ATC observed a steel grate in the northeastern portion of the building. No other information regarding this grate was provided.

2.4 Areas of Concern

The AOCs identified for this site include:

1. Historical manufacturing, and coal and glycerine drum storage;
2. Historic fill in shallow soils; and
3. Reported groundwater VOC contamination 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 four soil borings across the entire project Site, and collected 12 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two temporary groundwater monitoring wells throughout the Site and collected two groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed three soil vapor probes around Site perimeter and collected three 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 USTs. 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, except for the previously abandoned 20,000 gallon No. 2 fuel oil USTs in the basement of the Site building. 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-08 through SB-11) 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 below concrete floor (bcf), with continuous soil quality field screening performed by a Cardno ATC geoscientist, except for boring locations SB-08 and SB-09. Refusal was encountered on suspect rock at boring location SB-08 at 10 feet bcf and at SB-09 refusal was encountered on a concrete slab at two feet bcf.

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 all four borings.

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 two temporary monitoring wells (TWPs) (MW-4 and MW-5) adjacent to soil boring locations SB-10 and SB-11 and set to intersect the water table. Construction details for each TWP are listed below.

- MW-4 consisted of 28 feet of one (1) inch diameter schedule 40 polyvinyl chloride (PVC) riser and screen (riser from 0-16 feet and screen from 16-28 feet).

- MW-5 consisted of 28 feet of one (1) inch diameter schedule 40 PVC riser and screen (riser from 0-16 feet and screen from 16-28 feet).

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

Survey

Since the 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 18.12 feet bcf in MW-4 and 18.03 feet bcf in MW-5. No light non-aqueous phase liquid (LNAPL) was observed in the two TWPs.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern 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 VOC analyses, 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). There was no sample recovery at boring location SB-09, therefore no sample was collected at this location.

- One soil sample was collected from 2 – 20 feet bcf 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-10 and SB-11, the VOC grab sample was collected from 19.5 to 20 feet bcf and the composite sample from 18-20 feet bcf. Since refusal was encountered at 10 feet bcf in boring SB-08, the VOC grab sample was collected from 9.5-10 feet bcf and the composite sample from 8-10 feet bcf. No sample was collected from 2 – 20 feet bcf at boring SB-09 since refusal was encountered at 2 feet bcf.

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 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.

12 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 shown 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 was 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 shown below.

Soil Vapor Sampling

On July 11, 2012, three soil vapor samples (SV-05 through SV-07) and one ambient air sample were collected for laboratory analyses. The soil vapor sample locations are shown on Figure 5.

The three soil vapor probes were advanced in the within the existing basement of the Site building. Additionally, an ambient or "background" air sample was collected in the parking lot area of 185 Front Street as illustrated on Figure 5.

Each soil vapor probe was installed to a depth of 2 inches beneath the basement concrete floor 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 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 United States Environmental Protection Agency (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 boring SB-11 to a depth of 13 feet bcf.

Hydrogeology

The average depth to groundwater across the site was 18 feet beneath the basement concrete floor and ranged in depth from 18.03 feet bcf at MW-5 to 18.12 feet bcf at MW-4. 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 in shallow soil samples SB-08 (1.5-2 ft.) and SB-11 (1.5-2 ft.) above the corresponding laboratory method detection limit (MDL) and below applicable NYSDEC Subpart 375-6: Remedial Program 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.

A summary of the analytical results for the SVOC analyses of soil samples is presented in Table 2. The SVOCs benzo(a)anthracene (1.1 mg/Kg), benzo(a)pyrene (1.3 mg/Kg), chrysene (1.4 mg/Kg) and indeno(1,2,3-cd)pyrene (0.52 mg/Kg) were detected in two shallow soil samples SB-10 (0-2 ft.) above their corresponding Tack 1 and Track 2 SCOs; benzo(a)pyrene, was detected shallow soil sample SB-11 (0-2 ft.) above the corresponding Track 1 and Track 2 SCOs; and chrysene was detected above it corresponding Residential SCO in shallow soil sample SB-10 (0-2 ft.). No other SVOCs were detected above their applicable Track 1 criteria.

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 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: iron, lead, magnesium, mercury, and zinc. Lead (max. of 535 mg/Kg) was detected at a concentration above its Track 2 SCO in SB-11 (0-2 ft.); above its Track 1 SCO and below its Track 2 SCO, and Eastern USA Soil Background Level in SB-08 (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 (at 0.37 mg/Kg) was detected at a concentration above its Track 1 SCO and below its Track 2 SCO in SB-08 (8-10 ft.). The remaining concentrations of mercury were detected below applicable Track 1 criteria and/or laboratory MDL. Magnesium (ranged from 2410 to 3620 mg/Kg) was measured at concentrations above its Track 2 SCO in both the shallow and deep soil samples at three boring locations (SB-08, SB-10, and SB-11). Zinc was detected at a concentration above its Track 1 SCO and below its Track 2 SCO in SB-11 (0-2 ft.). 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 13 micrograms per liter (ug/L) in MW-4, and 7.1 ug/L in MW-5 which are above its 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. PCE was detected in MW-4 and MW-5 above its corresponding MDL and below its

corresponding NYSDEC Part 703 and TOGS Criteria. 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. Bis(2-ethylhexyl)phthalate was detected above its corresponding NYSDEC Part 703 and TOGS Criteria in MW-4. No other 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, 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.

TCE were detected in each of the soil vapor samples above the NYSDOH Air Guidance Values (AGVs) of 5 ug/m^3. The PCE concentrations exceeded the NYSDOH AGV of 100 µg/m^3 at soil vapor sampling locations SV-06 and SV-07. 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, 1,3,5-trimethylbenzene, 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), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,1-dichloroethane, 2-butanone, 4-ethyltoluene, 4-methyl-2-pentanone, benzene, carbon disulfide, chloroethane, chloromethane, cis 1,2 –dichloroethene, cyclohexane, heptane, m&p xylene, methylene chloride, o-xylene, styrene, hexane, toluene, and trichlorofluromethane were detected at concentrations above the NYSDOH Background Levels but below the EPA Shallow Soil Vapor Values in one (1) 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

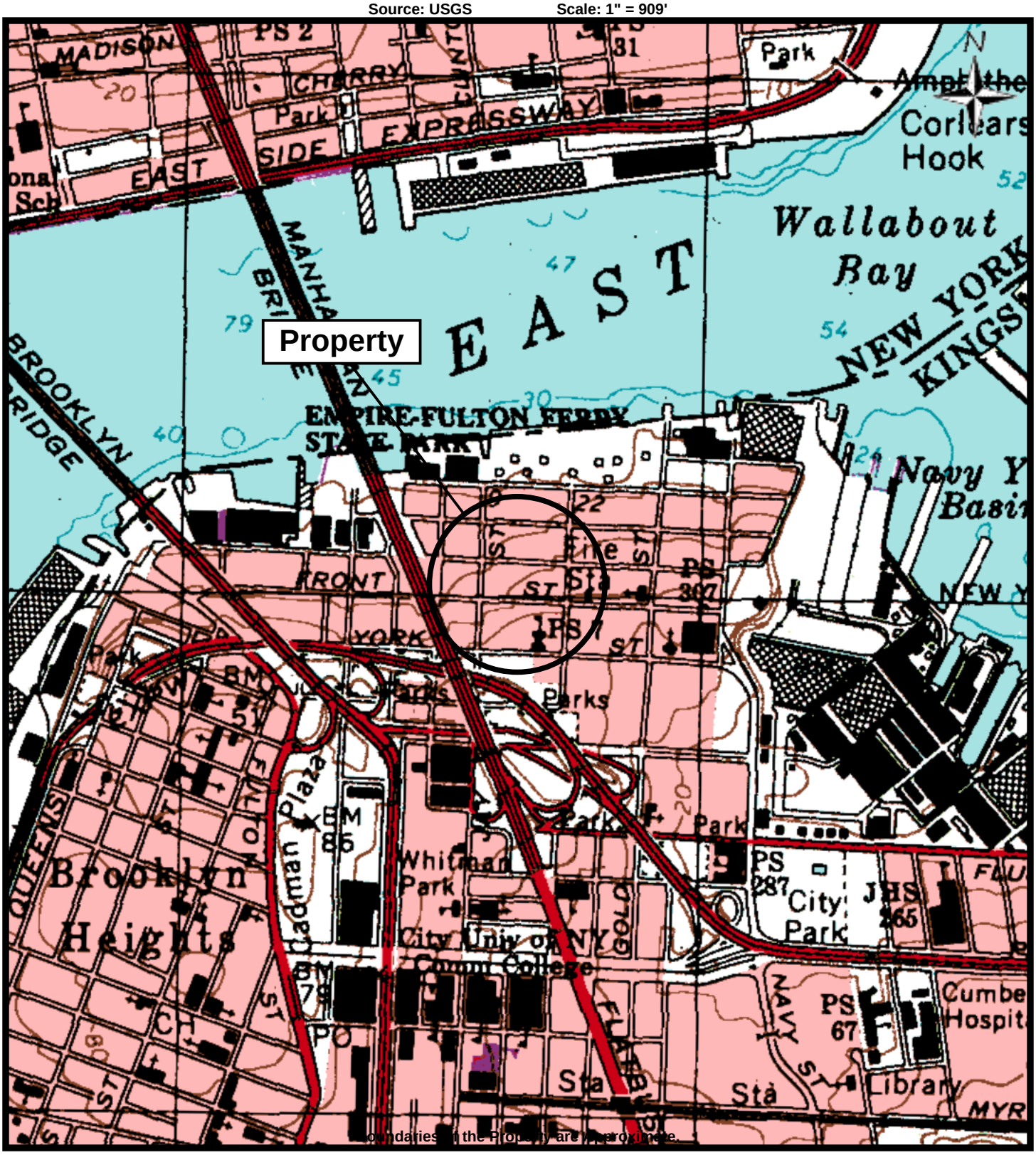
Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

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'



Boundaries of the Property are approximate.

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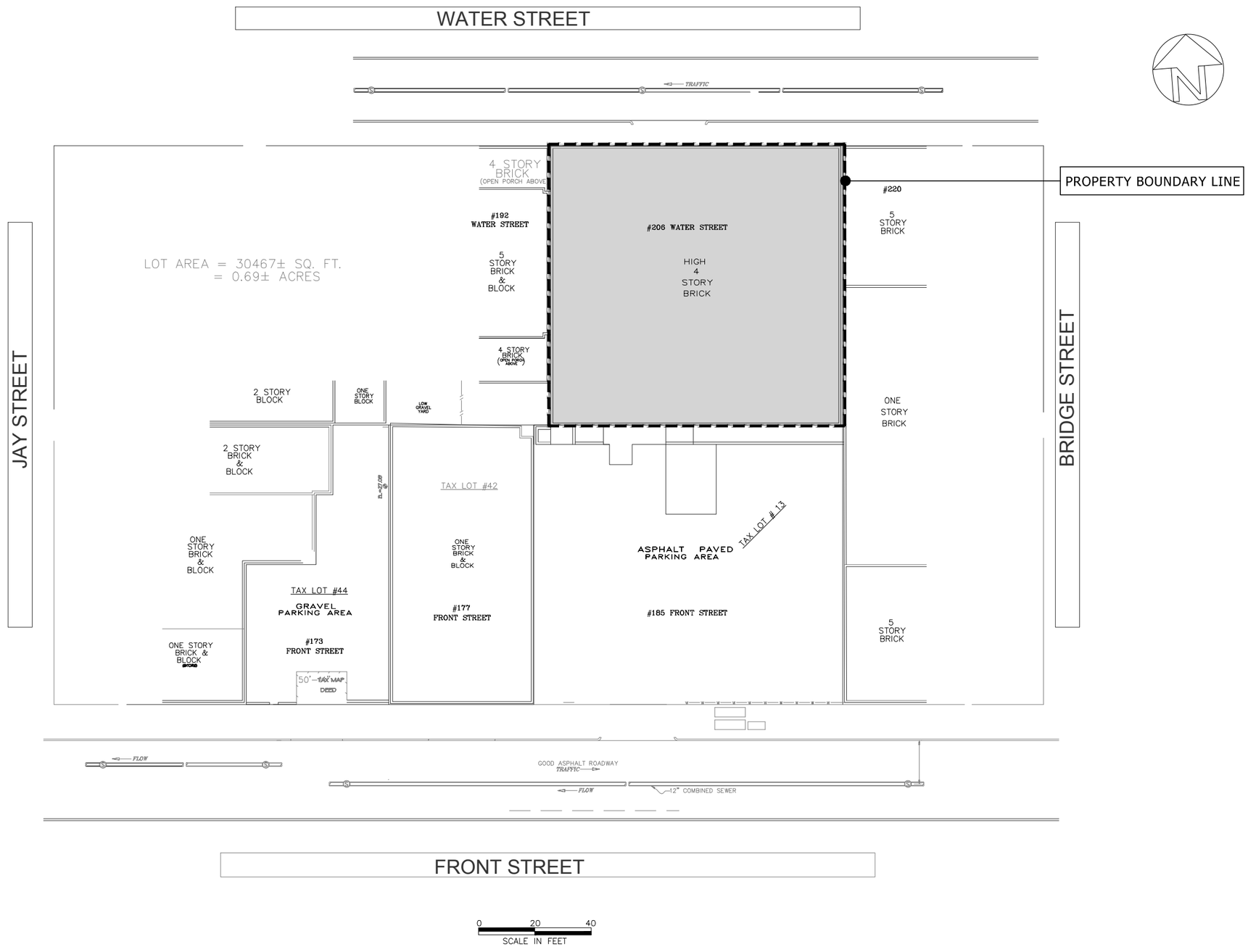
FIGURE 1 - SITE LOCATION MAP
DUMBO ASSEMBLAGE
200 Water Street
Brooklyn, NY 11201

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:
200 WATER 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: 09.03.13
REVISION No. 0

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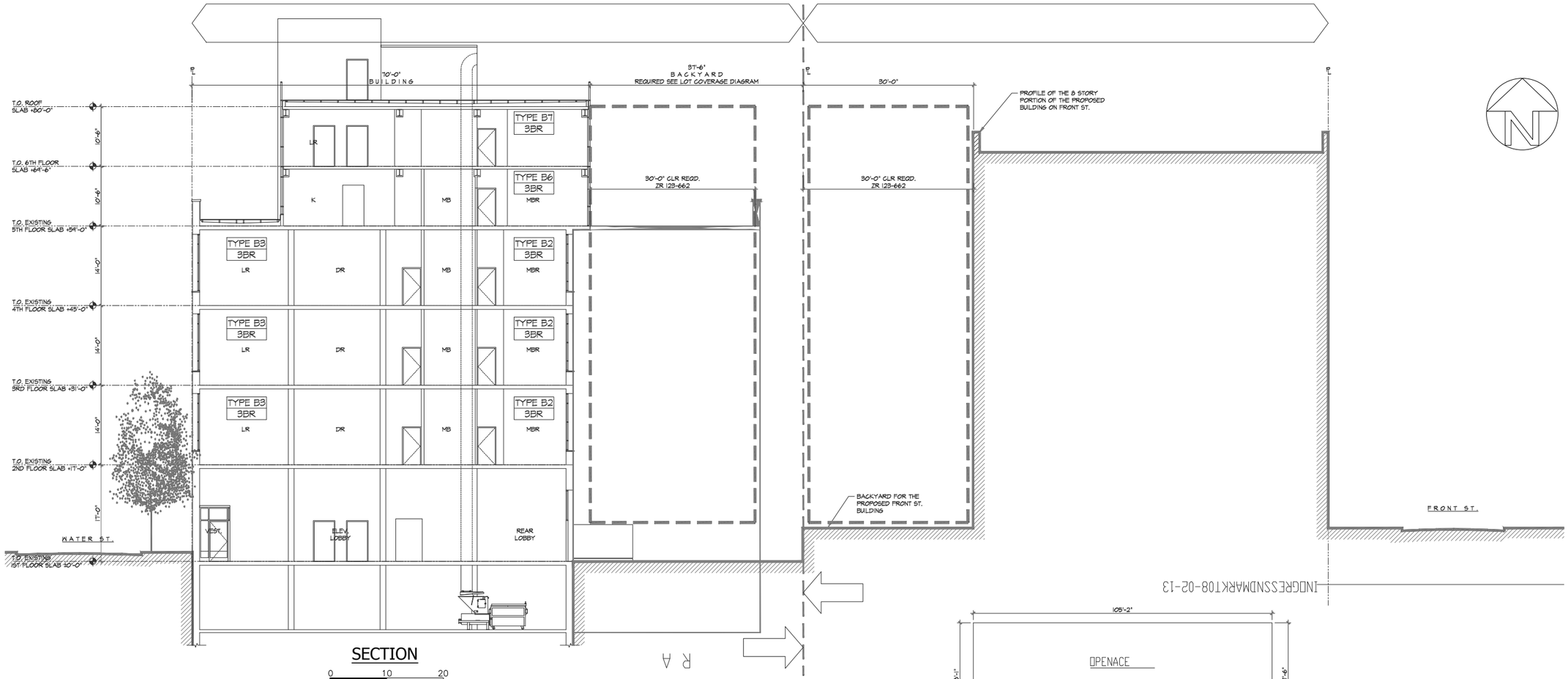
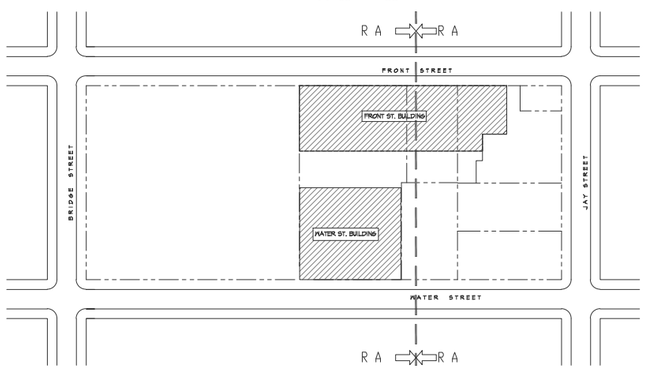


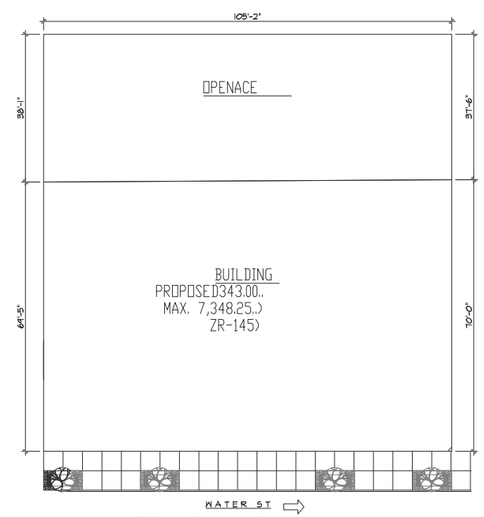
SECTION

0 10 20
SCALE IN FEET



KEYPLAN

NOT TO SCALE



LOT COVERAGE DIAGRAM

NOT TO SCALE

N

INCORRESSUMMARK108-02-13

CLIENT: DUMBO ASSEMBLAGE LLC ADDRESS: 22 CORTLAND STREET 16TH FLOOR NEW YORK, NY 10007	SITE ADDRESS: 200 WATER 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 DEVELOPMENT PLAN SCALE SEE SCALE BAR ATC PROJECT: # 15.44291.0004	DRAWING NO. FIG-3 SHT. OF DATE: 09.03.13 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:

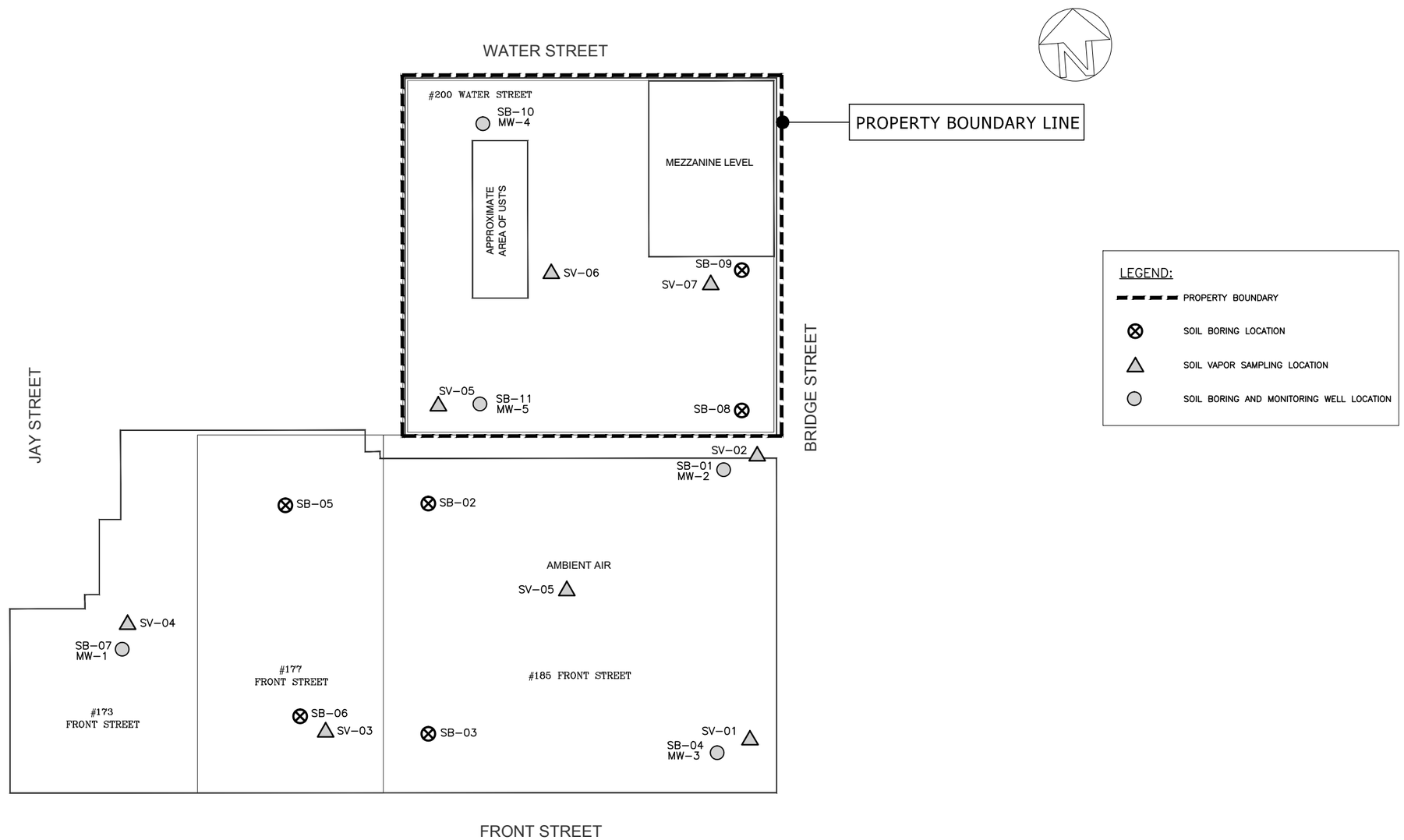
- - - - - Property Boundary (approx.)

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

FIGURE 4 – Site Plan and Surrounding Land Use

Name: Dumbo Assemblage
Address: 200 Water 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:
200 WATER 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: 09.03.13
REVISION No. 0

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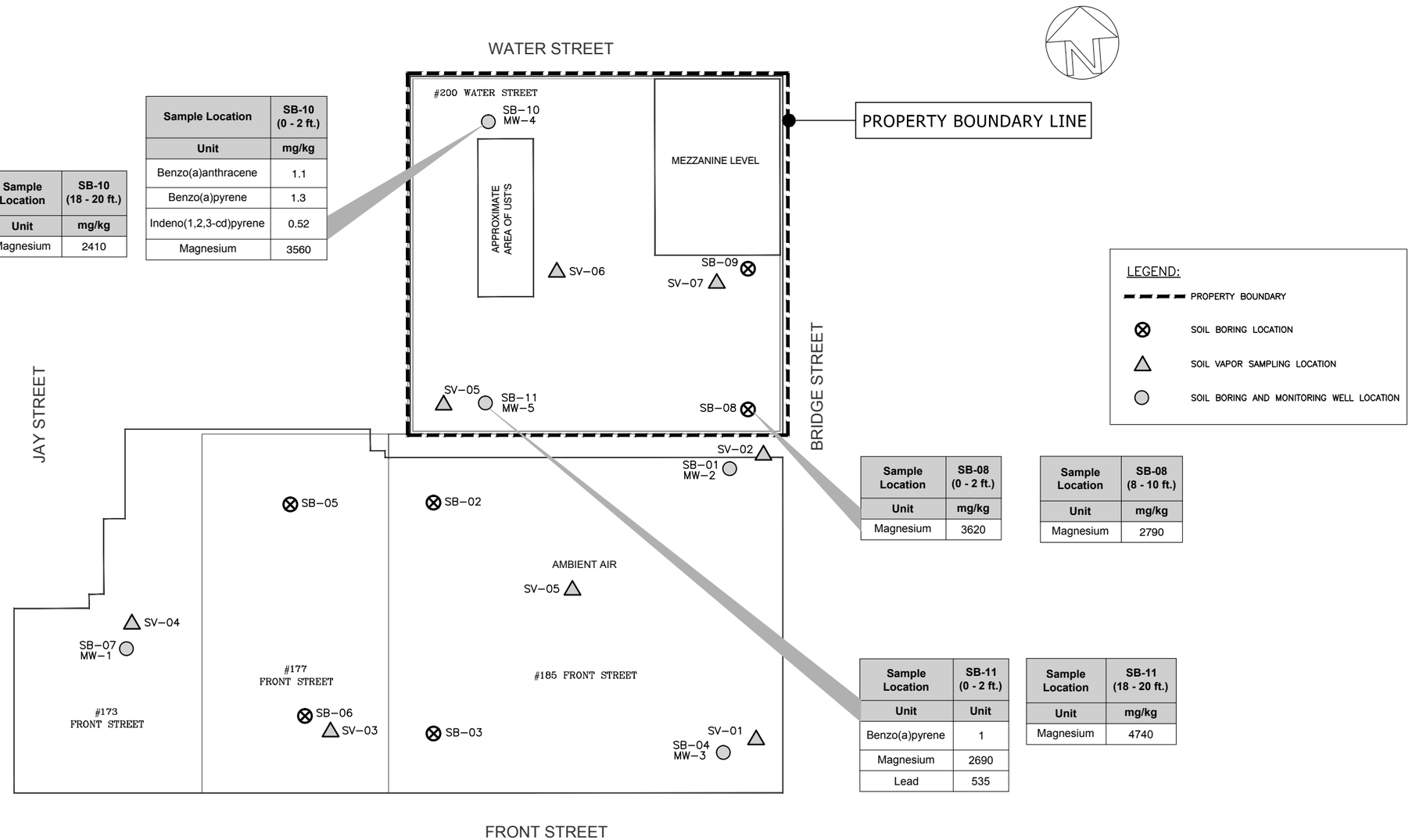

Sample Location	SB-10 (18 - 20 ft.)
Unit	mg/kg
Magnesium	2410

Sample Location	SB-10 (0 - 2 ft.)
Unit	mg/kg
Benzo(a)anthracene	1.1
Benzo(a)pyrene	1.3
Indeno(1,2,3-cd)pyrene	0.52
Magnesium	3560

LEGEND:

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

Sample Location	SB-08 (0 - 2 ft.)
Unit	mg/kg
Magnesium	3620

Sample Location	SB-08 (8 - 10 ft.)
Unit	mg/kg
Magnesium	2790

Sample Location	SB-11 (0 - 2 ft.)
Unit	Unit
Benzo(a)pyrene	1
Magnesium	2690
Lead	535

Sample Location	SB-11 (18 - 20 ft.)
Unit	mg/kg
Magnesium	4740

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

SITE ADDRESS:
200 WATER 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 NYSDEC TRACK 2 SOIL CLEANUP OBJECTIVES

SCALE: SEE SCALE BAR
ATC PROJECT: # 15.44291.0004

DRAWING NO. FIG-6
SHT. OF
DATE: 09.03.13
REVISION No. 0

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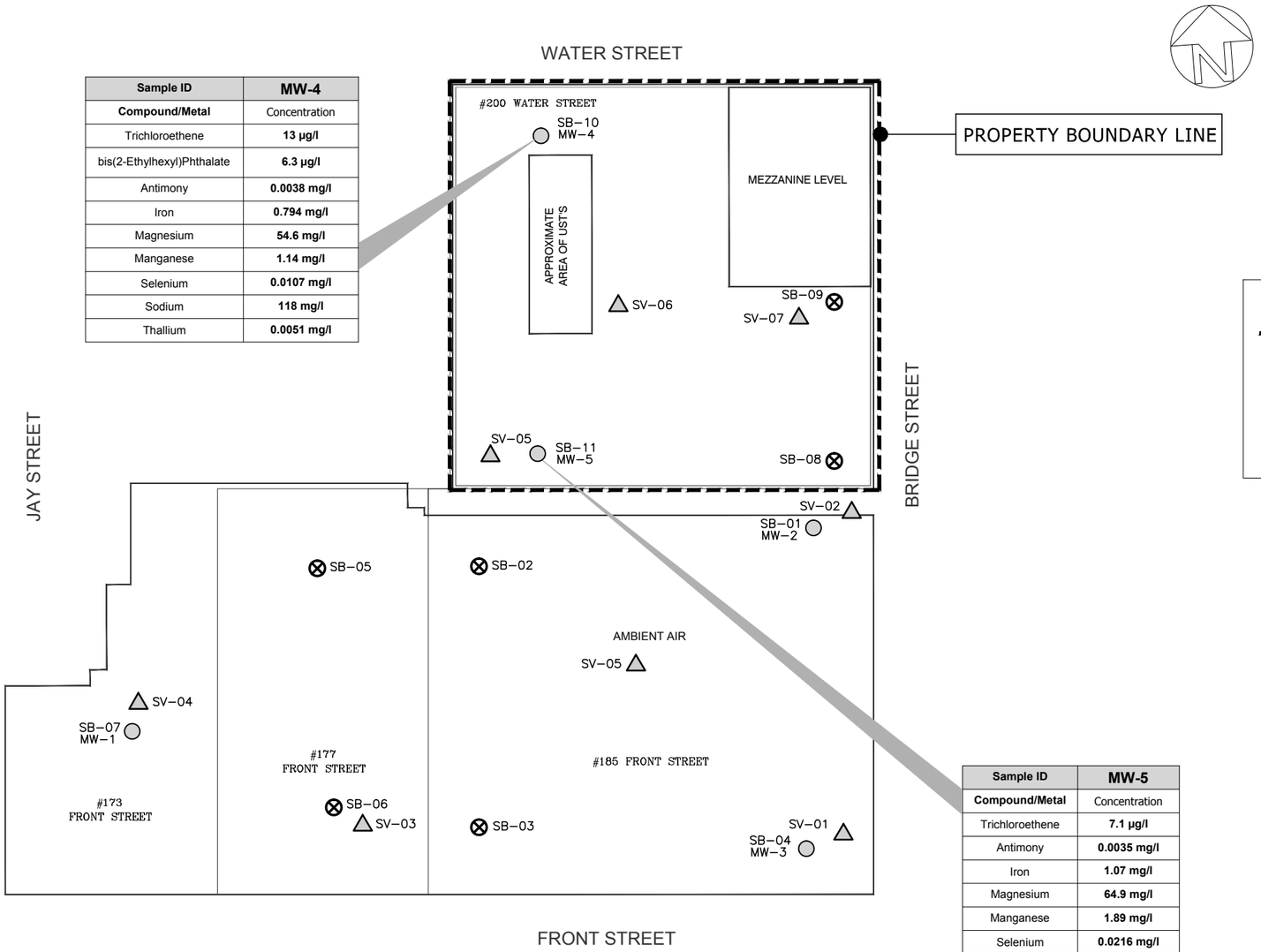

Sample ID	MW-4
Compound/Metal	Concentration
Trichloroethene	13 µg/l
bis(2-Ethylhexyl)Phthalate	6.3 µg/l
Antimony	0.0038 mg/l
Iron	0.794 mg/l
Magnesium	54.6 mg/l
Manganese	1.14 mg/l
Selenium	0.0107 mg/l
Sodium	118 mg/l
Thallium	0.0051 mg/l

Sample ID	MW-5
Compound/Metal	Concentration
Trichloroethene	7.1 µg/l
Antimony	0.0035 mg/l
Iron	1.07 mg/l
Magnesium	64.9 mg/l
Manganese	1.89 mg/l
Selenium	0.0216 mg/l
Sodium	140 mg/l
Thallium	0.0029 mg/l

LEGEND:

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

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

SITE ADDRESS:
200 WATER STREET
BROOKLYN, NY 11201

Cardno ATC
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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 VALUES

SCALE: SEE SCALE BAR
ATC PROJECT: # 15.44291.0004

DRAWING NO. FIG-7
SHT. OF
DATE: 09.03.13
REVISION No. 0

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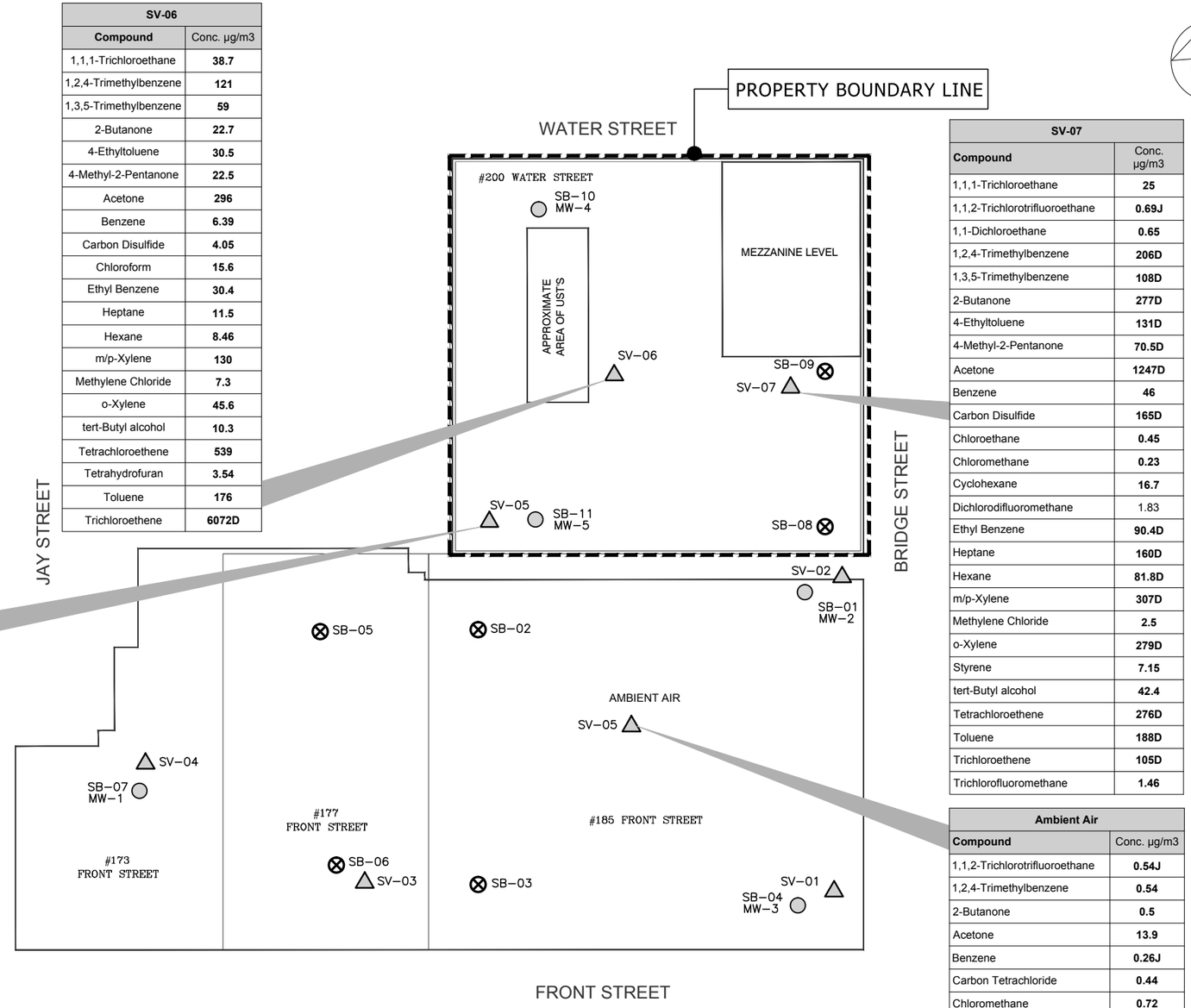
SV - 05	
Compound	Conc. µg/m3
1,1,1-Trichloroethane	**12.2**
1,1,2-Trichlorotrifluoroethane	**0.46J**
1,2,4-Trimethylbenzene	**8.01**
1,2,4-Trichlorobenzene	**59.4D**
1,3,5-Trimethylbenzene	**2.51**
2-Butanone	3.33
4-Ethyltoluene	3.59
4-Methyl-2-Pentanone	6.39
Acetone	189D
Benzene	1.85
Carbon Disulfide	0.47
Carbon Tetrachloride	0.69
Chloroform	6.69
Chloromethane	1.38
cis-1,2-Dichloroethene	0.48
Cyclohexane	0.69
Dichlorodifluoromethane	1.83
Ethyl Benzene	6.34
Heptane	3.85
Hexane	3.81
m/p-Xylene	22.7
Methylene Chloride	3.89
o-Xylene	6.52
Styrene	0,3J
tert-Butyl alcohol	2.18
Tetrachloroethene	33
Toluene	26.6
Trichloroethene	1338D
Trichlorofluoromethane	1.35

SV-06	
Compound	Conc. µg/m3
1,1,1-Trichloroethane	**38.7**
1,2,4-Trimethylbenzene	**121**
1,3,5-Trimethylbenzene	**59**
2-Butanone	**22.7**
4-Ethyltoluene	**30.5**
4-Methyl-2-Pentanone	**22.5**
Acetone	**296**
Benzene	**6.39**
Carbon Disulfide	**4.05**
Chloroform	**15.6**
Ethyl Benzene	**30.4**
Heptane	**11.5**
Hexane	**8.46**
m/p-Xylene	**130**
Methylene Chloride	**7.3**
o-Xylene	**45.6**
tert-Butyl alcohol	**10.3**
Tetrachloroethene	**539**
Tetrahydrofuran	**3.54**
Toluene	**176**
Trichloroethene	**6072D**



SV-07	
Compound	Conc. µg/m3
1,1,1-Trichloroethane	**25**
1,1,2-Trichlorotrifluoroethane	**0.69J**
1,1-Dichloroethane	**0.65**
1,2,4-Trimethylbenzene	**206D**
1,3,5-Trimethylbenzene	**108D**
2-Butanone	**277D**
4-Ethyltoluene	**131D**
4-Methyl-2-Pentanone	**70.5D**
Acetone	**1247D**
Benzene	**46**
Carbon Disulfide	**165D**
Chloroethane	**0.45**
Chloromethane	**0.23**
Cyclohexane	**16.7**
Dichlorodifluoromethane	1.83
Ethyl Benzene	**90.4D**
Heptane	**160D**
Hexane	**81.8D**
m/p-Xylene	**307D**
Methylene Chloride	**2.5**
o-Xylene	**279D**
Styrene	**7.15**
tert-Butyl alcohol	**42.4**
Tetrachloroethene	**276D**
Toluene	**188D**
Trichloroethene	**105D**
Trichlorofluoromethane	**1.46**

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**

LEGEND:

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

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

SITE ADDRESS:
200 WATER 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: 09.03.13
REVISION No. 0

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TABLES

TABLE 1
SUMMARY OF VOCS IN SOIL
DUMBO ASSEMBLAGE LLC
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-08 (1.5-2 ft.)	SB-08 (9.5-10 ft.)	SB-10 (1.5-2 ft.)	SB-10 (19.5-20 ft.)	SB-11 (1.5-2 ft.)	SB-11 (19.5-20 ft.)
Lab Sample ID					D3340-15	D3340-16	D3340-17	D3340-18	D3340-19	D3340-20
Sample Date					7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012
Sample Interval (ft)					1.5 - 2	9.5 - 10	1.5 - 2	19.5 - 20	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	ND	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	0.0016J	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	0.054	ND	ND	ND	0.024	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
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-08 (0-2 ft.)	SB-08 (8-10 ft.)	SB-10 (0-2 ft.)	SB-10 (18-20 ft.)	SB-11 (0-2 ft.)	SB-11 (18-20 ft.)
Lab Sample ID					D3340-15	D3340-16	D3340-17	D3340-18	D3340-19	D3340-20
Sample Date					7/10/2012	7/10/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Sample Interval (ft)					0 - 2	8 - 10	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	0.2J	ND	ND	ND
Acenaphthylene	208-96-8	100	100	NS	ND	ND	ND	ND	ND	ND
Acetophenone	98-86-2	NS	NS	NS	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	100	100	NS	ND	0.26J	0.48	ND	0.32J	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	0.49	1.3	ND	0.89	ND
Benzo(a)anthracene	50-32-8	1	1	NS	ND	0.42	1.1	ND	0.84	ND
Benzo(a)pyrene	205-99-2	1	1	NS	ND	0.51	1.3	ND	1	ND
Benzo(b)fluoranthene	191-24-2	1	1	NS	ND	0.22J	0.55	ND	0.51	ND
Benzo(k)fluoranthene	207-08-9	0.8	3.9	NS	ND	0.26J	0.62	ND	0.44	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	ND	ND	ND	ND
Chrysene	218-01-9	1	3.9	NS	ND	0.53	1.4	ND	0.95	ND
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	NS	ND	ND	ND	ND	ND	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	0.41	0.39	0.38	0.33	0.54	0.38
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	0.25J	1.2	3.1E	ND	2	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	0.21J	0.52	ND	0.43	ND
Isophorone	78-59-1	NS	NS	100	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	12	100	NS	ND	ND	ND	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	0.19J	1.1	2.8	ND	1.4	ND
Phenol	108-95-2	0.33	100	NS	ND	ND	ND	ND	ND	ND
Pyrene	129-00-0	100	100	NS	0.24J	1	2.7	ND	1.8	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 3
SUMMARY OF METALS IN SOIL
DUMBO ASSEMBALAGE LLC
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-08 (0-2 ft.)	SB-08 (8-10 ft.)	SB-10 (0-2 ft.)	SB-10 (18-20 ft.)	SB-11 (0-2 ft.)	SB-11 (18-20 ft.)
Lab Sample ID					D3340-15	D3340-16	D3340-17	D3340-18	D3340-19	D3340-20
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	6150	5010	6460	3840	5710	4540
Antimony	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND
Arsenic	13	16	NS	3 - 12	4.69	7.26	4.59	2.36	12	2.13
Barium	350	400	NS	15 - 600	56.5	88.4	48.9	44.8	121	51.2
Beryllium	7.2	72	NS	0 - 1.75	0.3	0.32	0.45	0.18J	0.42	0.17J
Cadmium	2.5	4.3	NS	0.1-1	0.26J	0.22J	0.24	0.07J	0.49	0.32
Calcium	NS	NS	NS	130 - 35,000	2430	1850	3680	1130	3540	6040
Chromium	30	180	NS	1.5 - 40	14.1	13.2	12.8	9.3	17.1	11.3
Cobalt	NS	NS	30	2.5 - 60	6.97	6.57	7.09	4.47	8.16	5.37
Copper	50	270	NS	1-50	18.6	27.2	22.8	13.8	44.9	13.1
Iron	NS	NS	2,000	2,000 - 55,000	**13900**	**12900**	*12500*	*9950*	*16200*	*11100*
Lead	63	400	NS	200 - 500(+)	15N*	196N*	30.1N*	3.56N*	***535N****	3.8N*
Magnesium	1,600	2,000	NS	100 - 5,000	3620	2790	3560	2410	2690	4740
Manganese	NS	NS	NS	50 - 5,000	309	260	267	224	254	363
Mercury	0.18	0.81	NS	0.001 - 0.2	0.036	0.37	0.102		0.112	
Nickel	30	310	NS	0.5 - 25	19.3	19.2	21.9	12.3	21.3	17
Potassium	NS	NS	NS	8,500 - 43,000	1940	1640	1730	1270	1800	1650
Selenium	3.9	180	NS	NS	ND	ND	ND	ND	ND	ND
Silver	2	180	NS	NS	ND	ND	ND	ND	ND	ND
Sodium	NS	NS	NS	6,000 - 8,000	238	96.7	200	253	61.8	135
Thallium	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND
Vanadium	NS	NS	100	1 - 300	19.9	17.6	16.7	16.3	20.2	16.7
Zinc	109	10,000	NS	50	46.5	*95.4*	48.1	28.3	***217***	31.7

NOTE:
mg/kg - milligram per kilogram (ppm)
ND - Analyte not detected at laboratory method detection limit
J - Estimated Value
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 ASSEMBALAGE LLC
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-08 (0-2 ft.)	SB-08 (8-10 ft.)	SB-10 (0-2 ft.)	SB-10 (18-20 ft.)	SB-11 (0-2 ft.)	SB-11 (18-20 ft.)
Lab Sample ID					D3340-15	D3340-16	D3340-17	D3340-18	D3340-19	D3340-20
Sample Date					7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012
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)
ND - Analyte not detected at laboratory method detection limit
J - Estimated Value
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
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-08 (0-2 ft.)	SB-08 (8-10 ft.)	SB-10 (0-2 ft.)	SB-10 (18-20 ft.)	SB-11 (0-2 ft.)	SB-11 (18-20 ft.)
Lab Sample ID					D3340-15	D3340-16	D3340-17	D3340-18	D3340-19	D3340-20
Sample Date					7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012
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
J - Estimated Value
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
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-4	MW-5
Lab Sample ID			D3356-01	D3356-02
Sample Date			7/12/2012	7/12/2012
Matrix			water	water
Unit			ug/L	ug/L
VOCs				
1,1,1-Trichloroethane	5	5	ND	ND
1,1,2,2-Tetrachloroethane	5	5	ND	ND
1,1,2-Trichloroethane	NS	1	ND	ND
1,1,2-Trichlorotrifluoroethane	5	NS	ND	ND
1,1-Dichloroethane	5	5	ND	ND
1,1-Dichloroethene	5	5	ND	ND
1,2,3-Trichlorobenzene	5	5	ND	ND
1,2,4-Trichlorobenzene	5	5	ND	ND
1,2-Dibromo-3-Chloropropane	0.04	0.04	ND	ND
1,2-Dibromoethane	5	NS	ND	ND
1,2-Dichlorobenzene	3	3	ND	ND
1,2-Dichloroethane	5	0.6	ND	ND
1,2-Dichloropropane	1	1	ND	ND
1,3-Dichlorobenzene	3	3	ND	ND
1,4-Dichlorobenzene	3	3	ND	ND
1,4-Dioxane	NS	NS	ND	ND
2-Butanone (MEK)	NS	50	ND	ND
2-Hexanone	NS	50	ND	ND
4-Methyl-2-Pentanone(MIBK)	NS	NS	ND	ND
Acetone	NS	50	ND	ND
Benzene	1	1	ND	ND
Bromochloromethane	5	5	ND	ND
Bromodichloromethane	5	50	ND	ND
Bromoform	NS	50	ND	ND
Bromomethane	5	5	ND	ND
Carbon Disulfide	60	NS	ND	ND
Carbon Tetrachloride	5	5	ND	ND
Chlorobenzene	5	5	ND	ND
Chloroethane	5	5	ND	ND
Chloroform	7	7	ND	ND
Chloromethane	NS	5	ND	ND
cis-1,2-Dichloroethene	5	5	ND	ND
cis-1,3-Dichloropropene	NS	0.4	ND	ND
Cyclohexane	NS	NS	ND	ND
Dibromochloromethane	5	50	ND	ND
Dichlorodifluoromethane	5	5	ND	ND
Ethylbenzene	5	5	ND	ND
Isopropylbenzene	5	5	ND	ND
M&P-Xylene	NS	5	ND	ND
Methyl-tert butyl ether (MTBE)	NS	10	ND	ND
Methylcyclohexane	NS	NS	ND	ND
Methylene Chloride	5	5	ND	ND
O-Xylene (1,2-Xylene)	5	5	ND	ND
Styrene	5	5	ND	ND
trans-1,3-Dichloropropene	NS	0.4	ND	ND
Tetrachloroethene	5	5	**0.8**	**1.7**
Toluene	5	5	ND	ND
trans-1,2-Dichloroethene	5	5	ND	ND
Trichloroethene	5	5	**13**	**7.1**
Trichlorofluoromethane	5	5	ND	ND
Vinyl Chloride	2	2	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

TABLE 7
SUMMARY OF TCL SVOCS IN GROUNDWATER
DUMBO ASSEMBLAGE LLC
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-4	MW-5
Lab Sample ID			D3356-01	D3356-02
Sample Date			7/12/2012	7/12/2012
Matrix			water	water
Unit			ug/L	ug/L
SVOCs				
1,1-Biphenyl	NS	**5**	ND	ND
1,2,4-Trichlorobenzene	1	5	ND	ND
1,2-Dichlorobenzene	3	3	ND	ND
1,3-Dichlorobenzene	3	3	ND	ND
1,4-Dichlorobenzene	3	3	ND	ND
2,2-oxybis(1-Chloropropane)	NS	NS	ND	ND
2,3,4,6-Tetrachlorophenol	NS	NS	ND	ND
2,4,5-Trichlorophenol	NS	NS	ND	ND
2,4,6-Trichlorophenol	NS	NS	ND	ND
2,4-Dichlorophenol	1	5	ND	ND
2,4-Dimethylphenol	1	50	ND	ND
2,4-Dinitrophenol	1	10	ND	ND
2,4-Dinitrotoluene	5	5	ND	ND
2,6-Dinitrotoluene	5	5	ND	ND
2-Chloronaphthalene	NS	10	ND	ND
2-Chlorophenol	NS	NS	ND	ND
2-Methylnaphthalene	NS	NS	ND	ND
2-Methylphenol	NS	NS	ND	ND
2-Nitroaniline	5	NS	ND	ND
2-Nitrophenol	NS	NS	ND	ND
3,3'-Dichlorobenzidine	5	5	ND	ND
3+4-Methylphenols	NS	NS	ND	ND
3-Nitroaniline	5	5	ND	ND
2-Methyl-4-6-dinitrophenol	NS	NS	ND	ND
4-Bromophenyl Phenyl Ether	NS	NS	ND	ND
4-Chloro-3-Methylphenol	NS	NS	ND	ND
4-Chloroaniline	5	5	ND	ND
4-Chlorophenyl Phenyl Ether	NS	NS	ND	ND
4-Nitroaniline	5	5	ND	ND
4-Nitrophenol	NS	5	ND	ND
4,6-Dinitro-2-methylphenol	NS	NS	ND	ND
Acenaphthene	NS	20	ND	ND
Acenaphthylene	NS	50	ND	ND
Acetophenone	NS	NS	ND	ND
Anthracene	NS	50	ND	ND
Atrazine	7.5	7.5	ND	ND
Benzaldehyde	NS	NS	ND	ND
benzo(a)Anthracene	NS	0.002	ND	ND
benzo(a)Pyrene	ND*	0.002	ND	ND
benzo(b)Fluoranthene	NS	0.002	ND	ND
benzo(g,h,i)Perylene	NS	5	ND	ND
benzo(k)Fluoranthene	NS	0.002	ND	ND
bis(2-Chloroethoxy)Methane	5	5	ND	ND
bis(2-Chloroethyl)Ether	1	1	ND	ND
2,2,'-oxybis (1-Chloropropane)	NS	NS	ND	ND
bis(2-Ethylhexyl)Phthalate	5	5	**6.3**	ND
Butyl Benzyl Phthalate	NS	50	ND	ND
3,4-Methyl Phenol	NS	NS	ND	ND
Caprolactam	NS	NS	ND	ND
Carbazole	NS	NS	ND	ND
Chrysene	NS	0.002	ND	ND
Dibenz(a,h)Anthracene	NS	50	ND	ND
Dibenzofuran	NS	NS	ND	ND
Diethyl Phthalate	NS	50	ND	ND
Dimethyl Phthalate	NS	50	ND	ND
di-n-Butyl Phthalate	NS	50	ND	ND
di-n-Octyl Phthalate	NS	50	ND	ND
Fluoranthene	NS	50	ND	ND
Fluorene	NS	50	ND	ND
Hexachlorobenzene	0.04	0.04	ND	ND
Hexachlorobutadiene	0.5	0.5	ND	ND
Hexachlorocyclopentadiene	5	5	ND	ND
Hexachloroethane	5	5	ND	ND
Indeno(1,2,3-cd)Pyrene	NS	0.002	ND	ND
Isophorene	NS	50	ND	ND
Naphthalene	10	10	ND	ND
Nitrobenzene	0.4	0.4	ND	ND
n-Nitroso-di-n-Propylamine	NS	NS	ND	ND
n-Nitrosodiphenylamine	NS	50	ND	ND
Pentachlorophenol	1	1	ND	ND
Phenanthrene	NS	50	ND	ND
Phenol	1	1	ND	ND
Pyrene	NS	50	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

TABLE 8
SUMMARY OF TAL METALS IN GROUNDWATER
DUMBO ASSEMBLAGE LLC
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-4	MW-4	MW-5	MW-5
Lab Sample ID			D3356-01	D3356-01	D3356-02	D3356-02
Sample Date			7/12/2012	7/12/2012	7/12/2012	7/12/2012
Matrix			water (filtered)	water (unfiltered)	water (filtered)	water (unfiltered)
Unit			mg/L	mg/L	mg/L	mg/L
Metals						
Aluminum	NS	NS	**0.0066**	**2.14**	**0.0067**	**0.297**
Antimony	0.003	0.003	**0.0038**	**0.002**	**0.0035**	**0.0061**
Arsenic	0.025	0.01	**0.0038**	**0.0024**	**0.0032**	**0.0096**
Barium	1	1	**0.0999**	**0.138**	**0.088**	**0.088**
Beryllium	NS	0.003	**0.0006**	**0.00049**	ND	**0.00075**
Cadmium	0.005	0.005	ND	**0.00036**	ND	**0.0007**
Calcium	NS	NS	**140**	**140**	**188**	**184**
Chromium	0.05	0.1	**0.0028**	**0.0181**	**0.0021**	**0.0042**
Cobalt	NS	NS	**0.0013**	**0.0037**	**0.0032**	**0.0029**
Copper	0.2	0.2	**0.0021**	**0.0114**	**0.003**	**0.0035**
Iron	0.3	0.3	**0.794**	**5.28**	**1.07**	**1.64**
Lead	0.025	0.025	**0.0004**	**0.0088**	**0.0067**	**0.0049**
Magnesium	NS	35	**54.6**	**56.3**	**64.9**	**64.2**
Manganese	0.3	0.3	**1.14**	**1.27**	**1.89**	**1.53**
Mercury	0.0007	0.0007	ND	ND	**0.0013**	**ND**
Nickel	0.1	0.1	**0.0075**	**0.0136**	**0.0164**	**0.0109**
Potassium	NS	NS	**18.5**	**19**	**19.7**	**19.2**
Selenium	0.01	0.01	**0.0107**	**0.0147**	**0.0216**	**0.0218**
Silver	0.05	0.05	ND	**0.0017**	ND	ND
Sodium	20	20	**118**	**118**	**140**	**140**
Thallium	NS	0.0005	**0.0051**	**0.0047**	**0.0029**	**0.0084**
Vanadium	NS	0.014	ND	**0.0058**	ND	**0.0063**
Zinc	NS	2	**0.0567**	**0.0388**	**0.0986**	**0.0281**

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
200 WATER STREET
BROOKYN, NEW YORK

Location 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-4	MW-5
Lab Sample ID			D3356-01	D3356-02
Sample Date			7/12/2012	7/12/2012
Matrix			water	water
Unit			ug/L	ug/L
PCBs				
Aroclor 1016	0.09	0.09*	ND	ND
Aroclor 1221	0.09	0.09*	ND	ND
Aroclor 1232	0.09	0.09*	ND	ND
Aroclor 1242	0.09	0.09*	ND	ND
Aroclor 1248	0.09	0.09*	ND	ND
Aroclor 1254	0.09	0.09*	ND	ND
Aroclor 1260	0.09	0.09*	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
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-4	MW-5
Lab Sample ID			D3356-01	D3356-02
Sample Date			7/12/2012	7/12/2012
Matrix			water	water
Unit			ug/L	ug/L
Pesticides				
4,4'-DDD	0.3	0.3	ND	ND
4,4'-DDE	0.2	0.2	ND	ND
4,4'-DDT	0.2	0.2	ND	ND
Aldrin	ND*	NS	ND	ND
alpha-BHC	NS	0.01	ND	ND
alpha-Chlordane	NS	NS	ND	ND
beta-BHC	NS	0.04	ND	ND
delta-BHC	NS	0.04	ND	ND
Dieldrin	0.004	0.001	ND	ND
Endosulfan sulfate	NS	NS	ND	ND
Endosulfan-I	NS	NS	ND	ND
Endosulfan-II	NS	NS	ND	ND
Endrin	ND*	NS	ND	ND
Endrin aldehyde	5	5	ND	ND
Endrin ketone	5	5	ND	ND
gamma-BHC (Lindane)	NS	0.05	ND	ND
gamma-Chlordane	NS	NS	ND	ND
Heptachlor	0.04	0.04	ND	ND
Heptachlor epoxide	0.03	0.03	ND	ND
Methoxychlor	35	35	ND	ND
Toxaphene	0.06	0.06	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
200 WATER STREET
BROOKLYN, NEW YORK

Location 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-05	SV-05DL	SV-06	SV-06DL	SV-07	SV-07DL	Ambient Air
Lab Sample ID										D3344-05	D3344-05DL	D3344-06	D3344-06DL	D3344-07	D3344-07DL	D3344-08
Sample Date										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
Dilution Factor										1	40	10	200	1	40	1
Unit			Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Vapor	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	**12.2**	**15.3D**	**38.7**		**25**	**26.2D**	
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	0.46J				0.69J		0.54J
1,1-Dichloroethane	75-34-3	NA	0.4	NA	<0.7	<0.6	NA	NA	5,000					**0.65**		
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		**59.4D**					
1,2,4-Trimethylbenzene	95-63-6	NA	9.8	0.4	9.5	5.8	NA	NA	61	**8.01**		**121**		**147E**	**206D**	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	**2.51**		**59**		**83.1E**	**108D**	
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							
2-Butanone	78-93-3	NA	16	5.3	12	11.3	NA	NA	10,000	3.33		**22.7**		**201E**	**277D**	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	**3.59**		**30.5**		**122E**	**131D**	
4-Methyl-2-Pentanone	108-10-1	NA	1.9	0.5	NA	NA	NA	NA	800	**6.39**		**22.5**		**68.8E**	**70.5D**	
Acetone	67-64-1	NA	115	30	98.9	43.7	45.8	19.6	3,500	**113E**	**189D**	**296**	**375D**	**325E**	**1247D**	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	**1.85**		**6.39**		**46**	**51.1D**	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	0.47		**4.05**		**140E**	**165D**	
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					**0.45**		
Chloroform	67-66-3	NA	1.2	0.5	1.1	0.6	6.34	0.76	1.1	**6.69**		**15.6**				
Chloromethane	74-87-3	NA	4.2	4.3	3.7	3.7	NA	NA	NA	**1.38**				0.23		0.72
cis-1,2-Dichloroethene	156-59-2	NA	0.4	0.4	<1.9	<1.2	NA	NA	350	**0.48**						
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	0.69				**16.7**	**20.6D**	
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	1.83				1.83		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	**6.34**		**30.4**		**85.1E**	**90.4D**	
Heptane	142-82-5	NA	18	4.5	NA	NA	NA	NA	NA	3.85		11.5		**150E**	**160D**	
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	3.81		**8.46**		**78.2E**	**81.8D**	1.41
m/p-Xylene	179601-23-1	NA	11	1	22.2	12.8	22.2	10	70,000	**22.7**		**130**		**255E**	**307D**	
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	3.89		**7.3**		**2.5**		0.94
o-Xylene	95-47-6	NA	7.1	1.5	7.9	4.6	7.24	3.23	70,000	**6.52**		**45.6**		**210E**	**279D**	
Styrene	100-42-5	NA	1.4	0.5	1.9	1.3	5.13	1.29	10,000	**0.3J**				**7.15**		
tert-Butyl alcohol	75-65-0	NA	NA	NA	NA	NA	NA	NA	NA	2.18		10.3		42.4	49.7D	
Tetrachloroethene	127-18-4	100	2.5	0.7	15.9	6.5	6.01	3.17	8.1	**33**	**35.3D**	**539**	**352D**	**241E**	**276D**	
Tetrahydrofuran	109-99-9	NA	0.8	0.4	NA	NA	NA	NA	NA			**3.54**				
Toluene	108-88-3	NA	57	5.1	43	33.7	39	NA	4,000	**26.6**	**24.1D**	**176**	**90.4D**	**161E**	**188D**	**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	**790E**	**1338D**	**7362E**	**6072D**	**97.3E**	**105D**	
Trichlorofluoromethane	75-69-4	NA	NA	NA	18.1	4.3	NA	NA	7,000	**1.35**				**1.46**		**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.
(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

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:

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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-08**
	ATC Project No.:	015.12440.0062	**Boring Location:** SE Corner Inside Building
	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-08 (0-2') - Composite	0	0-6" Concrete Slab
	SB-08 (1.5-2') - Grab	0	0-10' Brown Fine Sandy Silt
5			
10	SB-08 (8-10') - Composite		
	SB-08 (9.5-10') - Grab		Refusal @ 10' bgs. (top of rock). End of boring @ 10' bgs. This boring was the second location in the SE area of building. First location hit refusal @ 2-3' bgs.
15			
20			
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-09**
	ATC Project No.:	015.12440.0062	**Boring Location:**
	ATC Task No.:	01	Center East Inside Building
Driller: Zebra	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: Not Encountered			**Date:** July 10, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-6" Concrete Slab
			Refusal @ 2' bgs (No Recovery)
5			
10			
15			
20			
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-10**
	ATC Project No.:	015.12440.0062	**Boring Location:** NW Corner Inside Building
	ATC Task No.:	01	
Driller: Zebra	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: ~ 20' bgs			**Date:** July 10, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0	SB-10 (0-2') - Composite	0	0-6" Concrete Slab
	SB-10 (1.5-2') - Grab	0	0-19' Brown Sandy Silt
5			
10			
15			
		0	19-20' Brownish-Red Silty Sand
20	SB-10 (18-20') - Composite		
	SB-10 (19.5-20') - Grab		
			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-11**
	ATC Project No.:	015.12440.0062	**Boring Location:** SW Corner Inside Building
	ATC Task No.:	01	
Driller: Zebra	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: ~ 20' bgs			**Date:** July 10, 2012

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0	SB-11 (0-2') - Composite	0	0-6" Concrete Slab
	SB-11 (1.5-2') - Grab	0	0-13' Brown Sand Silt, Traces of Gravel and Brick (Fill)
5			
10			
		0	13-15' Brown Silt and Clay
15		0	15-19' Brown Sandy Silt
	SB-11 (18-20') - Composite	0	19-20' Brown Silty Sand
20	SB-11 (19.5-20') - Grab		End of Boring @ 20' bgs
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-4**
	ATC Project No.: 015.38242.0024	**Temp. Well Location:**
	ATC Task No.: 01	**Adjacent to SB-07**
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli		
Groundwater: 48.75'		**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-4 was advanced adjacent to SB-07. Lithology and field observations noted to 15' bgs are included in the boring log for SB-07.

Temporary Well Point Construction Details

Total Depth:	60 feet	**Slot Size:**	No. 20
Diameter:	1 inch	**Depth to gw:**	48.75 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-5**
	ATC Project No.: 015.38242.0024	**Temp. Well Location:**
	ATC Task No.: 01	**Adjacent to SB-11**
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli		
Groundwater: 18.03'		**Date:** July 10, 2012

Depth (ft.)	Well Point Construction	Sample Interval	Recovery (ft.)	PID Reading (ppm)
0	RISER			
10				
18 ▼				
20	SCREEN			
25				
30				
35				
40				
45				
50				
60				

Comments and Field Observations

MW-5 was advanced adjacent to SB-11. Lithology and field observations noted to 20' bgs are included in the boring log for SB-11.

Temporary Well Point Construction Details

Total Depth:	28 feet	**Slot Size:**	No. 20
Diameter:	1 inch	**Depth to gw:**	18.03 feet
Riser Interval:	0-18 feet	**Date Installed:**	7/10/12
Screen Interval:	18-28 feet	**Date Abandoned:**	7/13/12

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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	6150		1	0.82	2.44	4.88	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.55	U	1	0.55	1.22	2.44	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	4.69	*	1	0.32	0.49	0.98	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	56.5	*	1	0.39	2.44	4.88	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.3		1	0.06	0.145	0.29	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.26	J	1	0.06	0.145	0.29	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	2430		1	1.04	48.8	97.6	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	14.1		1	0.13	0.245	0.49	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	6.97		1	0.56	0.73	1.46	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	18.6	*	1	0.31	0.49	0.98	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	13900		1	1.3	2.44	4.88	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	15	N*	1	0.12	0.295	0.59	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	3620		1	4.47	48.8	97.6	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	309		1	0.19	0.49	0.98	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.036		1	0.002	0.005	0.01	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	19.3		1	0.45	0.975	1.95	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1940		1	3.42	48.8	97.6	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.4	U	1	0.4	0.49	0.98	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.15	U	1	0.15	0.245	0.49	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	238		1	2.46	48.8	97.6	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.26	U	1	0.26	0.975	1.95	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	19.9		1	0.58	0.975	1.95	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	46.5	*	1	0.68	0.975	1.95	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.06 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
PC009190.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	3.8	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	3.7	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	8.1	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	3.7	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	7.1	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	1.6	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	4.5	U	4.5	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.7		10 - 166		93%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		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.

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

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	7.7 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
PD011846.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	0.11	U	0.11	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	0.11	U	0.11	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	0.22	U	0.22	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	3.7	U	3.7	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.7		10 - 169		84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		31 - 151		87%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	7.7 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
PD011846.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-15RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	7.7 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
PD011929.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	0.11	U	0.11	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	0.11	U	0.11	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	0.22	U	0.22	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	3.7	U	3.7	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.4		10 - 169		82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		31 - 151		99%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-15RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	7.7 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
PD011929.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
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N = Presumptive Evidence of a Compound
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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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.08 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
BF057399.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	19	U	19	180	360	ug/Kg
108-95-2	Phenol	8.3	U	8.3	180	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	17	U	17	180	360	ug/Kg
95-57-8	2-Chlorophenol	19	U	19	180	360	ug/Kg
95-48-7	2-Methylphenol	20	U	20	180	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	15	U	15	180	360	ug/Kg
98-86-2	Acetophenone	11	U	11	180	360	ug/Kg
65794-96-9	3+4-Methylphenols	19	U	19	180	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	18	U	18	180	360	ug/Kg
67-72-1	Hexachloroethane	16	U	16	180	360	ug/Kg
98-95-3	Nitrobenzene	14	U	14	180	360	ug/Kg
78-59-1	Isophorone	12	U	12	180	360	ug/Kg
88-75-5	2-Nitrophenol	17	U	17	180	360	ug/Kg
105-67-9	2,4-Dimethylphenol	20	U	20	180	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	21	U	21	180	360	ug/Kg
120-83-2	2,4-Dichlorophenol	14	U	14	180	360	ug/Kg
91-20-3	Naphthalene	12	U	12	180	360	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	180	360	ug/Kg
87-68-3	Hexachlorobutadiene	13	U	13	180	360	ug/Kg
105-60-2	Caprolactam	17	U	17	180	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	16	U	16	180	360	ug/Kg
91-57-6	2-Methylnaphthalene	9.1	U	9.1	180	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8.8	U	8.8	180	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	11	U	11	180	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	25	U	25	180	360	ug/Kg
92-52-4	1,1-Biphenyl	14	U	14	180	360	ug/Kg
91-58-7	2-Chloronaphthalene	8.2	U	8.2	180	360	ug/Kg
88-74-4	2-Nitroaniline	16	U	16	180	360	ug/Kg
131-11-3	Dimethylphthalate	410		9.8	180	360	ug/Kg
208-96-8	Acenaphthylene	9.1	U	9.1	180	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	15	U	15	180	360	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.08 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
BF057399.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	23	U	23	180	360	ug/Kg
83-32-9	Acenaphthene	10	U	10	180	360	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	180	360	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	180	360	ug/Kg
132-64-9	Dibenzofuran	14	U	14	180	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	11	U	11	180	360	ug/Kg
84-66-2	Diethylphthalate	5.6	U	5.6	180	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	180	360	ug/Kg
86-73-7	Fluorene	14	U	14	180	360	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	180	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	180	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.7	U	8.7	180	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7	U	7	180	360	ug/Kg
118-74-1	Hexachlorobenzene	15	U	15	180	360	ug/Kg
1912-24-9	Atrazine	19	U	19	180	360	ug/Kg
87-86-5	Pentachlorophenol	25	U	25	180	360	ug/Kg
85-01-8	Phenanthrene	190	J	9.8	180	360	ug/Kg
120-12-7	Anthracene	7.4	U	7.4	180	360	ug/Kg
86-74-8	Carbazole	7.9	U	7.9	180	360	ug/Kg
84-74-2	Di-n-butylphthalate	28	U	28	180	360	ug/Kg
206-44-0	Fluoranthene	250	J	7.3	180	360	ug/Kg
129-00-0	Pyrene	240	J	8.7	180	360	ug/Kg
85-68-7	Butylbenzylphthalate	17	UQ	17	180	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	180	360	ug/Kg
56-55-3	Benzo(a)anthracene	17	U	17	180	360	ug/Kg
218-01-9	Chrysene	16	U	16	180	360	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	13	UQ	13	180	360	ug/Kg
117-84-0	Di-n-octyl phthalate	4.1	U	4.1	180	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	12	U	12	180	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	17	U	17	180	360	ug/Kg
50-32-8	Benzo(a)pyrene	7.8	U	7.8	180	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	U	12	180	360	ug/Kg
53-70-3	Dibenz(a,h)anthracene	10	U	10	180	360	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.08 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
BF057399.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	15	U	15	180	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	180	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	180	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103		28 - 127		69%	SPK: 150
13127-88-3	Phenol-d5	112		34 - 127		75%	SPK: 150
4165-60-0	Nitrobenzene-d5	87		31 - 132		87%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.2		39 - 123		91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	96.8		30 - 133		65%	SPK: 150
1718-51-0	Terphenyl-d14	86.5		37 - 115		86%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204797	5.83				
1146-65-2	Naphthalene-d8	742077	7.14				
15067-26-2	Acenaphthene-d10	357451	9.11				
1517-22-2	Phenanthrene-d10	557539	11.19				
1719-03-5	Chrysene-d12	418072	15.36				
1520-96-3	Perylene-d12	383772	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	870	AB			3.81	ug/Kg
	unknown8.43	140	J			8.43	ug/Kg
55045-08-4	Dodecane, 2-methyl-6-propyl-	200	J			11.06	ug/Kg
629-62-9	Pentadecane	110	J			11.72	ug/Kg
31158-91-5	Hexadecanoic acid, 1,1-dimethyleth	96	J			13.51	ug/Kg
53906-83-5	2-[3-Methoxyphenyl]-4H-1-benzopyra	96	J			17.03	ug/Kg
198-55-0	Perylene	75	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	8
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
VF034138.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.7	U	0.7	2.7	5.4	ug/Kg
74-87-3	Chloromethane	0.92	U	0.92	2.7	5.4	ug/Kg
75-01-4	Vinyl Chloride	1.3	U	1.3	2.7	5.4	ug/Kg
74-83-9	Bromomethane	2.6	U	2.6	2.7	5.4	ug/Kg
75-00-3	Chloroethane	1.5	U	1.5	2.7	5.4	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	1.4	2.7	5.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.4	U	1.4	2.7	5.4	ug/Kg
75-35-4	1,1-Dichloroethene	1.6	U	1.6	2.7	5.4	ug/Kg
67-64-1	Acetone	3.2	U	3.2	13.5	27	ug/Kg
75-15-0	Carbon Disulfide	1.1	U	1.1	2.7	5.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1	U	1	2.7	5.4	ug/Kg
79-20-9	Methyl Acetate	1.6	U	1.6	2.7	5.4	ug/Kg
75-09-2	Methylene Chloride	1.5	U	1.5	2.7	5.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.74	U	0.74	2.7	5.4	ug/Kg
75-34-3	1,1-Dichloroethane	1	U	1	2.7	5.4	ug/Kg
110-82-7	Cyclohexane	1.1	U	1.1	2.7	5.4	ug/Kg
78-93-3	2-Butanone	3.3	U	3.3	13.5	27	ug/Kg
56-23-5	Carbon Tetrachloride	1.1	U	1.1	2.7	5.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.95	U	0.95	2.7	5.4	ug/Kg
74-97-5	Bromochloromethane	0.85	U	0.85	2.7	5.4	ug/Kg
67-66-3	Chloroform	0.79	U	0.79	2.7	5.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.94	U	0.94	2.7	5.4	ug/Kg
108-87-2	Methylcyclohexane	1.1	U	1.1	2.7	5.4	ug/Kg
71-43-2	Benzene	0.41	U	0.41	2.7	5.4	ug/Kg
107-06-2	1,2-Dichloroethane	0.69	U	0.69	2.7	5.4	ug/Kg
79-01-6	Trichloroethene	54		0.92	2.7	5.4	ug/Kg
78-87-5	1,2-Dichloropropane	0.28	U	0.28	2.7	5.4	ug/Kg
75-27-4	Bromodichloromethane	0.66	U	0.66	2.7	5.4	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.1	U	3.1	13.5	27	ug/Kg
108-88-3	Toluene	0.69	U	0.69	2.7	5.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.85	U	0.85	2.7	5.4	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	8
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
VF034138.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.77	U	0.77	2.7	5.4	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	2.7	5.4	ug/Kg
591-78-6	2-Hexanone	4.2	U	4.2	13.5	27	ug/Kg
124-48-1	Dibromochloromethane	0.58	U	0.58	2.7	5.4	ug/Kg
106-93-4	1,2-Dibromoethane	0.69	U	0.69	2.7	5.4	ug/Kg
127-18-4	Tetrachloroethene	1.6	J	1.1	2.7	5.4	ug/Kg
108-90-7	Chlorobenzene	0.54	U	0.54	2.7	5.4	ug/Kg
100-41-4	Ethyl Benzene	0.66	U	0.66	2.7	5.4	ug/Kg
179601-23-1	m/p-Xylenes	0.77	U	0.77	5.5	11	ug/Kg
95-47-6	o-Xylene	0.73	U	0.73	2.7	5.4	ug/Kg
100-42-5	Styrene	0.48	U	0.48	2.7	5.4	ug/Kg
75-25-2	Bromoform	0.79	U	0.79	2.7	5.4	ug/Kg
98-82-8	Isopropylbenzene	0.51	U	0.51	2.7	5.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.49	U	0.49	2.7	5.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.4	U	0.4	2.7	5.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.44	U	0.44	2.7	5.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.66	U	0.66	2.7	5.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.93	U	0.93	2.7	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.75	U	0.75	2.7	5.4	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.54	U	0.54	2.7	5.4	ug/Kg
123-91-1	1,4-Dioxane	54	U	54	55	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47		56 - 120		94%	SPK: 50
1868-53-7	Dibromofluoromethane	47.3		57 - 135		95%	SPK: 50
2037-26-5	Toluene-d8	51.4		67 - 123		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.9		33 - 141		114%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	238014	4.34				
540-36-3	1,4-Difluorobenzene	442490	5.08				
3114-55-4	Chlorobenzene-d5	463013	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	237290	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-15	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	8
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
VF034138.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5010		1	0.79	2.345	4.69	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.53	U	1	0.53	1.175	2.35	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	7.26	*	1	0.31	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	88.4	*	1	0.38	2.345	4.69	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.32		1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.22	J	1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	1850		1	1	46.9	93.8	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	13.2		1	0.12	0.235	0.47	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	6.57		1	0.53	0.705	1.41	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	27.2	*	1	0.3	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	12900		1	1.25	2.345	4.69	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	196	N*	1	0.11	0.28	0.56	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	2790		1	4.3	46.9	93.8	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	260		1	0.18	0.47	0.94	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.37		1	0.002	0.006	0.011	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	19.2		1	0.43	0.94	1.88	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1640		1	3.28	46.9	93.8	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.38	U	1	0.38	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	96.7		1	2.36	46.9	93.8	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	17.6		1	0.55	0.94	1.88	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	95.4	*	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 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
PC009191.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	3.8	U	3.8	9.5	19	ug/Kg
11104-28-2	Aroclor-1221	3.7	U	3.7	9.5	19	ug/Kg
11141-16-5	Aroclor-1232	8.2	U	8.2	9.5	19	ug/Kg
53469-21-9	Aroclor-1242	3.7	U	3.7	9.5	19	ug/Kg
12672-29-6	Aroclor-1248	7.2	U	7.2	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	1.6	U	1.6	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	4.5	U	4.5	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.8		10 - 166		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 125		103%	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	8.9 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
PD011847.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	0.95	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	0.16	U	0.16	0.95	1.9	ug/Kg
76-44-8	Heptachlor	0.15	U	0.15	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	0.17	U	0.17	0.95	1.9	ug/Kg
959-98-8	Endosulfan I	0.16	U	0.16	0.95	1.9	ug/Kg
60-57-1	Dieldrin	0.14	U	0.14	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	0.15	U	0.15	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	0.16	U	0.16	0.95	1.9	ug/Kg
50-29-3	4,4-DDT	0.15	U	0.15	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	0.14	U	0.14	0.95	1.9	ug/Kg
7421-93-4	Endrin aldehyde	0.16	U	0.16	0.95	1.9	ug/Kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	0.95	1.9	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	0.95	1.9	ug/Kg
8001-35-2	Toxaphene	3.7	U	3.7	9.5	19	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.3		10 - 169		92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19		31 - 151		95%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	8.9 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
PD011847.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)RE	SDG No.:	D3340
Lab Sample ID:	D3340-16RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	8.9 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
PD011930.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	0.95	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	0.16	U	0.16	0.95	1.9	ug/Kg
76-44-8	Heptachlor	0.15	U	0.15	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	0.17	U	0.17	0.95	1.9	ug/Kg
959-98-8	Endosulfan I	0.16	U	0.16	0.95	1.9	ug/Kg
60-57-1	Dieldrin	0.14	U	0.14	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	0.15	U	0.15	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	0.16	U	0.16	0.95	1.9	ug/Kg
50-29-3	4,4-DDT	0.15	U	0.15	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	0.14	U	0.14	0.95	1.9	ug/Kg
7421-93-4	Endrin aldehyde	0.16	U	0.16	0.95	1.9	ug/Kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	0.95	1.9	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	0.95	1.9	ug/Kg
8001-35-2	Toxaphene	3.7	U	3.7	9.5	19	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.7		10 - 169		99%	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)RE	SDG No.:	D3340
Lab Sample ID:	D3340-16RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	8.9 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
PD011930.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
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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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	30.09 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
BF057401.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	19	U	19	180	360	ug/Kg
108-95-2	Phenol	8.4	U	8.4	180	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	18	U	18	180	360	ug/Kg
95-57-8	2-Chlorophenol	19	U	19	180	360	ug/Kg
95-48-7	2-Methylphenol	20	U	20	180	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	15	U	15	180	360	ug/Kg
98-86-2	Acetophenone	11	U	11	180	360	ug/Kg
65794-96-9	3+4-Methylphenols	19	U	19	180	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	18	U	18	180	360	ug/Kg
67-72-1	Hexachloroethane	16	U	16	180	360	ug/Kg
98-95-3	Nitrobenzene	14	U	14	180	360	ug/Kg
78-59-1	Isophorone	12	U	12	180	360	ug/Kg
88-75-5	2-Nitrophenol	18	U	18	180	360	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	180	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	21	U	21	180	360	ug/Kg
120-83-2	2,4-Dichlorophenol	14	U	14	180	360	ug/Kg
91-20-3	Naphthalene	13	U	13	180	360	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	180	360	ug/Kg
87-68-3	Hexachlorobutadiene	13	U	13	180	360	ug/Kg
105-60-2	Caprolactam	17	U	17	180	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	16	U	16	180	360	ug/Kg
91-57-6	2-Methylnaphthalene	9.2	U	9.2	180	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8.9	U	8.9	180	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	11	U	11	180	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	26	U	26	180	360	ug/Kg
92-52-4	1,1-Biphenyl	14	U	14	180	360	ug/Kg
91-58-7	2-Chloronaphthalene	8.3	U	8.3	180	360	ug/Kg
88-74-4	2-Nitroaniline	16	U	16	180	360	ug/Kg
131-11-3	Dimethylphthalate	390		9.9	180	360	ug/Kg
208-96-8	Acenaphthylene	9.2	U	9.2	180	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	15	U	15	180	360	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	30.09 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
BF057401.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	23	U	23	180	360	ug/Kg
83-32-9	Acenaphthene	10	U	10	180	360	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	180	360	ug/Kg
100-02-7	4-Nitrophenol	68	U	68	180	360	ug/Kg
132-64-9	Dibenzofuran	14	U	14	180	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	11	U	11	180	360	ug/Kg
84-66-2	Diethylphthalate	5.7	U	5.7	180	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	180	360	ug/Kg
86-73-7	Fluorene	14	U	14	180	360	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	180	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	180	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.8	U	8.8	180	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7.1	U	7.1	180	360	ug/Kg
118-74-1	Hexachlorobenzene	15	U	15	180	360	ug/Kg
1912-24-9	Atrazine	19	U	19	180	360	ug/Kg
87-86-5	Pentachlorophenol	25	U	25	180	360	ug/Kg
85-01-8	Phenanthrene	1100		9.9	180	360	ug/Kg
120-12-7	Anthracene	260	J	7.5	180	360	ug/Kg
86-74-8	Carbazole	8	U	8	180	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	180	360	ug/Kg
206-44-0	Fluoranthene	1200		7.3	180	360	ug/Kg
129-00-0	Pyrene	1000		8.8	180	360	ug/Kg
85-68-7	Butylbenzylphthalate	18	UQ	18	180	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	180	360	ug/Kg
56-55-3	Benzo(a)anthracene	490		17	180	360	ug/Kg
218-01-9	Chrysene	530		17	180	360	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	13	UQ	13	180	360	ug/Kg
117-84-0	Di-n-octyl phthalate	4.2	U	4.2	180	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	510		12	180	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	J	17	180	360	ug/Kg
50-32-8	Benzo(a)pyrene	420		7.9	180	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	J	12	180	360	ug/Kg
53-70-3	Dibenz(a,h)anthracene	11	U	11	180	360	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	30.09 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
BF057401.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	220	J	15	180	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	180	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	180	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104		28 - 127		70%	SPK: 150
13127-88-3	Phenol-d5	108		34 - 127		73%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.6		31 - 132		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.4		39 - 123		88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		30 - 133		75%	SPK: 150
1718-51-0	Terphenyl-d14	79.2		37 - 115		79%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209978	5.82				
1146-65-2	Naphthalene-d8	763734	7.14				
15067-26-2	Acenaphthene-d10	361038	9.11				
1517-22-2	Phenanthrene-d10	562259	11.19				
1719-03-5	Chrysene-d12	442872	15.36				
1520-96-3	Perylene-d12	401545	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	790	AB			3.81	ug/Kg
2125-74-8	1-Acetyl-3-amino-4-cyano-3-pyrroli	210	J			8.43	ug/Kg
112-04-9	Silane, trichlorooctadecyl-	150	J			11.06	ug/Kg
244-99-5	5H-Indeno[1,2-b]pyridine	100	J			11.54	ug/Kg
610-48-0	Anthracene, 1-methyl-	130	J			11.96	ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	180	J			12	ug/Kg
832-69-9	Phenanthrene, 1-methyl-	110	J			12.08	ug/Kg
	unknown12.13	240	J			12.13	ug/Kg
779-02-2	Anthracene, 9-methyl-	89	J			12.17	ug/Kg
35465-71-5	2-Phenylnaphthalene	76	J			12.43	ug/Kg
1576-69-8	Phenanthrene, 2,7-dimethyl-	90	J			12.83	ug/Kg
3442-78-2	Pyrene, 2-methyl-	76	J			14.12	ug/Kg
205-82-3	Benzo[j]fluoranthene	300	J			17.51	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	9
Sample Wt/Vol:	30.09 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
BF057401.D	1	07/12/12	07/13/12	PB64228

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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	9
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
VF034139.D	1		07/12/12	VF071212

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	0.94	U	0.94	2.75	5.5	ug/Kg
75-01-4	Vinyl Chloride	1.3	U	1.3	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	1.4	U	1.4	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	U	1	2.75	5.5	ug/Kg
79-20-9	Methyl Acetate	1.6	U	1.6	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	0.75	U	0.75	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	0.97	U	0.97	2.75	5.5	ug/Kg
74-97-5	Bromochloromethane	0.86	U	0.86	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	0.96	U	0.96	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	0.94	U	0.94	2.75	5.5	ug/Kg
78-87-5	1,2-Dichloropropane	0.28	U	0.28	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	0.86	U	0.86	2.75	5.5	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	9
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
VF034139.D	1		07/12/12	VF071212

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	0.98	U	0.98	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	0.74	U	0.74	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	0.52	U	0.52	2.75	5.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.5	2.75	5.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.4	U	0.4	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	0.95	U	0.95	2.75	5.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.76	U	0.76	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	49.8		56 - 120		100%	SPK: 50
1868-53-7	Dibromofluoromethane	47		57 - 135		94%	SPK: 50
2037-26-5	Toluene-d8	50.3		67 - 123		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.2		33 - 141		118%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	238786	4.33				
540-36-3	1,4-Difluorobenzene	442308	5.08				
3114-55-4	Chlorobenzene-d5	474947	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	253298	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-08(8-10)	SDG No.:	D3340
Lab Sample ID:	D3340-16	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	9
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
VF034139.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	6460		1	0.64	1.92	3.84	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.43	U	1	0.43	0.96	1.92	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	4.59	*	1	0.25	0.385	0.77	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	48.9	*	1	0.31	1.92	3.84	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.45		1	0.05	0.115	0.23	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.24		1	0.05	0.115	0.23	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	3680		1	0.82	38.4	76.8	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	12.8		1	0.1	0.19	0.38	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	7.09		1	0.44	0.575	1.15	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	22.8	*	1	0.25	0.385	0.77	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	12500		1	1.02	1.92	3.84	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	30.1	N*	1	0.09	0.23	0.46	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	3560		1	3.52	38.4	76.8	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	267		1	0.15	0.385	0.77	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.102		1	0.002	0.005	0.01	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	21.9		1	0.35	0.77	1.54	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1730		1	2.69	38.4	76.8	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.31	U	1	0.31	0.385	0.77	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.12	U	1	0.12	0.19	0.38	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	200		1	1.93	38.4	76.8	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.21	U	1	0.21	0.77	1.54	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	16.7		1	0.45	0.77	1.54	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	48.1	*	1	0.54	0.77	1.54	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 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
PC009192.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	3.7	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	3.6	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	7.9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	3.6	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	7	U	7	9	18	ug/Kg
11097-69-1	Aroclor-1254	1.6	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	4.4	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18		10 - 166		90%	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	6.3 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
PD011848.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	0.11	U	0.11	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	0.11	U	0.11	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	3.6	U	3.6	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	17.6		10 - 169		88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		31 - 151		91%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	6.3 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
PD011848.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-17RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	6.3 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
PD011931.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	0.11	U	0.11	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	0.11	U	0.11	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	3.6	U	3.6	9	18	ug/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.5		10 - 169		92%	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-17RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	6.3 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
PD011931.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6
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
BF057402.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	175	350	ug/Kg
108-95-2	Phenol	8.2	U	8.2	175	350	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	17	U	17	175	350	ug/Kg
95-57-8	2-Chlorophenol	19	U	19	175	350	ug/Kg
95-48-7	2-Methylphenol	19	U	19	175	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	15	U	15	175	350	ug/Kg
98-86-2	Acetophenone	11	U	11	175	350	ug/Kg
65794-96-9	3+4-Methylphenols	18	U	18	175	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	18	U	18	175	350	ug/Kg
67-72-1	Hexachloroethane	16	U	16	175	350	ug/Kg
98-95-3	Nitrobenzene	13	U	13	175	350	ug/Kg
78-59-1	Isophorone	12	U	12	175	350	ug/Kg
88-75-5	2-Nitrophenol	17	U	17	175	350	ug/Kg
105-67-9	2,4-Dimethylphenol	20	U	20	175	350	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	20	U	20	175	350	ug/Kg
120-83-2	2,4-Dichlorophenol	13	U	13	175	350	ug/Kg
91-20-3	Naphthalene	12	U	12	175	350	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	175	350	ug/Kg
87-68-3	Hexachlorobutadiene	13	U	13	175	350	ug/Kg
105-60-2	Caprolactam	16	U	16	175	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	16	U	16	175	350	ug/Kg
91-57-6	2-Methylnaphthalene	8.9	U	8.9	175	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8.6	U	8.6	175	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	11	U	11	175	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	25	U	25	175	350	ug/Kg
92-52-4	1,1-Biphenyl	13	U	13	175	350	ug/Kg
91-58-7	2-Chloronaphthalene	8.1	U	8.1	175	350	ug/Kg
88-74-4	2-Nitroaniline	16	U	16	175	350	ug/Kg
131-11-3	Dimethylphthalate	380		9.6	175	350	ug/Kg
208-96-8	Acenaphthylene	8.9	U	8.9	175	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	14	U	14	175	350	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6
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
BF057402.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	23	U	23	175	350	ug/Kg
83-32-9	Acenaphthene	200	J	10	175	350	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	175	350	ug/Kg
100-02-7	4-Nitrophenol	66	U	66	175	350	ug/Kg
132-64-9	Dibenzofuran	14	U	14	175	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	11	U	11	175	350	ug/Kg
84-66-2	Diethylphthalate	5.5	U	5.5	175	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	175	350	ug/Kg
86-73-7	Fluorene	160	J	13	175	350	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	175	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	175	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.5	U	8.5	175	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.9	U	6.9	175	350	ug/Kg
118-74-1	Hexachlorobenzene	14	U	14	175	350	ug/Kg
1912-24-9	Atrazine	19	U	19	175	350	ug/Kg
87-86-5	Pentachlorophenol	24	U	24	175	350	ug/Kg
85-01-8	Phenanthrene	2800		9.6	175	350	ug/Kg
120-12-7	Anthracene	480		7.2	175	350	ug/Kg
86-74-8	Carbazole	7.8	U	7.8	175	350	ug/Kg
84-74-2	Di-n-butylphthalate	28	U	28	175	350	ug/Kg
206-44-0	Fluoranthene	3100	E	7.1	175	350	ug/Kg
129-00-0	Pyrene	2700		8.5	175	350	ug/Kg
85-68-7	Butylbenzylphthalate	17	UQ	17	175	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	175	350	ug/Kg
56-55-3	Benzo(a)anthracene	1300		17	175	350	ug/Kg
218-01-9	Chrysene	1400		16	175	350	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	13	UQ	13	175	350	ug/Kg
117-84-0	Di-n-octyl phthalate	4	U	4	175	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		12	175	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	620		17	175	350	ug/Kg
50-32-8	Benzo(a)pyrene	1100		7.6	175	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520		12	175	350	ug/Kg
53-70-3	Dibenz(a,h)anthracene	10	U	10	175	350	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6
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
BF057402.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	550		14	175	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	175	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	175	350	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124		28 - 127		83%	SPK: 150
13127-88-3	Phenol-d5	128		34 - 127		85%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.8		31 - 132		99%	SPK: 100
321-60-8	2-Fluorobiphenyl	104		39 - 123		104%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		30 - 133		91%	SPK: 150
1718-51-0	Terphenyl-d14	96.3		37 - 115		96%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203080	5.83				
1146-65-2	Naphthalene-d8	716169	7.14				
15067-26-2	Acenaphthene-d10	344781	9.11				
1517-22-2	Phenanthrene-d10	528048	11.19				
1719-03-5	Chrysene-d12	412378	15.36				
1520-96-3	Perylene-d12	394654	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	920	AB			3.81	ug/Kg
7320-53-8	Dibenzofuran, 4-methyl-	140	J			10.06	ug/Kg
4460-86-0	Benzaldehyde, 2,4,5-trimethoxy-	130	J			10.82	ug/Kg
486-25-9	9H-Fluoren-9-one	150	J			10.89	ug/Kg
	unknown10.98	180	J			10.98	ug/Kg
132-65-0	Dibenzothiophene	150	J			11.03	ug/Kg
7225-66-3	Tridecane, 7-hexyl-	220	J			11.06	ug/Kg
832-69-9	Phenanthrene, 1-methyl-	390	J			11.96	ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	560	J			12	ug/Kg
949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	240	J			12.08	ug/Kg
203-64-5	4H-Cyclopenta[def]phenanthrene	560	J			12.13	ug/Kg
779-02-2	Anthracene, 9-methyl-	260	J			12.17	ug/Kg
612-94-2	Naphthalene, 2-phenyl-	430	J			12.43	ug/Kg
483-87-4	Phenanthrene, 1,7-dimethyl-	240	J			12.83	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6
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
BF057402.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
3442-78-2	Pyrene, 2-methyl-	110	J			14.13	ug/Kg
7614-21-3	Hexadeca-2,6,10,14-tetraen-1-ol, 3	120	J			16.91	ug/Kg
198-55-0	Perylene	200	J			17.2	ug/Kg
192-97-2	Benzo[e]pyrene	740	J			17.52	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-17DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6
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
BF057430.D	2	07/12/12	07/14/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	37	UD	37	350	700	ug/Kg
108-95-2	Phenol	16	UD	16	350	700	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	34	UD	34	350	700	ug/Kg
95-57-8	2-Chlorophenol	37	UD	37	350	700	ug/Kg
95-48-7	2-Methylphenol	38	UD	38	350	700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	UD	29	350	700	ug/Kg
98-86-2	Acetophenone	22	UD	22	350	700	ug/Kg
65794-96-9	3+4-Methylphenols	37	UD	37	350	700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	UD	36	350	700	ug/Kg
67-72-1	Hexachloroethane	32	UD	32	350	700	ug/Kg
98-95-3	Nitrobenzene	27	UD	27	350	700	ug/Kg
78-59-1	Isophorone	23	UD	23	350	700	ug/Kg
88-75-5	2-Nitrophenol	34	UD	34	350	700	ug/Kg
105-67-9	2,4-Dimethylphenol	40	UD	40	350	700	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	41	UD	41	350	700	ug/Kg
120-83-2	2,4-Dichlorophenol	27	UD	27	350	700	ug/Kg
91-20-3	Naphthalene	24	UD	24	350	700	ug/Kg
106-47-8	4-Chloroaniline	50	UD	50	350	700	ug/Kg
87-68-3	Hexachlorobutadiene	26	UD	26	350	700	ug/Kg
105-60-2	Caprolactam	33	UD	33	350	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	UD	31	350	700	ug/Kg
91-57-6	2-Methylnaphthalene	18	UD	18	350	700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	17	UD	17	350	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22	UD	22	350	700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	UD	50	350	700	ug/Kg
92-52-4	1,1-Biphenyl	27	UD	27	350	700	ug/Kg
91-58-7	2-Chloronaphthalene	16	UD	16	350	700	ug/Kg
88-74-4	2-Nitroaniline	31	UD	31	350	700	ug/Kg
131-11-3	Dimethylphthalate	340	JD	19	350	700	ug/Kg
208-96-8	Acenaphthylene	18	UD	18	350	700	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	UD	29	350	700	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-17DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6
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
BF057430.D	2	07/12/12	07/14/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	45	UD	45	350	700	ug/Kg
83-32-9	Acenaphthene	20	UD	20	350	700	ug/Kg
51-28-5	2,4-Dinitrophenol	72	UD	72	350	700	ug/Kg
100-02-7	4-Nitrophenol	130	UD	130	350	700	ug/Kg
132-64-9	Dibenzofuran	28	UD	28	350	700	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	UD	21	350	700	ug/Kg
84-66-2	Diethylphthalate	11	UD	11	350	700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38	UD	38	350	700	ug/Kg
86-73-7	Fluorene	27	UD	27	350	700	ug/Kg
100-01-6	4-Nitroaniline	92	UD	92	350	700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	UD	41	350	700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	17	UD	17	350	700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	14	UD	14	350	700	ug/Kg
118-74-1	Hexachlorobenzene	29	UD	29	350	700	ug/Kg
1912-24-9	Atrazine	37	UD	37	350	700	ug/Kg
87-86-5	Pentachlorophenol	48	UD	48	350	700	ug/Kg
85-01-8	Phenanthrene	3000	D	19	350	700	ug/Kg
120-12-7	Anthracene	470	JD	14	350	700	ug/Kg
86-74-8	Carbazole	16	UD	16	350	700	ug/Kg
84-74-2	Di-n-butylphthalate	56	UD	56	350	700	ug/Kg
206-44-0	Fluoranthene	3300	D	14	350	700	ug/Kg
129-00-0	Pyrene	2800	D	17	350	700	ug/Kg
85-68-7	Butylbenzylphthalate	34	UDQ	34	350	700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	45	UD	45	350	700	ug/Kg
56-55-3	Benzo(a)anthracene	1300	D	34	350	700	ug/Kg
218-01-9	Chrysene	1300	D	32	350	700	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	25	UDQ	25	350	700	ug/Kg
117-84-0	Di-n-octyl phthalate	8.1	UD	8.1	350	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	D	23	350	700	ug/Kg
207-08-9	Benzo(k)fluoranthene	540	JD	33	350	700	ug/Kg
50-32-8	Benzo(a)pyrene	870	D	15	350	700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430	JD	24	350	700	ug/Kg
53-70-3	Dibenz(a,h)anthracene	20	UD	20	350	700	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)DL	SDG No.:	D3340
Lab Sample ID:	D3340-17DL	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6
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
BF057430.D	2	07/12/12	07/14/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	530	JD	29	350	700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	UD	28	350	700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28	UD	28	350	700	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136		28 - 127		91%	SPK: 150
13127-88-3	Phenol-d5	142		34 - 127		95%	SPK: 150
4165-60-0	Nitrobenzene-d5	101		31 - 132		102%	SPK: 100
321-60-8	2-Fluorobiphenyl	116		39 - 123		116%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		30 - 133		91%	SPK: 150
1718-51-0	Terphenyl-d14	96.5		37 - 115		96%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175718	5.81				
1146-65-2	Naphthalene-d8	662385	7.13				
15067-26-2	Acenaphthene-d10	315789	9.09				
1517-22-2	Phenanthrene-d10	500478	11.16				
1719-03-5	Chrysene-d12	396766	15.33				
1520-96-3	Perylene-d12	357311	17.67				

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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	6
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
VF034140.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.69	U	0.69	2.65	5.3	ug/Kg
74-87-3	Chloromethane	0.91	U	0.91	2.65	5.3	ug/Kg
75-01-4	Vinyl Chloride	1.3	U	1.3	2.65	5.3	ug/Kg
74-83-9	Bromomethane	2.6	U	2.6	2.65	5.3	ug/Kg
75-00-3	Chloroethane	1.5	U	1.5	2.65	5.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	1.4	2.65	5.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.4	U	1.4	2.65	5.3	ug/Kg
75-35-4	1,1-Dichloroethene	1.6	U	1.6	2.65	5.3	ug/Kg
67-64-1	Acetone	3.2	U	3.2	13.5	27	ug/Kg
75-15-0	Carbon Disulfide	1.1	U	1.1	2.65	5.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1	U	1	2.65	5.3	ug/Kg
79-20-9	Methyl Acetate	1.6	U	1.6	2.65	5.3	ug/Kg
75-09-2	Methylene Chloride	1.5	U	1.5	2.65	5.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.73	U	0.73	2.65	5.3	ug/Kg
75-34-3	1,1-Dichloroethane	1	U	1	2.65	5.3	ug/Kg
110-82-7	Cyclohexane	1.1	U	1.1	2.65	5.3	ug/Kg
78-93-3	2-Butanone	3.3	U	3.3	13.5	27	ug/Kg
56-23-5	Carbon Tetrachloride	1.1	U	1.1	2.65	5.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.95	U	0.95	2.65	5.3	ug/Kg
74-97-5	Bromochloromethane	0.84	U	0.84	2.65	5.3	ug/Kg
67-66-3	Chloroform	0.79	U	0.79	2.65	5.3	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.94	U	0.94	2.65	5.3	ug/Kg
108-87-2	Methylcyclohexane	1.1	U	1.1	2.65	5.3	ug/Kg
71-43-2	Benzene	0.4	U	0.4	2.65	5.3	ug/Kg
107-06-2	1,2-Dichloroethane	0.68	U	0.68	2.65	5.3	ug/Kg
79-01-6	Trichloroethene	0.91	U	0.91	2.65	5.3	ug/Kg
78-87-5	1,2-Dichloropropane	0.28	U	0.28	2.65	5.3	ug/Kg
75-27-4	Bromodichloromethane	0.66	U	0.66	2.65	5.3	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.1	U	3.1	13.5	27	ug/Kg
108-88-3	Toluene	0.68	U	0.68	2.65	5.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.84	U	0.84	2.65	5.3	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	6
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
VF034140.D	1		07/12/12	VF071212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	0.77	U	0.77	2.65	5.3	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	2.65	5.3	ug/Kg
591-78-6	2-Hexanone	4.2	U	4.2	13.5	27	ug/Kg
124-48-1	Dibromochloromethane	0.57	U	0.57	2.65	5.3	ug/Kg
106-93-4	1,2-Dibromoethane	0.68	U	0.68	2.65	5.3	ug/Kg
127-18-4	Tetrachloroethene	1.1	U	1.1	2.65	5.3	ug/Kg
108-90-7	Chlorobenzene	0.53	U	0.53	2.65	5.3	ug/Kg
100-41-4	Ethyl Benzene	0.66	U	0.66	2.65	5.3	ug/Kg
179601-23-1	m/p-Xylenes	0.77	U	0.77	5.5	11	ug/Kg
95-47-6	o-Xylene	0.72	U	0.72	2.65	5.3	ug/Kg
100-42-5	Styrene	0.48	U	0.48	2.65	5.3	ug/Kg
75-25-2	Bromoform	0.79	U	0.79	2.65	5.3	ug/Kg
98-82-8	Isopropylbenzene	0.51	U	0.51	2.65	5.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.49	U	0.49	2.65	5.3	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.39	U	0.39	2.65	5.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.44	U	0.44	2.65	5.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.66	U	0.66	2.65	5.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.93	U	0.93	2.65	5.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.74	U	0.74	2.65	5.3	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.53	U	0.53	2.65	5.3	ug/Kg
123-91-1	1,4-Dioxane	53	U	53	55	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.1		56 - 120		94%	SPK: 50
1868-53-7	Dibromofluoromethane	45.9		57 - 135		92%	SPK: 50
2037-26-5	Toluene-d8	49.8		67 - 123		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		33 - 141		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	239646	4.33				
540-36-3	1,4-Difluorobenzene	455507	5.08				
3114-55-4	Chlorobenzene-d5	469953	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	252597	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-17	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	6
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
VF034140.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Level (low/med):	low	% Solid:	90

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	3840		1	0.75	2.24	4.48	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.5	U	1	0.5	1.12	2.24	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	2.36	*	1	0.3	0.45	0.9	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	44.8	*	1	0.36	2.24	4.48	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.18	J	1	0.05	0.135	0.27	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.07	J	1	0.05	0.135	0.27	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	1130		1	0.96	44.8	89.6	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	9.3		1	0.12	0.225	0.45	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	4.47		1	0.51	0.67	1.34	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	13.8	*	1	0.29	0.45	0.9	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	9950		1	1.19	2.24	4.48	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	3.56	N*	1	0.11	0.27	0.54	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	2410		1	4.1	44.8	89.6	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	224		1	0.17	0.45	0.9	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	12.3		1	0.41	0.895	1.79	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1270		1	3.14	44.8	89.6	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.37	U	1	0.37	0.45	0.9	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	253		1	2.26	44.8	89.6	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	16.3		1	0.53	0.895	1.79	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	28.3	*	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

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10 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
PC009195.D	1	07/12/12	07/14/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.8	U	3.8	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	8.3	U	8.3	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	7.3	U	7.3	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	19.1		10 - 166		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		60 - 125		93%	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10 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
PD011849.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	0.95	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	0.14	U	0.14	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	0.14	U	0.14	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	0.14	U	0.14	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	19.7		10 - 169		99%	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10 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
PD011849.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-18RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10 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
PD011932.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	0.95	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	0.14	U	0.14	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	0.14	U	0.14	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	0.14	U	0.14	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	21.9		10 - 169		110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.1		31 - 151		116%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-18RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	10 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
PD011932.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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* = 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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
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
BF057380.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	19	U	19	185	370	ug/Kg
108-95-2	Phenol	8.5	U	8.5	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	21	U	21	185	370	ug/Kg
120-83-2	2,4-Dichlorophenol	14	U	14	185	370	ug/Kg
91-20-3	Naphthalene	13	U	13	185	370	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	185	370	ug/Kg
87-68-3	Hexachlorobutadiene	13	U	13	185	370	ug/Kg
105-60-2	Caprolactam	17	U	17	185	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	16	U	16	185	370	ug/Kg
91-57-6	2-Methylnaphthalene	9.3	U	9.3	185	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9	U	9	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	8.4	U	8.4	185	370	ug/Kg
88-74-4	2-Nitroaniline	16	U	16	185	370	ug/Kg
131-11-3	Dimethylphthalate	330	J	10	185	370	ug/Kg
208-96-8	Acenaphthylene	9.3	U	9.3	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
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
BF057380.D	1	07/12/12	07/12/12	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	10	U	10	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	14	U	14	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	14	U	14	185	370	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	185	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	185	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.9	U	8.9	185	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7.2	U	7.2	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	25	U	25	185	370	ug/Kg
85-01-8	Phenanthrene	10	U	10	185	370	ug/Kg
120-12-7	Anthracene	7.5	U	7.5	185	370	ug/Kg
86-74-8	Carbazole	8.1	U	8.1	185	370	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	185	370	ug/Kg
206-44-0	Fluoranthene	7.4	U	7.4	185	370	ug/Kg
129-00-0	Pyrene	8.9	U	8.9	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	18	U	18	185	370	ug/Kg
218-01-9	Chrysene	17	U	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	4.2	U	4.2	185	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	12	U	12	185	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	17	U	17	185	370	ug/Kg
50-32-8	Benzo(a)pyrene	8	U	8	185	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	U	12	185	370	ug/Kg
53-70-3	Dibenz(a,h)anthracene	11	U	11	185	370	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
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
BF057380.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	15	U	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	96.5		28 - 127		64%	SPK: 150
13127-88-3	Phenol-d5	98.8		34 - 127		66%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.9		31 - 132		74%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.5		39 - 123		79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	95.1		30 - 133		63%	SPK: 150
1718-51-0	Terphenyl-d14	73		37 - 115		73%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191774	5.83				
1146-65-2	Naphthalene-d8	702061	7.14				
15067-26-2	Acenaphthene-d10	334524	9.11				
1517-22-2	Phenanthrene-d10	510003	11.19				
1719-03-5	Chrysene-d12	381468	15.36				
1520-96-3	Perylene-d12	326993	17.71				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	700	AB			3.81	ug/Kg
13187-99-0	2-Bromo dodecane	180	J			11.07	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	10
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
VF034141.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	1.5	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	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	0.98	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	14	28	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	10
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
VF034141.D	1		07/12/12	VF071212

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	14	28	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	0.5	U	0.5	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	45.9		56 - 120		92%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		57 - 135		96%	SPK: 50
2037-26-5	Toluene-d8	51.9		67 - 123		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.5		33 - 141		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	243353	4.34				
540-36-3	1,4-Difluorobenzene	448362	5.08				
3114-55-4	Chlorobenzene-d5	470812	9.28				
3855-82-1	1,4-Dichlorobenzene-d4	240678	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-10(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-18	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	10
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
VF034141.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5710		1	0.78	2.305	4.61	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.52	U	1	0.52	1.155	2.31	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	12	*	1	0.3	0.46	0.92	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	121	*	1	0.37	2.305	4.61	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.42		1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.49		1	0.06	0.14	0.28	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	3540		1	0.99	46.15	92.3	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	17.1		1	0.12	0.23	0.46	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	8.16		1	0.53	0.69	1.38	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	44.9	*	1	0.3	0.46	0.92	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	16200		1	1.23	2.305	4.61	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	535	N*	1	0.11	0.275	0.55	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	2690		1	4.23	46.15	92.3	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	254		1	0.18	0.46	0.92	mg/Kg	07/12/12	07/16/12	SW6010B
7439-97-6	Mercury	0.112		1	0.002	0.005	0.01	mg/Kg	07/12/12	07/13/12	SW7471A
7440-02-0	Nickel	21.3		1	0.42	0.925	1.85	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1800		1	3.23	46.15	92.3	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.38	U	1	0.38	0.46	0.92	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.14	U	1	0.14	0.23	0.46	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	61.8	J	1	2.33	46.15	92.3	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.25	U	1	0.25	0.925	1.85	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	20.2		1	0.54	0.925	1.85	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	217	*	1	0.65	0.925	1.85	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10 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
PC009196.D	1	07/12/12	07/14/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.8	U	3.8	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	8.3	U	8.3	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	7.3	U	7.3	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	19		10 - 166		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		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.

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

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.7 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
PD011850.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	0.95	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	0.15	U	0.15	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	0.14	U	0.14	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	0.15	U	0.15	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	0.15	U	0.15	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	0.14	U	0.14	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	0.15	U	0.15	0.95	1.9	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	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	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.7 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
PD011850.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-19RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.7 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
PD011933.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	0.95	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	0.15	U	0.15	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	0.14	U	0.14	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	0.15	U	0.15	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	0.15	U	0.15	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	0.14	U	0.14	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	0.15	U	0.15	0.95	1.9	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	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	21.2		10 - 169		106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21		31 - 151		105%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)RE	SDG No.:	D3340
Lab Sample ID:	D3340-19RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.7 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
PD011933.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
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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
Sample Wt/Vol:	30.11 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
BF057404.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	19	U	19	185	370	ug/Kg
108-95-2	Phenol	8.5	U	8.5	185	370	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	18	U	18	185	370	ug/Kg
95-57-8	2-Chlorophenol	19	U	19	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	16	U	16	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	21	U	21	185	370	ug/Kg
120-83-2	2,4-Dichlorophenol	14	U	14	185	370	ug/Kg
91-20-3	Naphthalene	13	U	13	185	370	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	185	370	ug/Kg
87-68-3	Hexachlorobutadiene	13	U	13	185	370	ug/Kg
105-60-2	Caprolactam	17	U	17	185	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	16	U	16	185	370	ug/Kg
91-57-6	2-Methylnaphthalene	9.3	U	9.3	185	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9	U	9	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	8.4	U	8.4	185	370	ug/Kg
88-74-4	2-Nitroaniline	16	U	16	185	370	ug/Kg
131-11-3	Dimethylphthalate	540		10	185	370	ug/Kg
208-96-8	Acenaphthylene	9.3	U	9.3	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
Sample Wt/Vol:	30.11 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
BF057404.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	10	U	10	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	14	U	14	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	14	U	14	185	370	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	185	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	185	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.9	U	8.9	185	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7.2	U	7.2	185	370	ug/Kg
118-74-1	Hexachlorobenzene	15	U	15	185	370	ug/Kg
1912-24-9	Atrazine	19	U	19	185	370	ug/Kg
87-86-5	Pentachlorophenol	25	U	25	185	370	ug/Kg
85-01-8	Phenanthrene	1400		10	185	370	ug/Kg
120-12-7	Anthracene	320	J	7.5	185	370	ug/Kg
86-74-8	Carbazole	8.1	U	8.1	185	370	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	185	370	ug/Kg
206-44-0	Fluoranthene	2000		7.4	185	370	ug/Kg
129-00-0	Pyrene	1800		8.9	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	890		18	185	370	ug/Kg
218-01-9	Chrysene	950		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	4.2	U	4.2	185	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12	185	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	440		17	185	370	ug/Kg
50-32-8	Benzo(a)pyrene	840		8	185	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430		12	185	370	ug/Kg
53-70-3	Dibenz(a,h)anthracene	11	U	11	185	370	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
Sample Wt/Vol:	30.11 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
BF057404.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	510		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	123		28 - 127		83%	SPK: 150
13127-88-3	Phenol-d5	126		34 - 127		84%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.5		31 - 132		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		39 - 123		104%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		30 - 133		92%	SPK: 150
1718-51-0	Terphenyl-d14	92.6		37 - 115		93%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202829	5.83				
1146-65-2	Naphthalene-d8	722070	7.14				
15067-26-2	Acenaphthene-d10	342689	9.11				
1517-22-2	Phenanthrene-d10	528226	11.19				
1719-03-5	Chrysene-d12	426713	15.36				
1520-96-3	Perylene-d12	395009	17.72				
TENTATIVE IDENTIFIED COMPOUNDS							
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	960	AB			3.81	ug/Kg
126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	620	J			8.43	ug/Kg
129812-23-3	Naphtho[2,1-b]furan, 1,2-dimethyl-	85	J			10.81	ug/Kg
112-95-8	Eicosane	240	J			11.06	ug/Kg
244-99-5	5H-Indeno[1,2-b]pyridine	80	J			11.54	ug/Kg
629-99-2	Pentacosane	90	J			11.73	ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	170	J			11.96	ug/Kg
832-69-9	Phenanthrene, 1-methyl-	260	J			12	ug/Kg
949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	150	J			12.08	ug/Kg
90-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	330	J			12.13	ug/Kg
779-02-2	Anthracene, 9-methyl-	130	J			12.17	ug/Kg
612-94-2	Naphthalene, 2-phenyl-	150	J			12.43	ug/Kg
3674-66-6	Phenanthrene, 2,5-dimethyl-	130	J			12.83	ug/Kg
33543-31-6	Fluoranthene, 2-methyl-	87	J			14.12	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
Sample Wt/Vol:	30.11 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
BF057404.D	1	07/12/12	07/13/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
316-49-4	Benz[a]anthracene, 4-methyl-	76	J			16	ug/Kg
192-97-2	Benzo[e]pyrene	160	J			17.2	ug/Kg
198-55-0	Perylene	580	J			17.51	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	10
Sample Wt/Vol:	5.06 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
VF034142.D	1		07/12/12	VF071212

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	0.94	U	0.94	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	1.4	U	1.4	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	24		0.94	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	10
Sample Wt/Vol:	5.06 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
VF034142.D	1		07/12/12	VF071212

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	47.1		56 - 120		94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		57 - 135		93%	SPK: 50
2037-26-5	Toluene-d8	50.3		67 - 123		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54		33 - 141		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	234234	4.34				
540-36-3	1,4-Difluorobenzene	440037	5.08				
3114-55-4	Chlorobenzene-d5	450959	9.28				
3855-82-1	1,4-Dichlorobenzene-d4	215698	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(0-2)	SDG No.:	D3340
Lab Sample ID:	D3340-19	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	10
Sample Wt/Vol:	5.06 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
VF034142.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	4540		1	0.75	2.22	4.44	mg/Kg	07/12/12	07/16/12	SW6010B
7440-36-0	Antimony	0.5	U	1	0.5	1.11	2.22	mg/Kg	07/12/12	07/16/12	SW6010B
7440-38-2	Arsenic	2.13	*	1	0.29	0.445	0.89	mg/Kg	07/12/12	07/16/12	SW6010B
7440-39-3	Barium	51.2	*	1	0.36	2.22	4.44	mg/Kg	07/12/12	07/16/12	SW6010B
7440-41-7	Beryllium	0.17	J	1	0.05	0.135	0.27	mg/Kg	07/12/12	07/16/12	SW6010B
7440-43-9	Cadmium	0.32		1	0.05	0.135	0.27	mg/Kg	07/12/12	07/16/12	SW6010B
7440-70-2	Calcium	6040		1	0.95	44.4	88.8	mg/Kg	07/12/12	07/16/12	SW6010B
7440-47-3	Chromium	11.3		1	0.12	0.22	0.44	mg/Kg	07/12/12	07/16/12	SW6010B
7440-48-4	Cobalt	5.37		1	0.51	0.665	1.33	mg/Kg	07/12/12	07/16/12	SW6010B
7440-50-8	Copper	13.1	*	1	0.28	0.445	0.89	mg/Kg	07/12/12	07/16/12	SW6010B
7439-89-6	Iron	11100		1	1.18	2.22	4.44	mg/Kg	07/12/12	07/16/12	SW6010B
7439-92-1	Lead	3.8	N*	1	0.11	0.265	0.53	mg/Kg	07/12/12	07/16/12	SW6010B
7439-95-4	Magnesium	4740		1	4.07	44.4	88.8	mg/Kg	07/12/12	07/16/12	SW6010B
7439-96-5	Manganese	363		1	0.17	0.445	0.89	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	17		1	0.41	0.89	1.78	mg/Kg	07/12/12	07/16/12	SW6010B
7440-09-7	Potassium	1650		1	3.11	44.4	88.8	mg/Kg	07/12/12	07/16/12	SW6010B
7782-49-2	Selenium	0.36	U	1	0.36	0.445	0.89	mg/Kg	07/12/12	07/16/12	SW6010B
7440-22-4	Silver	0.13	U	1	0.13	0.22	0.44	mg/Kg	07/12/12	07/16/12	SW6010B
7440-23-5	Sodium	135		1	2.24	44.4	88.8	mg/Kg	07/12/12	07/16/12	SW6010B
7440-28-0	Thallium	0.24	U	1	0.24	0.89	1.78	mg/Kg	07/12/12	07/16/12	SW6010B
7440-62-2	Vanadium	16.7		1	0.52	0.89	1.78	mg/Kg	07/12/12	07/16/12	SW6010B
7440-66-6	Zinc	31.7	*	1	0.62	0.89	1.78	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10 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
PC009197.D	1	07/12/12	07/14/12	PB64226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.8	U	3.8	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	8.3	U	8.3	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	7.3	U	7.3	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	1.6	U	1.6	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	4.5	U	4.5	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.7		10 - 166		98%	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.9 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
PD011851.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	0.95	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	0.15	U	0.15	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	0.14	U	0.14	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	0.15	U	0.15	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	0.15	U	0.15	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	0.14	U	0.14	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	0.15	U	0.15	0.95	1.9	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	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	19.5		10 - 169		98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.3		31 - 151		92%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.9 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
PD011851.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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-20RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.9 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
PD011934.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	0.95	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	0.15	U	0.15	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	0.14	U	0.14	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	0.15	U	0.15	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	0.15	U	0.15	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	0.14	U	0.14	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	0.15	U	0.15	0.95	1.9	ug/Kg
5103-74-2	gamma-Chlordane	0.14	U	0.14	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	19.1		10 - 169		96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		31 - 151		102%	SPK: 20

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)RE	SDG No.:	D3340
Lab Sample ID:	D3340-20RE	Matrix:	SOIL
Analytical Method:	SW8081B	% Moisture:	9.9 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
PD011934.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.

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

Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
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
BF057379.D	1	07/12/12	07/12/12	PB64228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	19	U	19	185	370	ug/Kg
108-95-2	Phenol	8.5	U	8.5	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	21	U	21	185	370	ug/Kg
120-83-2	2,4-Dichlorophenol	14	U	14	185	370	ug/Kg
91-20-3	Naphthalene	13	U	13	185	370	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	185	370	ug/Kg
87-68-3	Hexachlorobutadiene	13	U	13	185	370	ug/Kg
105-60-2	Caprolactam	17	U	17	185	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	16	U	16	185	370	ug/Kg
91-57-6	2-Methylnaphthalene	9.3	U	9.3	185	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9	U	9	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	8.4	U	8.4	185	370	ug/Kg
88-74-4	2-Nitroaniline	16	U	16	185	370	ug/Kg
131-11-3	Dimethylphthalate	380		10	185	370	ug/Kg
208-96-8	Acenaphthylene	9.3	U	9.3	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
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
BF057379.D	1	07/12/12	07/12/12	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	10	U	10	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	14	U	14	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	14	U	14	185	370	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	185	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	185	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8.9	U	8.9	185	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7.2	U	7.2	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	25	U	25	185	370	ug/Kg
85-01-8	Phenanthrene	10	U	10	185	370	ug/Kg
120-12-7	Anthracene	7.5	U	7.5	185	370	ug/Kg
86-74-8	Carbazole	8.1	U	8.1	185	370	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	185	370	ug/Kg
206-44-0	Fluoranthene	7.4	U	7.4	185	370	ug/Kg
129-00-0	Pyrene	8.9	U	8.9	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	18	U	18	185	370	ug/Kg
218-01-9	Chrysene	17	U	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	4.2	U	4.2	185	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	12	U	12	185	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	17	U	17	185	370	ug/Kg
50-32-8	Benzo(a)pyrene	8	U	8	185	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	U	12	185	370	ug/Kg
53-70-3	Dibenz(a,h)anthracene	11	U	11	185	370	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	10
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
BF057379.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	15	U	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	128		28 - 127		86%	SPK: 150
13127-88-3	Phenol-d5	133		34 - 127		89%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.8		31 - 132		100%	SPK: 100
321-60-8	2-Fluorobiphenyl	108		39 - 123		109%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		30 - 133		94%	SPK: 150
1718-51-0	Terphenyl-d14	103		37 - 115		103%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195865	5.83				
1146-65-2	Naphthalene-d8	714288	7.14				
15067-26-2	Acenaphthene-d10	343859	9.11				
1517-22-2	Phenanthrene-d10	527935	11.19				
1719-03-5	Chrysene-d12	401718	15.36				
1520-96-3	Perylene-d12	335059	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			11.06	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:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	10
Sample Wt/Vol:	5.08 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
VF034143.D	1		07/12/12	VF071212

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	0.94	U	0.94	2.75	5.5	ug/Kg
75-01-4	Vinyl Chloride	1.3	U	1.3	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	1.4	U	1.4	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	U	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	0.75	U	0.75	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	0.97	U	0.97	2.75	5.5	ug/Kg
74-97-5	Bromochloromethane	0.86	U	0.86	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	0.96	U	0.96	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	0.94	U	0.94	2.75	5.5	ug/Kg
78-87-5	1,2-Dichloropropane	0.28	U	0.28	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	0.86	U	0.86	2.75	5.5	ug/Kg

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	10
Sample Wt/Vol:	5.08 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
VF034143.D	1		07/12/12	VF071212

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	0.98	U	0.98	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	0.74	U	0.74	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	0.52	U	0.52	2.75	5.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.5	2.75	5.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.4	U	0.4	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	0.95	U	0.95	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	45.3		56 - 120		91%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		57 - 135		94%	SPK: 50
2037-26-5	Toluene-d8	51.7		67 - 123		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.6		33 - 141		119%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	245616	4.34				
540-36-3	1,4-Difluorobenzene	450677	5.08				
3114-55-4	Chlorobenzene-d5	484378	9.28				
3855-82-1	1,4-Dichlorobenzene-d4	252114	12.21				

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Report of Analysis

Client:	ATC ASSOCIATES, INC.	Date Collected:	07/10/12
Project:	Front Street Brooklyn project	Date Received:	07/11/12
Client Sample ID:	SB-11(18-20)	SDG No.:	D3340
Lab Sample ID:	D3340-20	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	10
Sample Wt/Vol:	5.08 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
VF034143.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.
COC Number 027472

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. 15.12440.0093 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: 3 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
Filtered + unfiltered

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.	MW-4	GW		X	7.12.12	10:58	8	X	X	X	X	X					
2.	MW-5	GW		X	7.12.12	12:15	8	X	X	X	X	X					
3.																	
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. JM	7.12.12 1405	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.	7.12.12 1520	3. Sherral Martin

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

Cooler Temp. 6C
Ice in Cooler?: ✓

Page 1 of 1

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:	07/13/12
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
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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:	07/13/12
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

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:	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

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:	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

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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
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.

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:	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

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:	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
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:	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
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E = Value Exceeds Calibration Range
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J = Estimated Value
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* = Values outside of QC 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
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

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:	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
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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-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

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:	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				

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:	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
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-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
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-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
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

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:

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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

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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:		

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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:		

CHEMTECH

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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:	

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 :	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:

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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-05	SDG No.:	D3344
Lab Sample ID:	D3344-05	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
VL017527.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	0.37	1.83		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	0.72	2.18		0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.67	1.38		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	0.24	1.35		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	0.06	0.46	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	0.94	3.85		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	47.6	113	E	0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	0.15	0.47		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	1.12	3.89		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	0.2	0.69		0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	1.13	3.33		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	0.12	0.48		0.06	0.05	0.1	ppbv
67-66-3	Chloroform	1.37	6.69		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	2.24	12.2		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	0.58	1.85		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	147	790	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	1.56	6.39		0.06	0.05	0.1	ppbv
108-88-3	Toluene	7.05	26.6		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

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-05	SDG No.:	D3344
Lab Sample ID:	D3344-05	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
VL017527.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	4.86	33.0		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	1.46	6.34		0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	5.23	22.7		0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	1.5	6.52		0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.07	0.3	J	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	0.51	2.51		0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	1.63	8.01		0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	0.73	3.59		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	1.08	3.81		0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.9			65 - 135		99%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1004090		6.37				
540-36-3	1,4-Difluorobenzene	3111870		7.93				
3114-55-4	Chlorobenzene-d5	2539010		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-05DL	SDG No.:	D3344
Lab Sample ID:	D3344-05DL	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
VL017516.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	4	12.1	U	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	2.4	9.84	U	2.4	2	4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	2	2	4	ppbv
67-64-1	Acetone	79.6	189	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	249	1338	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	6.4	24.1	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-05DL	SDG No.:	D3344
Lab Sample ID:	D3344-05DL	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
VL017516.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	5.2	35.3	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	3.2	13.9	U	3.2	2	4	ppbv
179601-23-1	m/p-Xylene	4.4	19.1	U	4.4	4	8	ppbv
95-47-6	o-Xylene	2.8	12.2	U	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	3.6	17.7	U	3.6	2	4	ppbv
95-63-6	1,2,4-Trimethylbenzene	4	19.7	U	4	4	4	ppbv
622-96-8	4-Ethyltoluene	3.2	15.7	U	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	8	59.4	D	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	1.6	5.64	U	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	868729		6.37				
540-36-3	1,4-Difluorobenzene	2591980		7.93				
3114-55-4	Chlorobenzene-d5	2164360		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-06	SDG No.:	D3344
Lab Sample ID:	D3344-06	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
VL017510.D	10		07/12/12	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	3.4	10.3		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	2.8	11.5		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	125	296		1	1	1	ppbv
75-15-0	Carbon Disulfide	1.3	4.05		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		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	7.7	22.7		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	3.2	15.6		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	7.1	38.7		0.4	0.4	0.4	ppbv
109-99-9	Tetrahydrofuran	1.2	3.54		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	6.39		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	1370	7362	E	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	5.5	22.5		0.6	0.5	1	ppbv
108-88-3	Toluene	46.9	176		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-06	SDG No.:	D3344
Lab Sample ID:	D3344-06	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
VL017510.D	10		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	0.8	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	79.5	539		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	7	30.4		0.8	0.5	1	ppbv
179601-23-1	m/p-Xylene	30	130		1.1	1	2	ppbv
95-47-6	o-Xylene	10.5	45.6		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	12	59.0		0.9	0.5	1	ppbv
95-63-6	1,2,4-Trimethylbenzene	24.8	121		1	1	1	ppbv
622-96-8	4-Ethyltoluene	6.2	30.5		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	2.4	8.46		0.4	0.5	1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11			65 - 135		111%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	817051		6.37				
540-36-3	1,4-Difluorobenzene	2382680		7.93				
3114-55-4	Chlorobenzene-d5	2084880		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-06DL	SDG No.:	D3344
Lab Sample ID:	D3344-06DL	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
VL017523.D	200		07/12/12	VL071212

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	8	39.6	U	8	10	20	ppbv
75-65-0	tert-Butyl alcohol	20	60.6	U	20	20	20	ppbv
74-87-3	Chloromethane	12	24.8	U	12	10	20	ppbv
80-62-6	Methyl Methacrylate	20	81.9	U	20	20	20	ppbv
75-01-4	Vinyl Chloride	14	35.8	U	14	14	14	ppbv
74-83-9	Bromomethane	6	23.3	U	6	10	20	ppbv
75-00-3	Chloroethane	14	36.9	U	14	10	20	ppbv
75-69-4	Trichlorofluoromethane	8	45.0	U	8	10	20	ppbv
76-14-2	Dichlorotetrafluoroethane	8	55.9	U	8	10	20	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	8	61.3	U	8	10	20	ppbv
593-60-2	Bromoethene	6	26.2	U	6	10	20	ppbv
142-82-5	Heptane	12	49.2	U	12	10	20	ppbv
75-35-4	1,1-Dichloroethene	10	39.6	U	10	10	20	ppbv
67-64-1	Acetone	158	375	D	20	20	20	ppbv
75-15-0	Carbon Disulfide	10	31.1	U	10	10	20	ppbv
1634-04-4	Methyl tert-Butyl Ether	10	36.0	U	10	10	20	ppbv
75-09-2	Methylene Chloride	10	34.7	U	10	10	20	ppbv
107-05-1	Allyl Chloride	10	31.3	U	10	10	20	ppbv
156-60-5	trans-1,2-Dichloroethene	12	47.6	U	12	10	20	ppbv
75-34-3	1,1-Dichloroethane	8	32.4	U	8	10	20	ppbv
110-82-7	Cyclohexane	16	55.1	U	16	10	20	ppbv
78-93-3	2-Butanone	20	59.0	U	20	20	20	ppbv
56-23-5	Carbon Tetrachloride	8	50.3	U	8	8	8	ppbv
156-59-2	cis-1,2-Dichloroethene	12	47.6	U	12	10	20	ppbv
67-66-3	Chloroform	4	19.5	U	4	10	20	ppbv
123-91-1	1,4-Dioxane	18	64.9	U	18	10	20	ppbv
71-55-6	1,1,1-Trichloroethane	8	43.6	U	8	8	8	ppbv
109-99-9	Tetrahydrofuran	16	47.2	U	16	10	20	ppbv
540-84-1	2,2,4-Trimethylpentane	8	37.4	U	8	10	20	ppbv
71-43-2	Benzene	8	25.6	U	8	10	20	ppbv
107-06-2	1,2-Dichloroethane	14	56.7	U	14	10	20	ppbv
79-01-6	Trichloroethene	1130	6072	D	8	8	8	ppbv
78-87-5	1,2-Dichloropropane	12	55.5	U	12	10	20	ppbv
75-27-4	Bromodichloromethane	10	67.0	U	10	10	20	ppbv
108-10-1	4-Methyl-2-Pentanone	12	49.2	U	12	10	20	ppbv
108-88-3	Toluene	24	90.4	D	10	10	20	ppbv
10061-02-6	t-1,3-Dichloropropene	14	63.6	U	14	10	20	ppbv
10061-01-5	cis-1,3-Dichloropropene	12	54.5	U	12	10	20	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-06DL	SDG No.:	D3344
Lab Sample ID:	D3344-06DL	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
VL017523.D	200		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	16	87.3	U	16	10	20	ppbv
124-48-1	Dibromochloromethane	10	85.2	U	10	10	20	ppbv
106-93-4	1,2-Dibromoethane	14	107	U	14	10	20	ppbv
127-18-4	Tetrachloroethene	52	352	D	6	6	6	ppbv
108-90-7	Chlorobenzene	18	82.9	U	18	10	20	ppbv
100-41-4	Ethyl Benzene	16	69.5	U	16	10	20	ppbv
179601-23-1	m/p-Xylene	22	95.6	U	22	20	40	ppbv
95-47-6	o-Xylene	14	60.8	U	14	10	20	ppbv
100-42-5	Styrene	14	59.6	U	14	10	20	ppbv
75-25-2	Bromoform	10	103	U	10	10	20	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	20	137	U	20	20	20	ppbv
95-49-8	2-Chlorotoluene	20	103	U	20	20	20	ppbv
108-67-8	1,3,5-Trimethylbenzene	18	88.5	U	18	10	20	ppbv
95-63-6	1,2,4-Trimethylbenzene	20	98.3	U	20	20	20	ppbv
622-96-8	4-Ethyltoluene	16	78.7	U	16	10	20	ppbv
541-73-1	1,3-Dichlorobenzene	16	96.2	U	16	10	20	ppbv
106-46-7	1,4-Dichlorobenzene	12	72.2	U	12	10	20	ppbv
95-50-1	1,2-Dichlorobenzene	14	84.2	U	14	10	20	ppbv
120-82-1	1,2,4-Trichlorobenzene	8	59.4	U	8	10	20	ppbv
87-68-3	Hexachloro-1,3-Butadiene	16	170	U	16	10	20	ppbv
106-99-0	1,3-Butadiene	18	39.8	U	18	10	20	ppbv
110-54-3	Hexane	8	28.2	U	8	10	20	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.6			65 - 135		106%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	729674		6.37				
540-36-3	1,4-Difluorobenzene	2028190		7.93				
3114-55-4	Chlorobenzene-d5	1697350		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-07	SDG No.:	D3344
Lab Sample ID:	D3344-07	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
VL017528.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	0.37	1.83		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	14	42.4		0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.11	0.23		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	0.17	0.45		0.07	0.05	0.1	ppbv
75-69-4	Trichlorofluoromethane	0.26	1.46		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	0.09	0.69	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	36.7	150	E	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	137	325	E	0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	45.1	140	E	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	0.16	0.65		0.04	0.05	0.1	ppbv
110-82-7	Cyclohexane	4.86	16.7		0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	68.2	201	E	0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.04	0.25	U	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	4.59	25.0		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	14.4	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	18.1	97.3	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	16.8	68.8	E	0.06	0.05	0.1	ppbv
108-88-3	Toluene	42.8	161	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

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-07	SDG No.:	D3344
Lab Sample ID:	D3344-07	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
VL017528.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	35.6	241	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	19.6	85.1	E	0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	58.8	255	E	0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	48.5	210	E	0.07	0.05	0.1	ppbv
100-42-5	Styrene	1.68	7.15		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	16.9	83.1	E	0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	30.1	147	E	0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	25	122	E	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	22.2	78.2	E	0.04	0.05	0.1	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	12.3			65 - 135		123%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	999421		6.38				
540-36-3	1,4-Difluorobenzene	3166810		7.95				
3114-55-4	Chlorobenzene-d5	2608490		12.92				

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-07DL	SDG No.:	D3344
Lab Sample ID:	D3344-07DL	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
VL017518.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	16.4	49.7	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	39.2	160	D	2.4	2	4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	2	2	4	ppbv
67-64-1	Acetone	525	1247	D	4	4	4	ppbv
75-15-0	Carbon Disulfide	53.2	165	D	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	6	20.6	D	3.2	2	4	ppbv
78-93-3	2-Butanone	94	277	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	4.8	26.2	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	16	51.1	D	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	19.6	105	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	17.2	70.5	D	2.4	2	4	ppbv
108-88-3	Toluene	50	188	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-07DL	SDG No.:	D3344
Lab Sample ID:	D3344-07DL	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
VL017518.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	40.8	276	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	20.8	90.4	D	3.2	2	4	ppbv
179601-23-1	m/p-Xylene	70.8	307	D	4.4	4	8	ppbv
95-47-6	o-Xylene	64.4	279	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	22	108	D	3.6	2	4	ppbv
95-63-6	1,2,4-Trimethylbenzene	42	206	D	4	4	4	ppbv
622-96-8	4-Ethyltoluene	26.8	131	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	23.2	81.8	D	1.6	2	4	ppbv
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.7			65 - 135		107%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	788153		6.37				
540-36-3	1,4-Difluorobenzene	2316990		7.93				
3114-55-4	Chlorobenzene-d5	2008580		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:	AMBIENTAIR	SDG No.:	D3344
Lab Sample ID:	D3344-08	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
VL017503.D	1		07/11/12	VL071112

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.37	1.83		0.04	0.05	0.1	ppbv
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.1	0.1	0.1	ppbv
74-87-3	Chloromethane	0.35	0.72		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	0.24	1.35		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	0.06	0.25	U	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	5.85	13.9		0.1	0.1	0.1	ppbv
75-15-0	Carbon Disulfide	0.05	0.16	U	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	0.27	0.94		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	0.08	0.28	U	0.08	0.05	0.1	ppbv
78-93-3	2-Butanone	0.17	0.5		0.1	0.1	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.07	0.44		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	0.04	0.22	U	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	0.08	0.26	J	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	0.04	0.21	U	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	0.06	0.25	U	0.06	0.05	0.1	ppbv
108-88-3	Toluene	0.18	0.68		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:	AMBIENTAIR	SDG No.:	D3344
Lab Sample ID:	D3344-08	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
VL017503.D	1		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	0.08	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	0.03	0.2	U	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	0.08	0.35	U	0.08	0.05	0.1	ppbv
179601-23-1	m/p-Xylene	0.11	0.48	U	0.11	0.1	0.2	ppbv
95-47-6	o-Xylene	0.07	0.3	U	0.07	0.05	0.1	ppbv
100-42-5	Styrene	0.07	0.3	U	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	0.09	0.44	U	0.09	0.05	0.1	ppbv
95-63-6	1,2,4-Trimethylbenzene	0.11	0.54		0.1	0.1	0.1	ppbv
622-96-8	4-Ethyltoluene	0.08	0.39	U	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	0.4	1.41		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	704885		6.37				
540-36-3	1,4-Difluorobenzene	1960330		7.93				
3114-55-4	Chlorobenzene-d5	1593060		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