September 2, 2011

Ms. Mandy Yau
New York State Department of Environmental Conservation
Division of Environmental Conservation
Hunters Point Plaza
47-40 21st Street
Long Island City, New York 11101-5407

Re: Supplemental Remedial Investigation Report (SRIR)
73rd Avenue Shopping Center
Fresh Meadows, New York
Site No. C241050
AMEC Project No. 3485.05.0051

Dear Ms. Yau:

AMEC Environment &Infrastructure, Inc. (AMEC), at the request of MacArthur Holding B, Inc. (MHB), has prepared this Supplemental Remedial Investigation Report (SRIR) following implementation of the Supplemental Remedial Investigation Work Plan (SRIWP) at the 73rd Avenue Shopping Center located in Fresh Meadows, New York (Site). The SRIWP was prepared in accordance with the Interim Remedial Measure Workplan (IRMW) dated June 2005, the New York State Department of Environmental Conservation (NYSDEC) comment letter on the Soil Sampling Workplan dated May 17, 2010, the NYSDEC comment letter on the Groundwater Sampling Workplan, and the Revised Soil Sampling Workplan for Post Remediation Soil Sampling dated September 16, 2010. The objectives of the SRIWP are as follows:

1. Delineate the vertical and horizontal extent of soil contamination beneath the Site as a result of chemicals typically associated with dry cleaning operations and determine the quality of the soil beneath the Site relative to the NYSDEC Brownfields Program.
2. Collect groundwater samples from the five monitoring wells that had previously been installed at the Site in 2004 to determine the quality of the groundwater relative to the NYSDEC Brownfields Program.
3. Collect two soil vapor samples in the parking lot of the Site approximately twelve to fifteen feet east of the eastern wall of the building occupied by Preschool of America, which is located adjacent to the southwestern corner of the parking lot.

Additionally, the NYSDEC and the New York State Department of Health (NYSDOH) requested that vacuum measurements be obtained beneath the concrete slabs within the basements of the Rite Aid Pharmacy, Blockbuster Video, and Citibank prior to, during operation of, and following shutdown of the soil vapor extraction (SVE) system. The purpose of obtaining the vacuum measurements is to

demonstrate that the SVE system is capable of creating sufficient negative pressure beneath the basements that it can be operated as a depressurization system.

The SRIWP was accepted by the NYSDEC and the NYSDOH in correspondence dated May 13, 2011.

Site Location

The Site is a small shopping center located at the intersection of 73rd Avenue and 188th Street in Fresh Meadows, Queens County, New York. The shopping center is currently comprised of a Chinese food store, a nail salon, a branch of CitiBank, a Blockbuster Video store, a Rite Aid Pharmacy store, and the former New York Express Dry Cleaners (New York Express), which had operated retail dry cleaning on their premises. New York Express was located at the north end of the shopping center and is adjacent to the Rite Aid Pharmacy. Figure 1 presents a site location map and Figure 2 presents a site plan.

Summary of Remedial Response Actions

A chronology of remedial response actions is presented below. Details of the response actions are presented in the SRIWP.

- In August of 1997, a Phase II Environmental Site Assessment (ESA) of the Site was conducted. The assessment indicated detectable concentrations of tetrachloroethene (PCE) and trichloroethene (TCE) in soil and groundwater samples. An apparent abandoned fuel oil underground storage tank (UST) was identified behind the New York Express premises during the Phase II ESA.

- On November 21 and November 26, 1997, a subsurface assessment of the former UST area, which is located adjacent to the northwestern corner of New York Express, was conducted. The subsurface assessment indicated the presence of PCE, TCE, cis-1,2-dichloroethene (cis-DCE), petroleum-related VOCs, and semi-volatile organic compounds (SVOCs) in the soil samples and PCE, TCE, cis-DCE. Petroleum-related volatile organic compounds (VOCs), specifically naphthalene and sec-butyl benzene, were also detected in the groundwater samples

- On April 10, 2001, soil sampling, soil gas sampling, and soil gas field screening were conducted. PCE and TCE were detected in soil and soil gas samples collected near the apparent source area and under the basement floor slab of New York Express, but at concentrations below the NYSDEC Technical Administrative Guidance Memorandum (TAGM) – Determination of Soil Cleanup Objectives and Cleanup Standards.

- On March 13, 2002, the NYSDEC and MHB executed a Voluntary Cleanup Agreement for the remediation at the Site.

- A Remedial Investigation/Remedial Action Workplan (RI/RAW) was prepared in 2003. The workplan was conditionally approved for implementation by NYSDEC in April 2004 and finalized in June 2004. The RI/RAW was implemented during the period from May to October 2004. The results of the RI were summarized in a report dated November 17, 2004.

- During the period from May to October 2004, monitoring wells MW-1 through MW-4 and MW-6 were installed at the Site. Groundwater samples were collected in September and October 2004 from the five groundwater monitoring wells. The September 2004 groundwater sample results indicated concentrations of PCE in all of the samples, and TCE and cis-DCE in some of the samples. PCE was detected at concentrations above the guidance value being used (0.7 µg/L) in wells MW-1 (50 µg/L), MW-2 (7.4 µg/L), MW-3 (7 µg/L), MW-4 (20 µg/L), and MW-6 (24 µg/L). Concentrations of cis-DCE reported in wells MW-1 (62 µg/L) and MW-4 (16 µg/L) also exceeded the standard being used at the time (5 µg/L). The TCE concentration in MW-1 (12 µg/L) exceeded the standard being used at the time (5 µg/L).

  The October 2004 groundwater sample results indicated that PCE concentrations exceeded the then current guidance value of 0.7 µg/L in wells MW-1 (14 µg/L), MW-2 (2.5 µg/L), MW-3 (2.2 µg/L), MW-4 (7.4 µg/L) and MW-6 (2.1 µg/L). The concentration of cis-DCE reported in wells MW-1 (68 µg/L), MW-2 (12 µg/L), MW-3 (9 µg/L) and MW-4 (40 µg/L) exceeded the then current standard of 5 µg/L. The TCE concentration reported in wells MW-1 (64 µg/L), MW-2 (13 µg/L), MW-3 (16 µg/L), MW-4 (32 µg/L) and MW-6 (19 µg/L) exceeded the then current standard of 5 µg/L.

- A SVE test was also conducted during the period from May to October 2004 by connecting a portable SVE system to one of two vapor extraction wells and collecting field data for air flow rates, vacuum influence, and VOC concentrations. Significant vacuum influence was measured in all test wells, indicating a relatively large radius of influence (approximately 110 feet). The vacuum influence appeared to decrease linearly with increasing distance from SVE-1 to a distance of 40 feet. However, over the next 70 feet, the rate of measured vacuum loss appeared to decrease more sharply as evidenced by the vacuum influence measured at VMP-2 (65 feet) and VMP-3 (110 feet). Vacuum influence was discernable almost immediately in all vapor-monitoring wells.

- Based on the testing with the portable SVE system, a SVE system was designed and, in January 2006, installed at the Site to remediate the chlorinated solvent impacted soil in the area of concern. The system was designed to extract soil vapor from two extraction wells, SVE-1 and SVE-2, which are approximately 38 feet in depth and are screened at approximately 6 feet to 38 feet bgs. A Rotron® six horsepower regenerative blower is used for the vacuum extraction of soil vapor. The SVE system operates at approximately 80 inches (in.) w.c. to 100 in. w.c. and produces 80 standard cubic feet per minute (scfm).

- On April 19, 2005, the NYSDEC accepted the part of the Site impacted by dry cleaning chemicals into the Brownfields Program.

- Indoor air quality (IAQ) sampling and sub slab soil vapor sampling have been conducted in the basement spaces of the CitiBank, Blockbuster Video store, and the Rite Aid Pharmacy during the heating seasons of 2006, 2007, 2008, 2009, and 2010. The results of the last SVE influent sampling, which was conducted in September 2009, and the last IAQ and sub slab sampling, which were conducted in late March 2010, are summarized below:

- ✓ There has been a significant reduction in the level of VOCs in the samples since system operation started. PCE decreased from 81,374 µg/m^3 in October 2004 to 1,670 µg/m^3 in September 2009, while TCE decreased from 6,449 µg/m^3 to 93 µg/m^3 and cis-DCE decreased from 5,700 µg/m^3 to 80.1 µg/m^3 during the same period. The October 2004 SVE influent sample was collected during the pilot study after the vacuum was applied to SVE-1 for 115 minutes.

- ✓ The IAQ sample results from March 2011 do not exceed the NYSDOH indoor air guideline of 100 µg/m^3 for PCE and 5µg/m^3 for TCE. The basements are used for various retail products inventory management and have occasional visits from employees.

- ✓ Based on the latest sampling results from March 2010, any residual PCE or TCE below the Site does not appear to be causing an indoor air quality problem, and the analytical results of the SVE system influent samples demonstrate that the SVE system has been successful in significantly reducing PCE and TCE concentrations.

Physical Setting

The surficial geology of the Site and Central and South Long Island is characterized by Pleistocene deposits of glaciofluvial origin and a thin mantle of Holocene soil. Previous borings indicate that approximately 5 to 9 feet of fill material underlies the Site. Groundwater occurs and flows within the unconsolidated Pleistocene sediments that underlie the Site. The direction of groundwater flow is northerly and previous groundwater contour maps have depicted groundwater flow to the northwest. The most recent groundwater contour map, which is presented as Figure 2 in this report, depicts groundwater flow to the northeast.

Soil Sampling

The post-remediation confirmatory soil sampling program was conducted adjacent to the former UST location. The highest concentrations of PCE, TCE, and cis-DCE were previously detected in soil samples collected in this area. Previous borings B-1, B-2, and B-3 were advanced and sampled in this area, but were sampled only to the depth at which groundwater is typically encountered. Four boring locations consistent with the locations of the previous borings were selected and designated by AMEC as SB-1 through SB-4. Borings could not be advanced within the former UST excavation since this area is occupied by the SVE system and the shed that houses it.

In addition to elevated concentrations of PCE, TCE, and cis-DCE, elevated concentrations of SVOC were also previously detected in soil samples collected in this area. Metals analysis, polychlorinated biphenyl (PCB) analysis, and pesticide and herbicide analysis, all of which are now required under the NYSDEC Brownfields Program, were not conducted because the part of the Site apparently impacted by dry cleaning chemicals was not in the program during the performance of the previous investigations and NYSDEC did not require such analyses. As presented in the SRIWP, soil samples collected for the post remediation confirmatory soil sampling program were submitted for the following analyses:

- VOC analysis in accordance with United States Environmental Protection Agency (USEPA) Method 8260;
- SVOC analysis in accordance with USEPA Method 8270;
- PCB analysis in accordance with USEPA Method 8082;
- Metals analysis in accordance with USEPA Method 6010B;
- TCL Pesticides in accordance with USEPA Method 8081A; and
- Herbicides (full list) in accordance with USEPA Method 8151A

On July 25, 2011, prior to any drilling activities, TPI Environmental, Inc. (TPI), a private utility survey/mark out contractor located in New Hope, Pennsylvania, conducted a surface geophysical survey of the four proposed boring locations (SB-1 through SB-4) to determine the presence of any subsurface utilities. On July 26, 2011, Zebra Environmental Corporation (Zebra), located in Lynbrook, New York, cleared each of the proposed boring locations to a depth of approximately 6 to 7 feet below the ground surface (bgs) using a Vacmaster/Utilivac pneumatic lancing and vacuum extraction procedure to ensure there were no subsurface utilities. AMEC provided oversight to TPI and Zebra during the clearance of the proposed boring locations.

On July 27, 28, and 29, 2011, Aquifer Drilling and Testing, Inc. (ADT), a New York certified drilling company located in New Hyde Park, New York, advanced soil borings SB1-1 through SB-4. An auger drilling rig was used to advance the borings and soil samples were collected with a stainless steel split spoon sampler. AMEC supervised the advancement of the four borings to groundwater, which was encountered at a depth of approximately 36 to 37 feet bgs. Soil samples were collected continuously to groundwater. As a soil sample was retrieved, the soil was screened with a Mini Rae Model 2000 photo-ionization detector (PID), visually inspected, and classified as to lithology. The PID screening did not indicate the presence of VOCs or SVOCs in the soil samples. Likewise, field observations, such as staining and odors, did not indicate the presence of VOCs, SVOCs, or other chemical compounds in any of the soil samples. The lithology of the soils, PID measurements, and other field observations were recorded by AMEC in a site-dedicated project field book. Boring logs were prepared from the field observations and measurements and are in Attachment A.

A minimum of three soil samples from each boring location were submitted for laboratory analysis. Because PID screening and field observations did not indicate the presence of VOC, SVOC, or other chemical compounds in the soil, samples collected from the following depth intervals in each of the four borings were submitted to the laboratory for analysis: samples of the fill that underlies the site (approximately 5 to 9 feet bgs), which also corresponds to a depth within a foot of the bottom of the previous UST; samples of the native soil at a depth of 11to 24 feet bgs, and samples of the native fill just above the groundwater table (35 to 37 feet bgs). The soil samples collected from the native soil were submitted to Accutest Laboratory, Inc, (Accutest), a New York certified laboratory (New York State certification number 10983) located in Dayton, New Jersey, for VOC and SVOC analyses. Soil samples selected for laboratory VOC analysis were collected in four-ounce glass jars and the soil samples selected

for SVOC laboratory analysis were collected in 500-milliliter glass containers. The samples collected of the fill material were submitted to Accutest for the analysis of metals, PCB, and pesticides and herbicides. The metals, PCB, and pesticide and herbicide samples were collected in 1300-milliliter glass containers. All of the soil samples were representative of the Site's condition (i.e. native soil or fill material), and soil samples were not collected from materials previously used to backfill the UST excavation area. Table 1 presents a summary of soil sample information.

Upon collection, the soil samples were placed in a chilled cooler. Non-disposable drilling and soil sampling equipment was decontaminated prior to its use at each location. Sample containers were supplied by Accutest. A duplicate sample was used for quality assurance/quality control (QA/QC). Chain-of-custody protocol and documentation were adhered to throughout the handling, packaging, and delivery of the samples to Accutest.

Groundwater Sampling

There are currently five monitoring wells at the Site. The monitoring wells are designated MW-1 through MW-4 and MW-6. Monitoring well MW-5 was abandoned. Figure 2 presents the locations of the monitoring wells. The monitoring well logs are in Attachment B.

On July 25 and 26, 2011, the monitoring wells were redeveloped to remove any sediment that may have entered them since the wells were last sampled in October 2004. An overpump method was used to redevelop the wells. The wells were pumped until the groundwater was relatively free of sediment and discoloration. Approximately 60 to 70 gallons of groundwater was pumped from each of the wells during redevelopment. The groundwater pumped from the wells was treated on site with granular activated carbon and discharged to the paved surface of the parking lot.

On August 10, 2011, approximately 14 days after the monitoring wells were redeveloped, groundwater samples were collected from the wells. A low flow purging and sampling method consistent with the USEPA Region I Low Stress Purging and Sampling Procedure for the collection of Groundwater Samples from Monitoring Wells, July 30, 1996, was used to collect the groundwater samples at the Site. The first step of the sampling procedure was to gauge the depth to groundwater with an electronic water level indicator. Next, a stainless steel submersible pump and dedicated tubing was lowered into each well. The tubing was connected to an electronic multi-parameter meter in order to measure the stabilization of the groundwater in each well as it was being purged. The flow rate was approximately 200 to 500 milliliters per minute (ml/min) and was adjusted depending on the drawdown of the groundwater in the well. The following field parameters were measured with the multi-parameter meter: dissolved oxygen (DO), conductivity, pH, oxidation/reduction potential (ORP), turbidity (NTU) and temperature. The field measurements and the groundwater level in the wells were measured at five-minute intervals. All field measurements were recorded on sampling sheets.

When the measurements indicated stabilization, a groundwater sample was collected through the tubing in labeled 40-milliliter (ml) glass vials, with Teflon septum and preserved with hydrochloric acid. The groundwater samples were collected with care to eliminate the formation of any air bubbles within the vials. The groundwater samples were placed in an iced cooler for preservation immediately upon

collection. The groundwater samples were submitted to Accutest for VOC analysis in accordance with USEPA Method 8260. A summary of groundwater sample information is presented in Table 1.

In addition to the groundwater samples that were collected at each of the monitoring wells during the sampling event, a duplicate QA/QC sample was collected. A duplicate groundwater sample was collected from one of the monitoring wells and submitted for VOC analysis.

Chain-of-custody protocol and documentation were adhered to throughout the handling, packaging, and delivery of the samples to Accutest. Sample containers were supplied by Accutest. Non-disposable groundwater purging and sampling equipment was decontaminated with a tap water and Liquinox scrub and distilled water rinse, prior to its use at each well location.

Soil Gas Sampling

Soil gas sampling was conducted in the southwestern corner of the Site's parking lot near the southeastern exterior wall of the building occupied by Preschool of America, which is located next to the parking lot of the shopping center. The purpose of the soil gas sampling was to evaluate the potential for soil gas migration and offsite exposure to PCE and TCE following the SVE remediation of the soil in the apparent source area adjacent to the former New York Express.

On July 25, 2011, prior to any drilling activities, TPI conducted a surface geophysical survey of the two proposed soil gas sampling point locations (VMP-12 and VMP-13) to determine the presence of any subsurface utilities. On July 26, 2011, Zebra cleared each of the proposed boring locations to a depth of approximately 8 feet bgs using a Vacmaster/Utilivac pneumatic lancing and vacuum extraction procedure to ensure there were no subsurface utilities. AMEC provided oversight to TPI and Zebra during the clearance of the proposed boring locations.

On July 27, 2011, ADT, under AMEC's supervision, installed two permanent soil gas sampling points within the asphalt paved parking lot of the southwestern corner of the Site. Figure 2 presents the locations of the soil gas sampling points. The installation of the soil vapor sampling points beneath the surface confinement of the asphalt pavement helped to ensure that the soil gas samples are representative of the subsurface beneath the pavement. The soil vapor sampling points were installed approximately 14 feet east of the exterior wall of the building occupied by Preschool of America so as to be away from any fill material that may be surrounding the building and be influenced by the heating, ventilation, and air conditioning (HVAC) systems of the building or mechanical equipment within the building, such as clothes dryers or exhaust fans or vents.

Each of the soil gas sampling points was constructed in the same manner to minimize possible discrepancies. A 4-inch diameter borehole was advanced to a depth of 10 feet bgs to ensure that the soil vapor monitoring point is below the footer of the building. A 2-foot length of 1-inch diameter Schedule 40 polyvinyl chloride (PVC) 0.010-inch factory slotted well screen was affixed to a 8-foot length of 1-inch diameter PVC solid pipe and placed into the 4-inch diameter borehole such that the screened section extends from 8 to 10 feet below the ground surface. Clean coarse quartz sand was then poured into the annular space around the screened section and approximately 2 to 4 inches above the screen. A bentonite

seal several inches thick was placed into the annular space around the solid PVC pipe above the sand filter pack. The remaining annular space around the solid PVC pipe was backfilled with clean soil and a bentonite seal was placed above the backfill. The soil gas sampling point was completed to grade with a flush mounted man way. A connector was affixed to the top of the 1-inch diameter solid PVC pipe. A hex socket plug was inserted into the connector and the completed point was placed slightly below the surface of the asphalt pavement.

On July 28, 2011, prior to the collection of the soil gas samples, helium gas was used to check the integrity of the sampling methodology, in accordance with the NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). The area immediately surrounding the sample point was covered with a polyethylene bag. The sample tubing was connected to a purge pump through the plastic bag. The tracer gas tubing penetrated the plastic bag. The bag was sealed with modeling clay. To seal the polyethylene bag to the ground surface modeling clay was placed in a ring around the soil gas monitoring point. Prior to setting the seal, two holes were cut through the bottom of the bag, one for the sample tubing and one for the tracer gas tubing. Each hole was sealed with modeling clay prior to sampling.

When the sample purge was started, the flow of the helium tracer gas was also initiated. A portable helium analyzer was used to monitor the purge pump exhaust for signs of the tracer gas. Tracer gas flow was controlled to maintain nearly atmospheric pressure around the sampling connections. No helium was detected in the purge pump exhaust and so the probe seal did not need to be enhanced in order to prevent the infiltration of outdoor air.

The soil gas samples were collected in 6-liter Summa® canisters at a flow rate of 100 ml/minute to achieve the laboratory's minimum reporting limits. The flow rate was controlled by a laboratory provided flow controller that connects to the Summa® canister. The Summa® canisters were connected to a male fitting on the connector on the top of the sampling point with ¼-inch Teflon® tubing. The soil gas samples were submitted to Accutest for VOCs analysis in accordance with USEPA Method TO-15. Chain-of-custody protocol and documentation were adhered to throughout the handling, packaging, and delivery of the samples to the analytical laboratory. Care was exercised during the sample collection procedures to minimize the possibilities of sampling errors. AMEC personnel avoided any actions that could cause sample interference. Laboratory-supplied and certified pre-cleaned Summa® canisters and fittings were used for soil gas sampling. New Teflon tubing and hose fittings were used where sample tubing was required.

One field duplicate was collected during the sampling event. To ensure proper sample duplication a "Y" fitting was connected to one end of the fitting, which was connected to the soil gas sampling point and two Summa® canisters were connected to the other ends of the fitting. The flow controller for the duplicate canister and sample canister were set to one-half the flow of the other sample canister. Thus, the combined flow rates of the duplicate sample equaled the flow rate of one field sample. The canisters were opened and closed simultaneously during sampling to ensure accurate splitting. The duplicate sample was also submitted to Accutest for VOC analysis in accordance with USEPA Method TO-15 in order to fulfill quality control requirements. A summary of soil gas information is presented in Table 1.

Basement Sub Slab Vacuum Measurements

Sub slab vacuum measurements were obtained by AMEC from beneath the basement concrete slabs of Rite Aid Pharmacy, Blockbuster Video, and CitiBank on July 25, 2011. Figure 2 presents the locations of the Rite Aid Pharmacy, Blockbuster Video, and CitiBank. The vacuum measurements were obtained in a manner consistent with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York. The sub slab points were designated by location (i.e. Blockbuster Video, Rite Aid Pharmacy, and CitiBank). Semi-permanent sub slab sampling points were installed using the sub slab vapor sampling points that have previously been installed and sampled in the basements of these businesses. Just prior to obtaining the measurements, a visual inspection of the building floor was conducted. Cracks, floor drains, utility perforations, sumps, etc. were noted.

The sub slab measurement points were constructed using a 1-inch hole through the basement floor which had previously been drilled. A small diameter steel tube was manually driven into the sub-slab aggregate approximately two inches and a petcock with a connector was tightly affixed to the top of the tube. A short length of 0.25-inch internal diameter (ID) polyethylene tubing was attached to the connector on the sub slab pipe. The sub slab point was completed by filling the borehole around the tubing with coarse sand to the bottom level of the floor slab and then sealing the point into the floor slab with modeling clay.

When the sub slab points had been installed, a vacuum gauge was attached to the 0.25-inch ID polyethylene tubing of each point and a series of three pressure measurements were obtained from each point over a 25- minute period to establish a baseline for ambient conditions prior to SVE system start up. Upon completion of the ambient baseline measurements, the SVE system was turned on and after operating for 15 minutes, a series of three pressure measurements were collected from each point over a 140- minute period to establish a baseline for SVE conditions. Upon completion of the SVE operation measurements, the SVE system was turned off and a series of two pressure measurements were obtained from each point over a 45- minute period to establish a baseline for SVE conditions. Several vacuum gauges, with different ranges of negative pressure, were used to obtain accurate measurements. Several barometric pressures were obtained from local weather stations during the sub slab pressure testing and documented. The measurements were recorded in a site dedicated field log book.

Results

The results of the Supplemental Remedial investigation are summarized below.

- The analytical results of the soil samples indicated that only the SVOCs benzo (a) anthracene, benzo (a) pyrene, and chrysene were detected at concentrations that slightly exceeded either the NYSDEC Restricted Use Soil Cleanup Objectives for Commercial Areas or the NYSDEC Restricted Use Soil Cleanup Objectives for Protection of Groundwater. These SVOCs were detected in only one soil sample, SB-1 (15 – 15.5), which was collected from boring SB-1 in native soil at a depth interval of 15 to 15.5 feet bgs. No other parameters, including PCE and TCE, were detected in any of the soil samples at concentration that exceeded the above standards or the NYSDEC Unrestricted Use Soil Cleanup Objectives. A summary of the benzo

(a) anthracene, benzo (a) pyrene, and chrysene analytical results for SB-1 (15 – 15.5) is presented in Table 2.

- The analytical results of the groundwater sample collected from the redeveloped monitoring wells MW-1 through MW-4 and MW-6 did not exceed the NYSDEC Technical and Operational Guidance Series (TOGS) for Ambient Water Quality Standards and Guidance Values. The analytical results of VOCs detected in the samples are summarized in Table 3. Groundwater flow, based on the groundwater elevations obtained during the Supplemental Remedial Investigation, is to the northeast. Table 4 presents a summary of groundwater elevations gauged during the Supplemental Remedial Investigation. Figure 2 presents a site plan with groundwater contours.

- The analytical results of the soil gas samples collected from the newly installed permanent monitoring points VMP-12 and VMP-13 indicated PCE concentrations of 52 ug/m^3 and 246 ug/m^3, respectively. The PCE concentration of 246 ug/m^3 exceeds the PCE NYSDOH Air Guideline Value of 100ug/m^3. TCE was not detected in the soil gas samples at a concentration above the laboratory reporting limit.

  Other VOCs detected in the samples included benzene, toluene, ethylbenzene, xylene, and tertiary butyl alcohol (commonly found in gasoline), and acetone (solvent and common laboratory contaminant), heptane (parts cleaner and adhesive cleaner), ethyl acetate (glues, nail polish remover, and paint hardness activator), methyl ethyl ketone (lacquers, varnishes, denatured alcohol, and paint remover), 2-hexanone (paint thinner and media to dissolve wax and oil), methyl isobutyl ketone (solvent for lacquers and nitrocellulose), dichlodifluromethane (refrigerant), and trichlorofluromethane (refrigerant). The analytical results of VOCs detected in the soil gas samples are summarized in Table 5.

- The sub slab vacuum measurements obtained from beneath the basement concrete slabs of Rite Aid Pharmacy, Blockbuster Video, and CitiBank indicate a vacuum is created beneath the slabs by the operation of the SVE system. A summary of the measurements made prior to operation of the SVE system, during operation, and after the SVE system was turned off is presented in Table 6. The SVE system was put into operation upon completion of all field investigation activities to depressurize the soil beneath the basements of the Blockbuster Video, Rite Aid Pharmacy, and CitiBank.

The laboratory analytical reports for the soil, groundwater, and soil gas samples are in Attachment C of this letter report. The Electric Data Deliverable (EDD) of the analytical results will be submitted soon under separate cover.

Conclusions

AMEC has the following conclusions based on the results of the Supplemental Remedial investigation:

- The analytical results of the confirmatory soil samples indicate that the SVE has been effective in remediating the VOCs previously detected in the soil beneath the Site, specifically TCE, PCE, cis-DCE, naphthalene, and sec-butyl benzene.

- The benzo (a) anthracene, benzo (a) pyrene, and chrysene detected in soil sample SB-1 (15 – 15.5) are de minimis residual contaminants near the former fuel oil UST area located adjacent to the northwestern corner of New York Express.

- Based on the results of the sub slab vacuum measurements, the SVE system is capable of depressurizing the soil beneath the basements of the Blockbuster Video, Rite Aid Pharmacy, and CitiBank and should effectively control the potential migration of VOCs in soil gas.

- The SVE system was put into operation upon completion of all field investigation activities to depressurize the soil beneath the basements of the Blockbuster Video, Rite Aid Pharmacy, and CitiBank.

- Concentrations of VOCs in groundwater have decreased significantly to below the NYSDEC TOGS for Ambient Water Quality Standards and Guidance Values since the groundwater samples that were collected in September and October 2004 and the operation of the SVE system, which was installed in 2006.

- The concentration of PCE detected in the soil gas sample collected from VMP-13 seems anomalous for the following Site specific reasons:

    - ✓ PCE was not detected in soil samples collected in the apparent source area, which is approximately 200 feet northeast of the Preschool of America building, at concentrations above the NYSDEC Unrestricted Use Soil Cleanup Objectives.

    - ✓ The analytical results of the SVE system influent samples demonstrate that the SVE system has been successful in significantly reducing PCE concentrations in the apparent source area soil.

    - ✓ PCE concentrations detected in groundwater samples collected from monitoring wells near the apparent source area were very low. Groundwater flow, which can often affect the migration direction of soil vapor, is and has been northerly from the apparent source area, away from the Preschool of America building.

Please contact AMEC if you have any questions or require additional information.

Sincerely,

AMEC ENVIRONMENT & INFRASTRUCTURE, INC.

John P. Mihalich
Principal Geologist

David M. Side, P.G.
Principal Geologist

Attachments: Figures 1 and 2
Tables 1 through 6
Attachments A through C

Cc: Bridget Callaghan – NYSDOH
Mike Curtis – MHB
Joshua Mintz – MHB
Maureen Crough – Sidley Austin, LLP

I, David M. Side certify that I am currently a Delaware State registered professional geologist and that this Supplemental Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

David M. Side

5/16/13

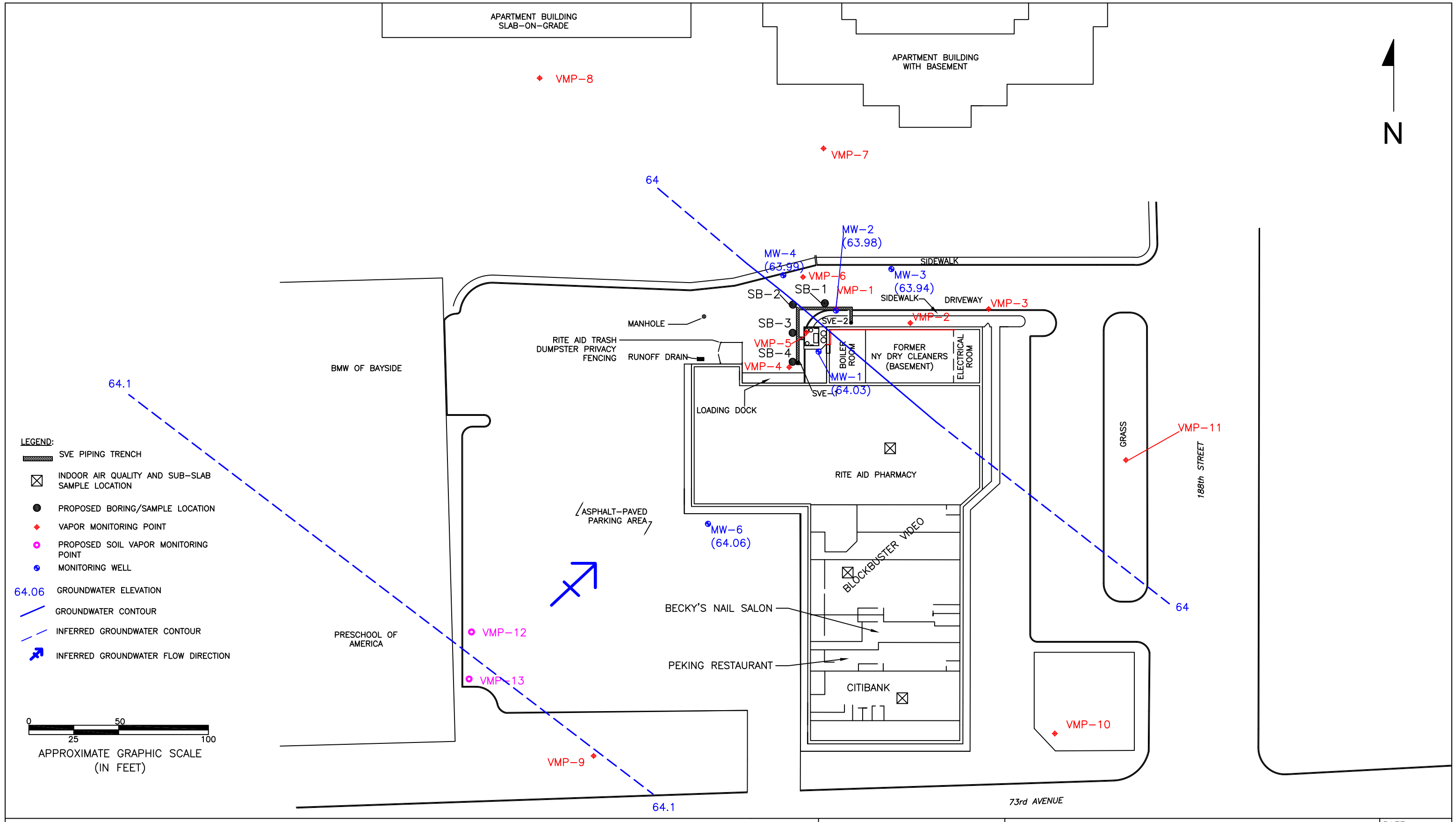
Date: May 16, 2013

FIGURES

amec

1787 Sentry Parkway West
Blue Bell, Pennsylvania 19422

FIGURE 1
SITE LOCATION MAP
73rd AVENUE SHOPPING CENTER
69-60 188th STREET, QUEENS, NEW YORK
MACTEC PROJECT NO.: 3485050051 DRN BY DS
CHKD BY JG



amec

AMEC E&I, Inc.
1787 Sentry Parkway West Suite 120
Blue Bell, PA 19422

FIGURE 2
SITE PLAN AND GROUNDWATER CONTOUR MAP
Supplemental Remedial Investigation Report
73rd Avenue Shopping Center
Project No. 3485050051

DATE: 08/31/2011
DRAWN BY: JC
CHECKED BY: DS

TABLES

Table 1: Sample Summary Table
73rd Avenue Shopping Center
Fresh Meadows, New York
AMEC Project No. 3485.05.0051

Sample Designation	Matrix	Sample Interval (feet bgs)	Analytical Method	Analytical Parameters
SB-1	Soil	9-9.5	SW846, 8260B, 8270D/3550C, 8151/3550C, 8081B/3545A, 8082A/3545A, 6010C/3050B	VOCs, SVOCs, Herbicides, Pesticides, PCBs, Metals
	Soil	15-15.5	SW846, 8260B and 8270D/3550C	VOCs, SVOCs
	Soil	35-35.5	SW846, 8260B and 8270D/3550C	VOCs, SVOCs
SB-2	Soil	7.5-8	SW846, 8260B, 8270D/3550C, 8151/3550C, 8081B/3545A, 8082A/3545A, 6010C/3050B	VOCs, SVOCs, Herbicides, Pesticides, PCBs, Metals
	Soil	11-11.5	SW846, 8260B and 8270D/3550C	VOCs, SVOCs
	Soil	35-35.5	SW846, 8260B and 8270D/3550C	VOCs, SVOCs
SB-3	Soil	7.5-8	SW846, 8260B, 8270D/3550C, 8151/3550C, 8081B/3545A, 8082A/3545A, 6010C/3050B	VOCs, SVOCs, Herbicides, Pesticides, PCBs, Metals
	Soil	15-15.5	SW846, 8260B and 8270D/3550C	VOCs, SVOCs
	Soil	35-35.5	SW846, 8260B and 8270D/3550C	VOCs, SVOCs
SB-4	Soil	8-8.5	SW846, 8260B, 8270D/3550C, 8151/3550C, 8081B/3545A, 8082A/3545A, 6010C/3050B	VOCs, SVOCs, Herbicides, Pesticides, PCBs, Metals
	Soil	23-23.5	SW846, 8260B and 8270D/3550C	VOCs, SVOCs
	Soil	35.5-36	SW846, 8260B and 8270D/3550C	VOCs, SVOCs
VMP-12	Soil Vapor	-	TO-15	VOCs
VMP-13	Soil Vapor	-	TO-15	VOCs
MW-1	Groundwater	-	SW846, 8260B	VOCs
MW-2	Groundwater	-	SW846, 8260B	VOCs
MW-3	Groundwater	-	SW846. 8260B	VOCs
MW-4	Groundwater	-	SW846, 8260B	VOCs
MW-6	Groundwater	-	SW846, 8260B	VOCs

Prepared/Date: VMB 8/25/11
Checked/Date: JPM 8/30/11

Table 2. Soil Sample Analytical Results, July 2011
73rd Avenue Shopping Center
Fresh Meadows, New York
AMEC Project No. 3485.05.0051

MACTEC Sample ID:	NYSDEC Unrestricted Use Soil Cleanup Objectives (375-6.8(b))	NYSDEC Restricted Use Soil Cleanup Objectives for Commercial Areas (375-6.8(b))	NYSDEC Restricted Use Soil Cleanup Objectives Protection of Groundwater (375-6.8(a))	SB-1 (15-15.5)
Lab Sample ID:				JA82254-12
Date Sampled:				7/29/2011
Units:	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	5.6	1	**1.53**
Benzo(a)pyrene	1	1	22	**1.36**
Benzo(b)fluoranthene	1	5.6	1.7	1.36
Benzo(k)fluoranthene	0.8	56	1.7	0.917
Chrysene	1	56	1	**1.52**
Indeno (1,2,3-cd)pyrene	0.5	5.6	8.2	0.717

Notes:
Analysis results are shown in milligrams per kilogram (mg/kg).
Bold-faced and underlined type indicates sample exceeded either Restricted Use Soil Cleanup Objectives (SCO) for Commercial Areas or Protection of Groundwater.

Prepared/Date: VMB 8/25/2011
Checked/Date: DMS 9/2/2011

Table 3: Summary of Detected Volatile Organic Compounds Reported in Groundwater Samples - August 2011
73rd Avenue Shopping Center
Fresh Meadows, New York
AMEC Project No. 3485050051

Well ID:	NY Ambient	MW-1	MW-2	DUP-1 (MW-2)	MW-3	MW-4	MW-6
Sampling Date:	Water Quality Standards	8/10/2011	8/10/2011	8/10/2011	8/10/2011	8/10/2011	8/10/2011
Compound (ug/L)							
Chloroform	7	ND (1.0)	0.33 J	0.37 J	0.26 J	ND (1.0)	ND (1.0)
cis-1,2-Dichloroethene	3	ND (1.0)	0.47 J	0.61 J	ND (1.0)	ND (1.0)	ND (1.0)
Methyl Tert Butyl Ether	NS	1.4	0.39 J	0.39 J	1.3	ND (1.0)	0.42 J
Tetrachloroethene	5	ND (1.0)	4.8	4.5	1.6	2.4	1.2
Toluene	5	2.9	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Trichloroethene	5	ND (1.0)	0.40 J	0.36 J	ND (1.0)	ND (1.0)	ND (1.0)

Prepared By: JMG 8/26/11
Checked By: JPM 8/30/11

NOTES:
Concentrations reported in micrograms per liter (ug/L).
Bold-typeface items indicate the analyte exceeds the NYSDEC TOGS for Ambient Water Quality Standards and Guidance Values.
J - Analyte was found at estimated values below the method detection limit.
NS - No Standard.

Table 4: Summary of Water Level Data Collected
73rd Avenue Shopping Center
Fresh Meadows, New York
AMEC Project No. 3485.05.0051

Well ID	Measuring Point Elevation* (ft relative to onsite datum**)	Measured Depth to Water (ft below top of measuring point)	Groundwater Elevation (ft relative to onsite datum)	Measured Depth to Water (ft below top of measuring point)	Groundwater Elevation (ft relative to onsite datum)	Measured Depth to Water (ft below top of measuring point)	Groundwater Elevation (ft relative to onsite datum)	Measured Depth to Water (ft below top of measuring point)	Groundwater Elevation (ft relative to onsite datum)	Measured Depth to Water (ft below top of measuring point)	Groundwater Elevation (ft relative to onsite datum)
Date		9/1/2004	9/1/2004	10/6/2004	10/6/2004	2/13/2007	2/13/2007	10/31/2007	10/31/2007	8/10/2011	8/10/2011
MW-1	100.82	41.13	59.69	39.71	61.11	37.35	63.47	37.18	63.64	36.79	64.03
MW-2	100.06	38.57	61.49	38.97	61.09	36.59	63.47	36.22	63.84	36.08	63.98
MW-3	100.02	38.97	61.05	38.94	61.08	36.58	63.44	36.09	63.93	36.08	63.94
MW-4	99.54	39.00	60.54	38.50	61.04	36.16	63.38	35.63	63.91	35.65	63.89
MW-6	102.25	39.76	62.49	41.13	61.12	38.73	63.52	38.66	63.59	38.19	64.06

NOTES:
The measuring point of each monitoring well is defined as the "north side" of the top of the PVC casing.
The onsite datum is defined as the top of the base of Light Post A; Assumed elevation is 100 feet.

Prepared By: JPM 9/1/2011
Checked By: DMS 9/2/2011

Table 5: Soil Gas Sampling Results
73rd Avenue Shopping Center
Fresh Meadows, New York
AMEC Project No. 3485.05.0051

	NYSDOH Air Background Values (ug/m^3)	NYSDOH Air Guideline Values (ug/m^3)	VMP-12	VMP-13	DUP-1 (VMP-12)
			7/28/2011	7/28/2011	7/28/2011
Compound (ug/m^3)					
Acetone	32-60	-	60.3	93.8	53.2
Benzene	2.1-5.1	-	8.3	12	8.3
Carbon disulfide	-	-	355	163	389
Chloromethane	-	-	1.1 J	ND (1.7)	ND (1.7)
Cyclohexane	-	-	ND (2.8)	4.5	ND (2.8)
Dichlordifluromethane	-	-	2.8 J	2.4 J	2.7 J
Ethylbenzene	<1.6-3.4	-	ND (3.5)	8.7	ND (3.5)
Ethyl Acetate	-	-	112	ND (2.9)	112
Heptane	-	-	4.5	16	5.7
Hexane	-	-	9.2	29	9.9
2-Hexanone	-	-	3.8	ND (3.3)	3.8
Methyl Ethyl ketone	-	-	10	4.4	9.4
Methyl Isobutyl Ketone	-	-	4.9	ND (3.3)	3.2 J
Propylene	-	-	60.8	127	64.6
Styrene	<1.8	-	91.5	163	99.2
1,2,4-Trimethylbenzene			ND (3.9)	3.5 J	2.0 J
Tertiary Butyl Alcohol	-	-	4.5	ND (2.4)	4.2
Tetrachloroethylene	<1.9-5.9	100	52	**246**	56
Toluene	10.7-26	-	11	93.8	14
Trichloroethene	<1	5	ND (0.86)	ND (0.86)	ND (0.86)
Trichlorofluormethane	-	-	9.0	3.8 J	8.4
m,p-Xylene	-	-	2.6 J	30	4.0
o-Xylene	<2.4-4.4	-	ND (3.5)	9.6	ND (3.5)
Xylenes (total)	<2.4-4.5	-	2.6 J	40	4.0

ND (1.7) indicates compound was not detected at the given minimum reporting limit (RL)
J indicates an estimated value
bold indicates a value is over the NYSDOH Air Guideline Values

Prepared by: VMB 8/26/2011
Checked by: JMG 8/26/2011

Table 6: Vaccum Measurements
73rd Avenue Shopping Center
Fresh Meadows, New York
AMEC Project No. 3485.05.0051

Location	Prior	Operation	Post
Date	7/25/2011	7/25/2011	7/25/2011
Rite-Aid	0	0.22	0.02
Blockbuster	0	0.12	0.02
Citibank	0	0.1	0.02

Notes:
Measurements collected prior to SVE system operation, during SVE system operation, and after the SVE system was turned off.
Measurements collected from beneath concrete slabs of buildings.
Measurements in units of inches of water.

Prepared By: JPM 8/30/11
Checked By: DMS 8/30/11

ATTACHMENT A
SOIL BORING LOGS

MACTEC — SOIL BORING: SB-1

PROJECT: 73rd Ave. Shopping Ctr.	PROJECT LOCATION: Fresh Meadows, NY		PROJECT NO.: 3485050051
CLIENT: MacArthur Foundation		GROUND ELEV.	CHECKED BY: DMS 9/2/11
DRILLING CONTRACTOR: ADT	DRILLER'S NAME: Chris Capodranco	DRILL RIG: HAS	START DATE: 7/29/2011 / FINISH DATE: 7/29/2011
DRILLING METHOD: Split Spoon	SAMPLER: Jesse Garvey	TOTAL DEPTH(FT): 37'	CASING / AUGER
SOIL DRILLED(F: 37' / ROCK DRILLED(FT)	INSPECTOR	PIEZ ☐	BORING ☒ WELL ☐

Depth (ft)	Sample #	Recovery	Water Level	Sample Interval	Graphic Log	Sample Description	USGS Group Symbol	Time of Sample	P.I.D. PPM: Sample	P.I.D. PPM: Head Space	Remarks
0						0-1': Asphalt Softdig to 5'					
1						1'-5': Fill material, dark brown/black					
2											
3											
4											
5	1	0				5'-9': No recovery					
6											
7	2	0									
8											
9	3	1.5'				9'-37': Brown sand		8:30	0		Sample SB-1 (9-9.5)
10									0		
11	4	1'							0		
12									0		
13	5	1'							0		
14									0		
15	6	1.5'						8:50	0		Sample SB-1 (15-15.5)
16									0		

MACTEC — SOIL BORING: SB-1

Depth (ft)	Sample #	Recovery	Water Level	Sample Interval	Graphic Log	Sample Description	USGS Group Symbol	Time of Sample	P.I.D. PPM Sample	P.I.D. PPM Head Space	Remarks
17	7	1.5'							0		
18						18': Rock fragments			0		
19	8	0.5'							0		
20									0		
21	9	0				21'-23': No recovery due to rock fragnents					
22											
23	10	1'						15:25	0		Sample SB-4 (23-23.5)
24									0		
25	11	1.5'							0		
26									0		
27	12	0.5'							0		
28									0		
29	13	1.5'							0		
30									0		
31	14	1.5'							0		
32									0		
33	15	1.5'							0		
34									0		
35	16	1.5'						10:30	0		Sample SB-1 (35-35.5)

MACTEC | **SOIL BORING: SB-1**

Depth (ft)	Sample #	Recovery	Water Level	Sample Interval	Sample Description	USGS Group Symbol	Time of Sample	P.I.D. PPM Sample	P.I.D. PPM Head Space	Remarks
36			▽		36': GW			0		
								0		
37					37': End of boring, GW at 36'					

MACTEC — SOIL BORING: SB-2

PROJECT: 73rd Ave. Shopping Ctr.	PROJECT LOCATION: Fresh Meadows, NY		PROJECT NO.: 3485050051
CLIENT: MacArthur Foundation		GROUND ELEV.	CHECKED BY: DMS 9/2/11
DRILLING CONTRACTOR: ADT	DRILLER'S NAME: Chris Capodranco	DRILL RIG: HAS	START DATE: 7/28/2011 / FINISH DATE: 7/28/2011
DRILLING METHOD: Split Spoon	SAMPLER: Jesse Garvey	TOTAL DEPTH(FT): 36'	CASING / AUGER
SOIL DRILLED(F): 37' / ROCK DRILLED(FT)	INSPECTOR	PIEZ ☐	BORING ☒	WELL ☐

Depth (ft)	Sample #	Recovery	Water Level	Sample Interval	Graphic Log	Sample Description	USGS Group Symbol	Time of Sample	P.I.D. PPM: Sample	P.I.D. PPM: Head Space	Remarks
0						0-1': Asphalt Softdig to 5'					
1						1'-5': Fill material, dark brown/black					
2											
3											
4											
5	1	1'				5'-9': Dark brown sand			1.4		
6									1.6		
									0.8		
7	2	1'							4.2		
								12:00	2.7		Sample SB-2 (7.5-8) and Dup-1
8									2.2		
9	3	0.5'				9'-36' Brown sand			2.5		
10									0.3		
									0		
11	4	1'						12:10	1.8		Sample SB-2 (11-11.5)
12						12': Rock fragments			0.4		
									0		
13	5	0				13'-15': No recovery due to rock fragments					
14											
15	6	1'				15'-15.5: Rock fragments			0.4		
									0.3		
16											

MACTEC — SOIL BORING: SB-2

Depth (ft)	Sample #	Recovery	Water Level	Sample Interval	Graphic Log	Sample Description	USGS Group Symbol	Time of Sample	P.I.D. PPM Sample	P.I.D. PPM Head Space	Remarks
									0.3		
17	7	1.5'							0.6		
									0.5		
18									0.2		
19	8	1.5'							0.1		
									0.1		
20									0.1		
						20.5': Rock fragments			0.1		
21	9	1.5'							0.1		
									0.1		
22									0.1		
									0.1		
23	10	1.5'							0.1		
						23.5'-24' Rock fragments, gray/brick color			0.1		
24									0.1		
									0.1		
25	11	1'				25'-29': No recovery due to rock fragments			0		
									0		
26									0		
									0		
27	12	1'							0		
									0		
28									0		
									0		
29						29'-32': No recovery due to rock fragments					
30											
31											
32	13	1'				32.5': Rock fragments			0		
									0		
33									0		
34	14	1.5'							0		
									0		
35						35: Rock fragments			0		
		▽				35.5': GW		14:25			Sample SB-2 (35-35.5)

MACTEC	SOIL BORING: SB-2	
36	36': End of boring, GW at 35.5'	

MACTEC | SOIL BORING: SB-3

PROJECT: 73rd Ave. Shopping Ctr.		PROJECT LOCATION: Fresh Meadows, NY	PROJECT NO.: 3485050051
CLIENT: MacArthur Foundation			GROUND ELEV.: — / CHECKED BY: DMS 9/2/11
DRILLING CONTRACTOR: ADT	DRILLER'S NAME: Chris Capodranco	DRILL RIG: HAS	START DATE: 7/28/2011 / FINISH DATE: 7/28/2011
DRILLING METHOD: Split Spoon	SAMPLER: Jesse Garvey	TOTAL DEPTH(FT): 37'	CASING: — / AUGER: —
SOIL DRILLED(F): 37' / ROCK DRILLED(FT):	INSPECTOR:		PIEZ ☐ / BORING ☒ / WELL ☐

Depth (ft)	Sample #	Recovery	Water Level	Sample Interval	Graphic Log	Sample Description	USGS Group Symbol	Time of Sample	P.I.D. PPM: Sample	P.I.D. PPM: Head Space	Remarks
0						0-1': Asphalt Softdig to 5'					
1						1'-5': Fill material, dark brown/black					
2											
3											
4											
5	1	0.5'				5'-9': Dark brown sand		3.1			
6								2.5			
7	2	1.5'						4.0			
8								3.5			Sample SB-3 (7.5-8)
								2.2			
9								2.0			
	3	1'				9'-37': Brown sand		1.5			
10								0.5			
								0.4			
11	4	2'						0.4			
12								0.6			
								0.6			
13								0.5			
	5	2'						0.3			
14								0.5			
								0.2			
15								0.2			
	6	1.5'						0.5			Sample SB-3 (15-15.5)
16								0.2			

MACTEC — SOIL BORING: SB-3

Depth (ft)	Sample #	Recovery	Water Level	Sample interval	Graphic Log	Sample Description	USGS Group Symbol	Time of Sample	P.I.D. PPM: Sample	P.I.D. PPM: Head Space	Remarks
								0.2			
17	7	1.5'						0.2			
								0.3			
18								0.2			
19	8	1.5'						0.3			
						19.5': Black sand		0.3			
20						20.5': Rock fragments		0.3			
21	9	1.5'						0.2			
								0.2			
22								0.2			
23	10	1.5'						0.2			
						23.5': Rock fragments		0.2			
24								0.2			
						24.5': Rock fragments					
25	11	1'						0.2			
26								0.2			
27	12	1'						0.2			
						27.5': Rock fragments		0.2			
28											
29	13	1.5'						0.2			
								0.2			
30								0.2			
31	14	1.5'						0.2			
								0.2			
32								0.2			
33	15	1.5'						0.2			
								0.2			
34								0.2			
35	16	1.5'						0.2			Sample SB-3 (35-35.5)
								0.2			

MACTEC	SOIL BORING: SB-3	
36		
	36': GW	0.2
37	37': End of boring, GW at 36.5'	

MACTEC

SOIL BORING: SB-4

PROJECT 73rd Ave. Shopping Ctr.		**PROJECT LOCATION** Fresh Meadows, NY	**PROJECT NO.** 3485050051
CLIENT MacArthur Foundation			**GROUND ELEV.** / **CHECKED BY:** DMS 9/2/11
DRILLING CONTRACTOR ADT	**DRILLER'S NAME** Chris Capodranco	**DRILL RIG** HAS	**START DATE** 7/27/2011 / **FINISH DATE** 7/27/2011
DRILLING METHOD Split Spoon	**SAMPLER** Jesse Garvey	**TOTAL DEPTH(FT)** 37'	**CASING** / **AUGER**
SOIL DRILLED(F 37'	**ROCK DRILLED(FT)** / **INSPECTOR**		**PIEZ** [ ] **BORING** [x] **WELL** [ ]

Depth (ft)	Sample #	Recovery	Water Level	Sample Interval	Graphic Log	Sample Description	USGS Group Symbol	Time of Sample	P.I.D. PPM Sample	P.I.D. PPM Head Space	Remarks
0						0-1': Asphalt Softdig to 5'					
1						**1'-7.5':** Fill material, dark brown/black					
2											
3											
4											
5	1	0.5'							3.5		
6									3.5		
7	2	2'							3.5 0.1		
8						7.5'-9.5': Dark brown sand		14:00	0.1 0.1		Sample SB-4 (8-8.5)
9	3	2'							0.1 0.8		
10						9.5'-37' Brown sand			1.7 0.4		
11	4	2'							0.5		
12									0.5 0.2		
13	5	1.5'							0.3 0.3		
14									0.3		
15	6	1'							2.5		
16									0 0		

MACTEC — SOIL BORING: SB-4

Depth (ft)	Sample #	Recovery	Water Level	Sample Interval	Graphic Log	Sample Description	USGS Group Symbol	Time of Sample	P.I.D. PPM Sample	P.I.D. PPM Head Space	Remarks
16						16': White rock fragments					
17	7	1.5'							0.8		
									0.7		
18									1.7		
						18.5': Rock fragments			0.7		
19	8	1'							1.3		
						19.5'-20': White rock fragments			0.5		
20									0.3		
21	9	0				21'-23': No recovery due to rock fragments					
22											
23	10	2'						15:25	0.8		Sample SB-4 (23-23.5)
									0.3		
24									0.3		
									0.3		
25	11	0				25'-29': No recovery due to rock fragments					
26											
27	12	0									
28											
29	13	1.5'							0.3		
									0.3		
30									0.3		
									0.3		
31	14	2							0.3		
									0.3		
32									0.3		
									0.3		
33	15	1.5'							0.3		
									0.3		
34									0.3		
									0.3		
35	16	1.5'							0.3		
								16:05	0.3		Sample SB-4 (35.5-36)
36			▽			36.5': GW			0.3		
37						37': End of boring, GW at 36.5'			0.3		

ATTACHMENT B
MONITORING WELL LOGS

MACTEC

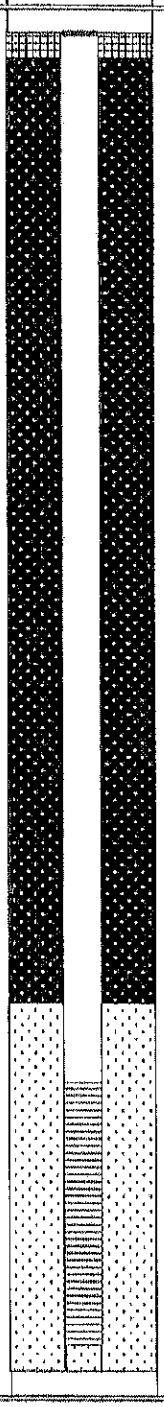
5205 Militia Hill Road
Plymouth Meeting, Pennsylvania 19462

Project No.	3485040034.03	Well ID:,	MW-1
Contractor:	Summit Drilling	Drilling Method:	Air Rotary and Hollow-Stem Auger
Drill Crew:	Dan David Russell	Logged by:	Charlie Charlesworth
Date Started:	8/6/2004	Date Finished:	8/9/2004

Project Name and Location:
NY Express Dry Cleaners
6960 188th Street, Fresh Meadows
Queens, New York

PVC Elevation: N/A

First water during drilling (feet bgs): 39'

DEPTH (feet)	LITHOLOGY	ORGANIC VAPORS	CONSTRUCTION DIAGRAM	WELL CONSTRUCTION DESCRIPTION
0	Concrete	0ppm		0-1' Cement flushmount with steel casing 0-40' 2-inch PVC casing 1-37' Bentonite seal
5	Unconsolidated fill material	0 ppm		
10	Unconsolidated fill material	0 ppm		
15	Silty sand - brown, solvent odor present	72.2 ppm		
20	Silty sand - brown, moist	27.9 ppm		
25	Silty sand - brown	10.9 ppm		
30	Silty sand - brown	5.0 ppm		
35	Silty sand - medium grained, brown	1.1 ppm		37-60' Sandpack, #1 sand 39' First water
40	Silty sand - brown, moist	0 ppm		40-60' 2-inch PVC screen, 10 slot
45	Silty sand - brown, moist	0 ppm		
60	No cuttings			60' Total depth of monitoring well

MACTEC

6205 Militia Hill Road
Plymouth Meeting, Pennsylvania 19462

Project No.	3485040034.03	Well ID:	MW-2
Contractor:	Summit Drilling	Drilling Method:	Air Rotary
Drill Crew:	Dan David	Logged by:	Charlie Charlesworth
Date Started:	8/5/2004	Date Finished:	8/10/2004

Project Name and Location:
NY Express Dry Cleaners
6960 188th Street, Fresh Meadows
Queens, New York

PVC Elevation: N/A

First water during drilling (feet bgs): 39'

DEPTH (feet)	LITHOLOGY	ORGANIC VAPORS	CONSTRUCTION DIAGRAM	WELL CONSTRUCTION DESCRIPTION
0	Backtop (0-4")	0 ppm		0-1' Cement flushmount with steel casing 0-40' 2-inch PVC casing 1-30' Sand
5	Sand - coarse grained, brown moist	0 ppm		
10	Silty sand - fine to coarse grained, pebbles, moist, brown	0 ppm		
15	Silty sand - medium grained, some cobbles, some clay, moist, brown	0 ppm		
20	Silty sand - medium grained, cobbles, moist, brown	0 ppm		
25	Silty sand - medium grained, slightly moist	0 ppm		
30	Silty sand - fine to medium grained, moist, brown, with cobbles	0 ppm		30-35' Bentonite seal
35	Silty sand - fine to medium grained, moist, brown, with cobbles through 45'bgs	0 ppm		35-50' Sandpack, #1 sand
40		0 ppm		39' First water 40-50' 2-inch PVC screen, 10 slot
45	No Cuttings from 45-50'bgs	0 ppm		
50				50' Total depth of monitoring well

MACTEC

5205 Militia Hill Road
Plymouth Meeting, Pennsylvania 19462

Project No.	3485040034.03	Well ID:.	MW-3
Contractor:	Summit Drilling	Drilling Method:	Air Rotary
Drill Crew:	Dan David	Logged by:	Charlie Charlesworth
Date Started:	8/5/2004	Date Finished:	8/10/2004

Project Name and Location:
NY Express Dry Cleaners
6960 188th Street, Fresh Meadows
Queens, New York

PVC Elevation: N/A

First water during drilling (feet bgs): 39'

DEPTH (feet)	LITHOLOGY	ORGANIC VAPORS	CONSTRUCTION DIAGRAM	WELL CONSTRUCTION DESCRIPTION
0	Backtop (0-4")	0ppm		0-1' Cement flushmount with steel casing 0-40' 2-inch PVC casing 1-30' Sand
5	Silty sand - fine grained, damp dark brown	0 ppm		
10	Silty sand - Fine grained, brown	0 ppm		
15	Silty sand - fine to medium grained, some cobbles	0 ppm		
20	Silty sand - fine to medium grained, damp, brown, some cobbles	0 ppm		
25	Silty sand - fine to medium grained, brown, cobbles and pebbles intermixed	0 ppm		
30	Silty sand - fine to medium grained	0 ppm		30-35' Bentonite seal
35	Silty sand - fine grained, brown, moist, with some cobbles	0 ppm		35-50' Sandpack, #1 sand 39' First water
40	Silty sand - medium grained	0 ppm		40-50' 2-inch PVC screen, 10 slot
45	Silty sand - medium grained some pebbles	0 ppm		
50	Sand - coarse grained, wet, brown, with some pebbles	0 ppm		50' Total depth of monitoring well

MACTEC

5205 Militia Hill Road
Plymouth Meeting, Pennsylvania 19462

Project No.	3485040034.03	Well ID:	MW-4
Contractor:	Summit Drilling	Drilling Method:	Air Rotary and Hollow-Stem Auger
Drill Crew:	Dan David	Logged by:	Charlie Charlesworth
Date Started:	8/6/2004	Date Finished:	8/10/2004
First water during drilling (feet bgs):	39'		

Project Name and Location:
NY Express Dry Cleaners
6960 188th Street, Fresh Meadows
Queens, New York

PVC Elevation: N/A

DEPTH (feet)	LITHOLOGY	ORGANIC VAPORS	CONSTRUCTION DIAGRAM	WELL CONSTRUCTION DESCRIPTION
				0-1' Cement flushmount with steel casing
0	Backtop	0ppm		0-39' 2-inch PVC casing
				1-29' Sand
5	Silty Sand - coarse grained, brown, trace clay	0 ppm		
10	Sand - fine to medium grained, brown, moist	0 ppm		
15	Silty sand - fine to medium grained, brown, moist	0 ppm		
20	Silty sand - fine to medium grained, moist, brown, some cobbles	0 ppm		
25	Silty sand - fine to medium grained, moist, brown	0 ppm		
				29-34' Bentonite seal
30	Silty sand - fine to medium grained, moist, brown	0 ppm		
				34-49' Sandpack, #1 sand
35	Silty sand - medium grained, brown, moist, with some cobbles and pebbles	0 ppm		
38	Cobbles			39' First water
				39-49' 2-inch PVC screen, 10 slot
40	Silty sand - medium grained	0 ppm		
45	Silty sand - medium grained, moist	0 ppm		
				49' Total depth of monitoring well
50	Silty sand - medium grained, wet	0 ppm		

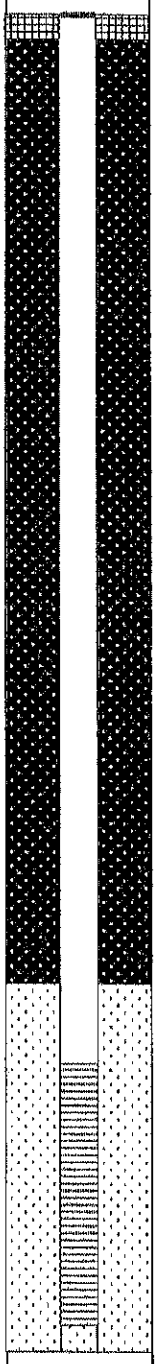
MACTEC

5205 Militia Hill Road
Plymouth Meeting, Pennsylvania 19462

Project No.	3485040034.03	Well ID:	MW-6
Contractor:	Summit Drilling	Drilling Method:	Truck-mounted Geoprobe® 6600
Drill Crew:	Dennis Crayon	Logged by:	Charlie Charlesworth
Date Started:	8/6/2004	Date Finished:	8/9/2004
First water during drilling (feet bgs):	39'		

Project Name and Location:
NY Express Dry Cleaners
6960 188th Street, Fresh Meadows
Queens, New York

PVC Elevation: N/A

DEPTH (feet)	LITHOLOGY	ORGANIC VAPORS	CONSTRUCTION DIAGRAM	WELL CONSTRUCTION DESCRIPTION
0	Blacktop	0ppm		0-1' Cement flushmount with steel casing 0-40' 2-inch PVC casing 1-37' Bentonite seal
5	Sand - grayish-brown, some silt, dry Blow counts: 9, 9, 8, 5	0 ppm		
10	Silty sand - brown, with quartz and limestone pieces, dry Blow counts: 15, 19, 14, 15	0 ppm		
15	Silty sand - brown, sandstone and micacious pieces, dry Blow counts: 45, 19, 22, 18	0 ppm		
20	Cobbles/Gravel - brown, dry Blow counts: 45, 50, 100/2	0 ppm		
25	Silty sand - brown, moist, some quartz gravel pieces Blow counts: 80, 27, 25, 30	0 ppm		
30	No cuttings	0 ppm		
35	No cuttings			37-50' Sandpack, #1 sand
40	No cuttings			39' First water 40-50' 2-inch PVC screen, 10 slot
45	No cuttings			
50	No cuttings			50' Total depth of monitoring well

ATTACHMENT C
LABORATORY ANALYTICAL DATA

New Jersey ACCUTEST LABORATORIES

09/02/11

Technical Report for

Mactec

New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

3485050051

Accutest Job Number: JA82254

Sampling Dates: 07/27/11 - 07/29/11

Report to:

Mactec

jpmihalich@mactec.com

ATTN: John Mihalich

Total number of pages in report: **79**

ACCREDITED IN ACCORDANCE WITH nelac

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

David N. Speis
VP, Laboratory Director

Client Service contact: Marie Meidhof 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Sections: 1 2 3 4

Table of Contents

Sample Summary

Mactec

Job No: JA82254

New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY
Project No: 3485050051

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA82254-1	07/27/11	14:00	JG	07/29/11	SO	Soil	SB-4 (8.5-9)
JA82254-2	07/27/11	15:25	JG	07/29/11	SO	Soil	SB-4 (23-23.5)
JA82254-3	07/27/11	16:05	JG	07/29/11	SO	Soil	SB-4 (35.5-36)
JA82254-4	07/28/11	08:40	JG	07/29/11	SO	Soil	SB-3 (7.5-8)
JA82254-5	07/28/11	08:55	JG	07/29/11	SO	Soil	SB-3 (15-15.5)
JA82254-6	07/28/11	10:30	JG	07/29/11	SO	Soil	SB-3 (35-35.5)
JA82254-7	07/28/11	12:00	JG	07/29/11	SO	Soil	SB-2 (7.5-8)
JA82254-8	07/28/11	12:10	JG	07/29/11	SO	Soil	SB-2 (11-11.5)
JA82254-9	07/28/11	14:25	JG	07/29/11	SO	Soil	SB-2 (35-35.5)
JA82254-10	07/28/11	12:00	JG	07/29/11	SO	Soil	DUP-1
JA82254-11	07/29/11	08:30	JG	07/29/11	SO	Soil	SB-1 (9-9.5)
JA82254-12	07/29/11	08:50	JG	07/29/11	SO	Soil	SB-1 (15-15.5)
JA82254-13	07/29/11	10:30	JG	07/29/11	SO	Soil	SB-1 (35-35.5)

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

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Mactec **Job No** JA82254

Site: New York Express Dry Cleaners, 69-60 188th Street, Flushing Mead **Report Date** 8/25/2011 12:36:00 P

On 07/29/2011, 13 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 1 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA82254 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VV5027

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA82254-1MS, JA82254-1MSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** VV5029

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA82254-13MS, JA82254-13MSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** VV5031

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA82254-8MS, JA82254-8MSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** VV5033

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA82254-10MS, JA82254-10MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Tetrachloroethene are outside control limits. Outside control limits due to matrix interference.

Matrix: SO **Batch ID:** VV5035

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA82254-4MS, JA82254-4MSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** VV5037

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA82857-2MS, JA82857-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270D

Matrix: SO **Batch ID:** OP51089

- All samples were extracted within the recommended method holding time.
- Sample(s) JA82254-1MS, JA82254-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: SO **Batch ID:** OP51106

- All samples were extracted within the recommended method holding time.
- Sample(s) JA82630-1MS, JA82630-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Benzidine are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for Benzidine are outside control limits. Outside control limits due to matrix interference.

Extractables by GC By Method SW846 8081B

Matrix: SO **Batch ID:** OP51075

- All samples were extracted within the recommended method holding time.
- Sample(s) JA82397-1MS, JA82397-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8082A

Matrix: SO **Batch ID:** OP51076

- All samples were extracted within the recommended method holding time.
- Sample(s) JA82397-2MS, JA82397-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for MS/MSD for Aroclor 1016 are outside control limits for sample OP51076-MSD. Outside control limits due to matrix interference.
- OP51076-MS/MSD: Had TBA Cleanup

Extractables by GC By Method SW846 8151

Matrix: SO **Batch ID:** OP51088

- All samples were extracted within the recommended method holding time.
- Sample(s) JA82396-1MS, JA82396-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for MCPA are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- OP51088-MS/MSD: Had TBA Cleanup

Metals By Method SW846 6010C

Matrix: SO **Batch ID:** MP59577

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA81733-1MS, JA81733-1MSD, JA81733-1SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- RPD(s) for Serial Dilution for Zinc, Arsenic, Cadmium, Cobalt, Copper, Nickel, Potassium, Selenium, Sodium are outside control limits for sample MP59577-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP59577-SD1 for Magnesium: Serial dilution indicates possible matrix interference.
- MP59577-SD1 for Barium: Serial dilution indicates possible matrix interference.
- MP59577-SD1 for Vanadium: Serial dilution indicates possible matrix interference.
- MP59577-SD1 for Calcium: Serial dilution indicates possible matrix interference.
- MP59577-SD1 for Chromium: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7471B

Matrix: SO **Batch ID:** MP59522

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA81733-2MS, JA81733-2MSD were used as the QC samples for metals.

Wet Chemistry By Method SM18 2540G

Matrix: SO **Batch ID:** GN53842

- The data for SM18 2540G meets quality control requirements.

Matrix: SO **Batch ID:** GN54023

- The data for SM18 2540G meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB-4 (8.5-9)		
Lab Sample ID:	JA82254-1	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	83.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118015.D	1	08/04/11	CL	n/a	n/a	VV5027
Run #2							

	Initial Weight
Run #1	5.1 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.012	0.0078	mg/kg	
71-43-2	Benzene	ND	0.0012	0.00016	mg/kg	
108-86-1	Bromobenzene	ND	0.0059	0.00023	mg/kg	
74-97-5	Bromochloromethane	ND	0.0059	0.00061	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0059	0.00026	mg/kg	
75-25-2	Bromoform	ND	0.0059	0.00089	mg/kg	
74-83-9	Bromomethane	ND	0.0059	0.00046	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.012	0.0051	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0059	0.00028	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0059	0.00019	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0059	0.00016	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0059	0.00041	mg/kg	
108-90-7	Chlorobenzene	ND	0.0059	0.00038	mg/kg	
75-00-3	Chloroethane	ND	0.0059	0.00048	mg/kg	
67-66-3	Chloroform	ND	0.0059	0.00057	mg/kg	
74-87-3	Chloromethane	ND	0.0059	0.00073	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0059	0.00044	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0059	0.00025	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.012	0.0018	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0059	0.00020	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0012	0.00028	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0059	0.00033	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0059	0.00023	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0059	0.00020	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0059	0.00038	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0059	0.00026	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0012	0.00021	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0059	0.00072	mg/kg	
156-59-2	cis-1,2-Dichloroethene	0.0025	0.0059	0.00038	mg/kg	J
156-60-5	trans-1,2-Dichloroethene	0.00099	0.0059	0.00050	mg/kg	J
78-87-5	1,2-Dichloropropane	ND	0.0059	0.00031	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0059	0.00044	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-4 (8.5-9)		
Lab Sample ID:	JA82254-1	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	83.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0059	0.00020	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0059	0.00025	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0059	0.00018	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0059	0.00040	mg/kg	
100-41-4	Ethylbenzene	ND	0.0012	0.00017	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0059	0.00061	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0059	0.00016	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0059	0.00035	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0012	0.00021	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0059	0.0031	mg/kg	
74-95-3	Methylene bromide	ND	0.0059	0.00067	mg/kg	
75-09-2	Methylene chloride	ND	0.0059	0.00027	mg/kg	
91-20-3	Naphthalene	ND	0.0059	0.0012	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0059	0.00041	mg/kg	
100-42-5	Styrene	ND	0.0059	0.00022	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0059	0.00022	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0059	0.00021	mg/kg	
127-18-4	Tetrachloroethene	0.0040	0.0059	0.00022	mg/kg	J
108-88-3	Toluene	ND	0.0012	0.00044	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0059	0.00052	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0059	0.00040	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0059	0.00028	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0059	0.00051	mg/kg	
79-01-6	Trichloroethene	0.00091	0.0059	0.00029	mg/kg	J
75-69-4	Trichlorofluoromethane	ND	0.0059	0.00057	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0059	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0059	0.0013	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0059	0.00015	mg/kg	
75-01-4	Vinyl chloride	ND	0.0059	0.00054	mg/kg	
	m,p-Xylene	ND	0.0012	0.00037	mg/kg	
95-47-6	o-Xylene	ND	0.0012	0.00022	mg/kg	
1330-20-7	Xylene (total)	0.00026	0.0012	0.00022	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		67-131%
17060-07-0	1,2-Dichloroethane-D4	85%		66-130%
2037-26-5	Toluene-D8	106%		76-125%
460-00-4	4-Bromofluorobenzene	98%		53-142%

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

Report of Analysis

Client Sample ID:	SB-4 (8.5-9)		
Lab Sample ID:	JA82254-1	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	83.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P7041.D	1	08/04/11	OPM	08/03/11	OP51089	E2P363
Run #2							

	Initial Weight	Final Volume
Run #1	35.3 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.17	0.034	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.17	0.034	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.17	0.055	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.17	0.057	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	0.68	0.041	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.68	0.041	mg/kg	
88-75-5	2-Nitrophenol	ND	0.17	0.036	mg/kg	
100-02-7	4-Nitrophenol	ND	0.34	0.057	mg/kg	
87-86-5	Pentachlorophenol	ND	0.34	0.058	mg/kg	
108-95-2	Phenol	ND	0.068	0.036	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.17	0.032	mg/kg	
83-32-9	Acenaphthene	ND	0.034	0.0099	mg/kg	
208-96-8	Acenaphthylene	ND	0.034	0.011	mg/kg	
120-12-7	Anthracene	ND	0.034	0.012	mg/kg	
92-87-5	Benzidine	ND	0.68	0.13	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.034	0.011	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.034	0.010	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.034	0.011	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.034	0.013	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.034	0.013	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.068	0.012	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.068	0.020	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.068	0.011	mg/kg	
106-47-8	4-Chloroaniline	ND	0.17	0.011	mg/kg	
218-01-9	Chrysene	ND	0.034	0.011	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.068	0.014	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.068	0.010	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.068	0.010	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.068	0.010	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.068	0.0098	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.068	0.014	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.068	0.0091	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-4 (8.5-9)		
Lab Sample ID:	JA82254-1	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	83.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.068	0.0076	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.068	0.015	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.068	0.013	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.17	0.0086	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.034	0.012	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.068	0.0075	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.068	0.017	mg/kg	
84-66-2	Diethyl phthalate	ND	0.068	0.012	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.068	0.012	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.068	0.030	mg/kg	
206-44-0	Fluoranthene	ND	0.034	0.015	mg/kg	
86-73-7	Fluorene	ND	0.034	0.011	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.068	0.011	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.034	0.0095	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.68	0.035	mg/kg	
67-72-1	Hexachloroethane	ND	0.17	0.0095	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.034	0.012	mg/kg	
78-59-1	Isophorone	ND	0.068	0.0091	mg/kg	
91-20-3	Naphthalene	ND	0.034	0.0093	mg/kg	
98-95-3	Nitrobenzene	ND	0.068	0.0098	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.068	0.030	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.068	0.0083	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.17	0.020	mg/kg	
85-01-8	Phenanthrene	ND	0.034	0.015	mg/kg	
129-00-0	Pyrene	ND	0.034	0.013	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.068	0.0090	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		21-116%
4165-62-2	Phenol-d5	43%		19-117%
118-79-6	2,4,6-Tribromophenol	56%		24-136%
4165-60-0	Nitrobenzene-d5	49%		21-122%
321-60-8	2-Fluorobiphenyl	52%		30-117%
1718-51-0	Terphenyl-d14	55%		31-129%

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

Report of Analysis

Client Sample ID:	SB-4 (8.5-9)		
Lab Sample ID:	JA82254-1	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8151 SW846 3550C	**Percent Solids:**	83.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW102860.D	1	08/10/11	TDR	08/03/11	OP51088	GWW3614
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.017	0.0050	mg/kg	
93-72-1	2,4,5-TP (Silvex)	ND	0.0034	0.00060	mg/kg	
93-76-5	2,4,5-T	ND	0.0034	0.0015	mg/kg	
75-99-0	Dalapon	ND	0.0034	0.0012	mg/kg	
1918-00-9	Dicamba	ND	0.0034	0.00070	mg/kg	
120-36-5	Dichloroprop	ND	0.017	0.0040	mg/kg	
88-85-7	Dinoseb	ND	0.017	0.0032	mg/kg	
94-74-6	MCPA	ND	1.7	0.54	mg/kg	
93-65-2	MCPP	ND	1.7	0.28	mg/kg	
87-86-5	Pentachlorophenol	ND	0.0017	0.0012	mg/kg	
94-82-6	2,4-DB	ND	0.017	0.012	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	41%		13-146%
19719-28-9	2,4-DCAA	57%		13-146%

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

Report of Analysis

Client Sample ID:	SB-4 (8.5-9)		
Lab Sample ID:	JA82254-1	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8081B SW846 3545A	**Percent Solids:**	83.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G9009.D	1	08/05/11	MD	08/02/11	OP51075	G4G266
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0014	0.00035	mg/kg	
319-84-6	alpha-BHC	ND	0.0014	0.00053	mg/kg	
319-85-7	beta-BHC	ND	0.0014	0.00050	mg/kg	
319-86-8	delta-BHC	ND	0.0014	0.00041	mg/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.0014	0.00032	mg/kg	
5103-71-9	alpha-Chlordane	ND	0.0014	0.00046	mg/kg	
5103-74-2	gamma-Chlordane	ND	0.0014	0.00036	mg/kg	
60-57-1	Dieldrin	ND	0.0014	0.00055	mg/kg	
72-54-8	4,4'-DDD	ND	0.0014	0.00036	mg/kg	
72-55-9	4,4'-DDE	ND	0.0014	0.00042	mg/kg	
50-29-3	4,4'-DDT	ND	0.0014	0.00052	mg/kg	
72-20-8	Endrin	ND	0.0014	0.00036	mg/kg	
1031-07-8	Endosulfan sulfate	ND	0.0014	0.00064	mg/kg	
7421-93-4	Endrin aldehyde	ND	0.0014	0.00067	mg/kg	
959-98-8	Endosulfan-I	ND	0.0014	0.00034	mg/kg	
33213-65-9	Endosulfan-II	ND	0.0014	0.00047	mg/kg	
76-44-8	Heptachlor	ND	0.0014	0.00043	mg/kg	
1024-57-3	Heptachlor epoxide	ND	0.0014	0.00035	mg/kg	
72-43-5	Methoxychlor	ND	0.0014	0.00050	mg/kg	
53494-70-5	Endrin ketone	ND	0.0014	0.00046	mg/kg	
8001-35-2	Toxaphene	ND	0.018	0.0089	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		23-137%
877-09-8	Tetrachloro-m-xylene	82%		23-137%
2051-24-3	Decachlorobiphenyl	85%		22-160%
2051-24-3	Decachlorobiphenyl	79%		22-160%

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

Report of Analysis

Client Sample ID:	SB-4 (8.5-9)		
Lab Sample ID:	JA82254-1	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8082A SW846 3545A	**Percent Solids:**	83.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA77336.D	1	08/03/11	TDR	08/03/11	OP51076	GOA2614
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.035	0.0092	mg/kg	
11104-28-2	Aroclor 1221	ND	0.035	0.021	mg/kg	
11141-16-5	Aroclor 1232	ND	0.035	0.018	mg/kg	
53469-21-9	Aroclor 1242	ND	0.035	0.011	mg/kg	
12672-29-6	Aroclor 1248	ND	0.035	0.011	mg/kg	
11097-69-1	Aroclor 1254	ND	0.035	0.017	mg/kg	
11096-82-5	Aroclor 1260	ND	0.035	0.012	mg/kg	
11100-14-4	Aroclor 1268	ND	0.035	0.010	mg/kg	
37324-23-5	Aroclor 1262	ND	0.035	0.011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		22-141%
877-09-8	Tetrachloro-m-xylene	100%		22-141%
2051-24-3	Decachlorobiphenyl	64%		18-163%
2051-24-3	Decachlorobiphenyl	78%		18-163%

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

Report of Analysis

Client Sample ID: SB-4 (8.5-9)
Lab Sample ID: JA82254-1 **Date Sampled:** 07/27/11
Matrix: SO - Soil **Date Received:** 07/29/11
Percent Solids: 83.3
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	12700	59	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.4	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Arsenic	3.1	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Barium	54.4	24	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.71	0.24	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Cadmium	< 0.59	0.59	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Calcium	1630	590	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Chromium	18.0	1.2	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Cobalt	6.0	5.9	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Copper	7.0	2.9	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Iron	14600	59	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Lead	6.3	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Magnesium	1580	590	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Manganese	358	1.8	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Mercury	0.057	0.039	mg/kg	1	08/04/11	08/04/11	MP	SW846 7471B [1]	SW846 7471B [4]
Nickel	13.2	4.7	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Potassium	< 1200	1200	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.4	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Silver	< 0.59	0.59	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1200	1200	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.2	1.2	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [3]	SW846 3050B [5]
Vanadium	22.8	5.9	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Zinc	39.9	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA26849
(2) Instrument QC Batch: MA26870
(3) Instrument QC Batch: MA26873
(4) Prep QC Batch: MP59522
(5) Prep QC Batch: MP59577

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-4 (23-23.5)		
Lab Sample ID:	JA82254-2	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	90.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118019.D	1	08/04/11	CL	n/a	n/a	VV5027
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.010	0.0068	mg/kg	
71-43-2	Benzene	ND	0.0010	0.00014	mg/kg	
108-86-1	Bromobenzene	ND	0.0051	0.00020	mg/kg	
74-97-5	Bromochloromethane	ND	0.0051	0.00053	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0051	0.00023	mg/kg	
75-25-2	Bromoform	ND	0.0051	0.00078	mg/kg	
74-83-9	Bromomethane	ND	0.0051	0.00040	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.010	0.0044	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0051	0.00024	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0051	0.00016	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0051	0.00014	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0051	0.00036	mg/kg	
108-90-7	Chlorobenzene	ND	0.0051	0.00033	mg/kg	
75-00-3	Chloroethane	ND	0.0051	0.00042	mg/kg	
67-66-3	Chloroform	ND	0.0051	0.00050	mg/kg	
74-87-3	Chloromethane	ND	0.0051	0.00064	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0051	0.00039	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0051	0.00021	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.010	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0051	0.00017	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	0.00024	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0051	0.00028	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0051	0.00020	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0051	0.00017	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0051	0.00033	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0051	0.00022	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00019	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0051	0.00063	mg/kg	
156-59-2	cis-1,2-Dichloroethene	0.0032	0.0051	0.00033	mg/kg	J
156-60-5	trans-1,2-Dichloroethene	0.00055	0.0051	0.00044	mg/kg	J
78-87-5	1,2-Dichloropropane	ND	0.0051	0.00027	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0051	0.00038	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-4 (23-23.5)		
Lab Sample ID:	JA82254-2	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	90.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0051	0.00018	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0051	0.00021	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0051	0.00016	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0051	0.00035	mg/kg	
100-41-4	Ethylbenzene	ND	0.0010	0.00015	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0051	0.00054	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0051	0.00014	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0051	0.00030	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00018	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0051	0.0027	mg/kg	
74-95-3	Methylene bromide	ND	0.0051	0.00058	mg/kg	
75-09-2	Methylene chloride	ND	0.0051	0.00024	mg/kg	
91-20-3	Naphthalene	ND	0.0051	0.0011	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0051	0.00036	mg/kg	
100-42-5	Styrene	ND	0.0051	0.00019	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0051	0.00019	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0051	0.00018	mg/kg	
127-18-4	Tetrachloroethene	0.0042	0.0051	0.00020	mg/kg	J
108-88-3	Toluene	ND	0.0010	0.00039	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0051	0.00045	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0051	0.00035	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0051	0.00025	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0051	0.00044	mg/kg	
79-01-6	Trichloroethene	0.0015	0.0051	0.00025	mg/kg	J
75-69-4	Trichlorofluoromethane	ND	0.0051	0.00050	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0051	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0051	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0051	0.00013	mg/kg	
75-01-4	Vinyl chloride	ND	0.0051	0.00047	mg/kg	
	m,p-Xylene	ND	0.0010	0.00032	mg/kg	
95-47-6	o-Xylene	ND	0.0010	0.00019	mg/kg	
1330-20-7	Xylene (total)	ND	0.0010	0.00019	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		67-131%
17060-07-0	1,2-Dichloroethane-D4	87%		66-130%
2037-26-5	Toluene-D8	105%		76-125%
460-00-4	4-Bromofluorobenzene	97%		53-142%

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

Report of Analysis

Client Sample ID:	SB-4 (23-23.5)		
Lab Sample ID:	JA82254-2	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	90.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E35533.D	1	08/05/11	OYA	08/04/11	OP51106	E3E1573
Run #2							

	Initial Weight	Final Volume
Run #1	17.2 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.32	0.065	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.32	0.065	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.32	0.10	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.32	0.11	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.3	0.079	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1.3	0.079	mg/kg	
88-75-5	2-Nitrophenol	ND	0.32	0.068	mg/kg	
100-02-7	4-Nitrophenol	ND	0.65	0.11	mg/kg	
87-86-5	Pentachlorophenol	ND	0.65	0.11	mg/kg	
108-95-2	Phenol	ND	0.13	0.068	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.32	0.061	mg/kg	
83-32-9	Acenaphthene	ND	0.065	0.019	mg/kg	
208-96-8	Acenaphthylene	ND	0.065	0.021	mg/kg	
120-12-7	Anthracene	ND	0.065	0.023	mg/kg	
92-87-5	Benzidine	ND	1.3	0.24	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.065	0.021	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.065	0.020	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.065	0.022	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.065	0.024	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.065	0.024	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.13	0.023	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.13	0.037	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.13	0.020	mg/kg	
106-47-8	4-Chloroaniline	ND	0.32	0.021	mg/kg	
218-01-9	Chrysene	ND	0.065	0.022	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.13	0.026	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.13	0.019	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.13	0.019	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.13	0.019	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.13	0.019	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.13	0.026	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.13	0.017	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-4 (23-23.5)		
Lab Sample ID:	JA82254-2	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	90.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.13	0.014	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.13	0.028	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.13	0.025	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.32	0.016	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.065	0.022	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.13	0.014	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.13	0.031	mg/kg	
84-66-2	Diethyl phthalate	ND	0.13	0.022	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.13	0.023	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	0.0852	0.13	0.057	mg/kg	J
206-44-0	Fluoranthene	ND	0.065	0.028	mg/kg	
86-73-7	Fluorene	ND	0.065	0.021	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.13	0.021	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.065	0.018	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.3	0.066	mg/kg	
67-72-1	Hexachloroethane	ND	0.32	0.018	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.065	0.022	mg/kg	
78-59-1	Isophorone	ND	0.13	0.017	mg/kg	
91-20-3	Naphthalene	ND	0.065	0.018	mg/kg	
98-95-3	Nitrobenzene	ND	0.13	0.019	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.13	0.057	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.13	0.016	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.32	0.039	mg/kg	
85-01-8	Phenanthrene	ND	0.065	0.029	mg/kg	
129-00-0	Pyrene	ND	0.065	0.025	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.13	0.017	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		21-116%
4165-62-2	Phenol-d5	53%		19-117%
118-79-6	2,4,6-Tribromophenol	55%		24-136%
4165-60-0	Nitrobenzene-d5	52%		21-122%
321-60-8	2-Fluorobiphenyl	45%		30-117%
1718-51-0	Terphenyl-d14	51%		31-129%

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

Report of Analysis

Client Sample ID:	SB-4 (35.5-36)		
Lab Sample ID:	JA82254-3	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	91.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118020.D	1	08/04/11	CL	n/a	n/a	VV5027
Run #2							

	Initial Weight
Run #1	4.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.011	0.0074	mg/kg	
71-43-2	Benzene	ND	0.0011	0.00015	mg/kg	
108-86-1	Bromobenzene	ND	0.0056	0.00022	mg/kg	
74-97-5	Bromochloromethane	ND	0.0056	0.00058	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0056	0.00025	mg/kg	
75-25-2	Bromoform	ND	0.0056	0.00084	mg/kg	
74-83-9	Bromomethane	ND	0.0056	0.00044	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.011	0.0048	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0056	0.00026	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0056	0.00018	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0056	0.00015	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0056	0.00038	mg/kg	
108-90-7	Chlorobenzene	ND	0.0056	0.00036	mg/kg	
75-00-3	Chloroethane	ND	0.0056	0.00045	mg/kg	
67-66-3	Chloroform	ND	0.0056	0.00054	mg/kg	
74-87-3	Chloromethane	ND	0.0056	0.00069	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0056	0.00042	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0056	0.00023	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.011	0.0017	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0056	0.00019	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	0.00026	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0056	0.00031	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0056	0.00021	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0056	0.00019	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0056	0.00036	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0056	0.00024	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	0.00020	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0056	0.00068	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0056	0.00036	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.0056	0.00047	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0056	0.00030	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0056	0.00041	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-4 (35.5-36)		
Lab Sample ID:	JA82254-3	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	91.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0056	0.00019	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0056	0.00023	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0056	0.00017	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0056	0.00037	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	0.00016	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0056	0.00058	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0056	0.00015	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0056	0.00033	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	0.00020	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0056	0.0029	mg/kg	
74-95-3	Methylene bromide	ND	0.0056	0.00063	mg/kg	
75-09-2	Methylene chloride	ND	0.0056	0.00026	mg/kg	
91-20-3	Naphthalene	ND	0.0056	0.0012	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0056	0.00038	mg/kg	
100-42-5	Styrene	ND	0.0056	0.00021	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0056	0.00020	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0056	0.00020	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0056	0.00021	mg/kg	
108-88-3	Toluene	ND	0.0011	0.00042	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0056	0.00049	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0056	0.00038	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0056	0.00027	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0056	0.00048	mg/kg	
79-01-6	Trichloroethene	ND	0.0056	0.00027	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0056	0.00054	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0056	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0056	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0056	0.00014	mg/kg	
75-01-4	Vinyl chloride	ND	0.0056	0.00051	mg/kg	
	m,p-Xylene	ND	0.0011	0.00035	mg/kg	
95-47-6	o-Xylene	ND	0.0011	0.00020	mg/kg	
1330-20-7	Xylene (total)	ND	0.0011	0.00020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		67-131%
17060-07-0	1,2-Dichloroethane-D4	91%		66-130%
2037-26-5	Toluene-D8	105%		76-125%
460-00-4	4-Bromofluorobenzene	98%		53-142%

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

Report of Analysis

Client Sample ID:	SB-4 (35.5-36)		
Lab Sample ID:	JA82254-3	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	91.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E35534.D	1	08/05/11	OYA	08/04/11	OP51106	E3E1573
Run #2							

	Initial Weight	Final Volume
Run #1	17.1 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.32	0.064	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.32	0.064	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.32	0.10	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.32	0.11	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.3	0.078	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1.3	0.078	mg/kg	
88-75-5	2-Nitrophenol	ND	0.32	0.067	mg/kg	
100-02-7	4-Nitrophenol	ND	0.64	0.11	mg/kg	
87-86-5	Pentachlorophenol	ND	0.64	0.11	mg/kg	
108-95-2	Phenol	ND	0.13	0.067	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.32	0.060	mg/kg	
83-32-9	Acenaphthene	ND	0.064	0.018	mg/kg	
208-96-8	Acenaphthylene	ND	0.064	0.020	mg/kg	
120-12-7	Anthracene	ND	0.064	0.022	mg/kg	
92-87-5	Benzidine	ND	1.3	0.24	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.064	0.021	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.064	0.019	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.064	0.021	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.064	0.024	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.064	0.024	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.13	0.023	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.13	0.037	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.13	0.020	mg/kg	
106-47-8	4-Chloroaniline	ND	0.32	0.020	mg/kg	
218-01-9	Chrysene	ND	0.064	0.022	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.13	0.026	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.13	0.019	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.13	0.019	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.13	0.019	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.13	0.018	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.13	0.026	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.13	0.017	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-4 (35.5-36)		
Lab Sample ID:	JA82254-3	**Date Sampled:**	07/27/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	91.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.13	0.014	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.13	0.028	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.13	0.024	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.32	0.016	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.064	0.022	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.13	0.014	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.13	0.031	mg/kg	
84-66-2	Diethyl phthalate	ND	0.13	0.022	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.13	0.022	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.13	0.056	mg/kg	
206-44-0	Fluoranthene	ND	0.064	0.028	mg/kg	
86-73-7	Fluorene	ND	0.064	0.021	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.13	0.021	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.064	0.018	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.3	0.065	mg/kg	
67-72-1	Hexachloroethane	ND	0.32	0.018	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.064	0.022	mg/kg	
78-59-1	Isophorone	ND	0.13	0.017	mg/kg	
91-20-3	Naphthalene	ND	0.064	0.017	mg/kg	
98-95-3	Nitrobenzene	ND	0.13	0.018	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.13	0.056	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.13	0.016	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.32	0.038	mg/kg	
85-01-8	Phenanthrene	ND	0.064	0.029	mg/kg	
129-00-0	Pyrene	ND	0.064	0.024	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.13	0.017	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		21-116%
4165-62-2	Phenol-d5	71%		19-117%
118-79-6	2,4,6-Tribromophenol	63%		24-136%
4165-60-0	Nitrobenzene-d5	64%		21-122%
321-60-8	2-Fluorobiphenyl	54%		30-117%
1718-51-0	Terphenyl-d14	59%		31-129%

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

Report of Analysis

Client Sample ID:	SB-3 (7.5-8)		
Lab Sample ID:	JA82254-4	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	86.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118202.D	1	08/09/11	CL	n/a	n/a	VV5035
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.011	0.0072	mg/kg	
71-43-2	Benzene	ND	0.0011	0.00014	mg/kg	
108-86-1	Bromobenzene	ND	0.0054	0.00021	mg/kg	
74-97-5	Bromochloromethane	ND	0.0054	0.00056	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0054	0.00024	mg/kg	
75-25-2	Bromoform	ND	0.0054	0.00082	mg/kg	
74-83-9	Bromomethane	ND	0.0054	0.00043	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.011	0.0047	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0054	0.00026	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0054	0.00017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0054	0.00015	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0054	0.00038	mg/kg	
108-90-7	Chlorobenzene	ND	0.0054	0.00035	mg/kg	
75-00-3	Chloroethane	ND	0.0054	0.00044	mg/kg	
67-66-3	Chloroform	ND	0.0054	0.00052	mg/kg	
74-87-3	Chloromethane	ND	0.0054	0.00068	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0054	0.00041	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0054	0.00023	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.011	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0054	0.00018	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	0.00026	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0054	0.00030	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0054	0.00021	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0054	0.00018	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0054	0.00035	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0054	0.00024	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	0.00020	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0054	0.00067	mg/kg	
156-59-2	cis-1,2-Dichloroethene	0.0016	0.0054	0.00035	mg/kg	J
156-60-5	trans-1,2-Dichloroethene	ND	0.0054	0.00046	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0054	0.00029	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0054	0.00040	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-3 (7.5-8)		
Lab Sample ID:	JA82254-4	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	86.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0054	0.00019	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0054	0.00023	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0054	0.00017	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0054	0.00036	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	0.00016	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0054	0.00057	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0054	0.00015	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0054	0.00032	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	0.00019	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0054	0.0029	mg/kg	
74-95-3	Methylene bromide	ND	0.0054	0.00062	mg/kg	
75-09-2	Methylene chloride	ND	0.0054	0.00025	mg/kg	
91-20-3	Naphthalene	ND	0.0054	0.0012	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0054	0.00038	mg/kg	
100-42-5	Styrene	ND	0.0054	0.00020	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0054	0.00020	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0054	0.00019	mg/kg	
127-18-4	Tetrachloroethene	0.0408	0.0054	0.00021	mg/kg	
108-88-3	Toluene	ND	0.0011	0.00041	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0054	0.00048	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0054	0.00037	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0054	0.00026	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0054	0.00047	mg/kg	
79-01-6	Trichloroethene	0.0030	0.0054	0.00027	mg/kg	J
75-69-4	Trichlorofluoromethane	ND	0.0054	0.00052	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0054	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0054	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0054	0.00014	mg/kg	
75-01-4	Vinyl chloride	ND	0.0054	0.00050	mg/kg	
	m,p-Xylene	ND	0.0011	0.00034	mg/kg	
95-47-6	o-Xylene	ND	0.0011	0.00020	mg/kg	
1330-20-7	Xylene (total)	ND	0.0011	0.00020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		67-131%
17060-07-0	1,2-Dichloroethane-D4	88%		66-130%
2037-26-5	Toluene-D8	104%		76-125%
460-00-4	4-Bromofluorobenzene	96%		53-142%

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

Report of Analysis

Client Sample ID:	SB-3 (7.5-8)		
Lab Sample ID:	JA82254-4	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	86.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P7042.D	1	08/04/11	OPM	08/03/11	OP51089	E2P363
Run #2							

	Initial Weight	Final Volume
Run #1	35.2 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.16	0.033	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.16	0.033	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.16	0.053	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.16	0.055	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	0.65	0.040	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.65	0.040	mg/kg	
88-75-5	2-Nitrophenol	ND	0.16	0.035	mg/kg	
100-02-7	4-Nitrophenol	ND	0.33	0.055	mg/kg	
87-86-5	Pentachlorophenol	ND	0.33	0.056	mg/kg	
108-95-2	Phenol	ND	0.065	0.034	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.16	0.031	mg/kg	
83-32-9	Acenaphthene	ND	0.033	0.0095	mg/kg	
208-96-8	Acenaphthylene	ND	0.033	0.010	mg/kg	
120-12-7	Anthracene	ND	0.033	0.011	mg/kg	
92-87-5	Benzidine	ND	0.65	0.12	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.033	0.011	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.033	0.010	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.033	0.011	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.033	0.012	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.033	0.012	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.065	0.012	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.065	0.019	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.065	0.010	mg/kg	
106-47-8	4-Chloroaniline	ND	0.16	0.010	mg/kg	
218-01-9	Chrysene	ND	0.033	0.011	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.065	0.013	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.065	0.0098	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.065	0.0097	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.065	0.0098	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.065	0.0094	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.065	0.013	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.065	0.0088	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-3 (7.5-8)		
Lab Sample ID:	JA82254-4	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	86.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.065	0.0073	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.065	0.014	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.065	0.012	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.16	0.0083	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.033	0.011	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.065	0.0073	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.065	0.016	mg/kg	
84-66-2	Diethyl phthalate	ND	0.065	0.011	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.065	0.012	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.065	0.029	mg/kg	
206-44-0	Fluoranthene	ND	0.033	0.014	mg/kg	
86-73-7	Fluorene	ND	0.033	0.011	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.065	0.011	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.033	0.0091	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.65	0.033	mg/kg	
67-72-1	Hexachloroethane	ND	0.16	0.0091	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.033	0.011	mg/kg	
78-59-1	Isophorone	ND	0.065	0.0088	mg/kg	
91-20-3	Naphthalene	ND	0.033	0.0089	mg/kg	
98-95-3	Nitrobenzene	ND	0.065	0.0094	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.065	0.029	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.065	0.0080	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.16	0.020	mg/kg	
85-01-8	Phenanthrene	ND	0.033	0.015	mg/kg	
129-00-0	Pyrene	ND	0.033	0.013	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.065	0.0087	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		21-116%
4165-62-2	Phenol-d5	49%		19-117%
118-79-6	2,4,6-Tribromophenol	63%		24-136%
4165-60-0	Nitrobenzene-d5	53%		21-122%
321-60-8	2-Fluorobiphenyl	57%		30-117%
1718-51-0	Terphenyl-d14	59%		31-129%

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

Report of Analysis

Client Sample ID:	SB-3 (7.5-8)		
Lab Sample ID:	JA82254-4	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8151 SW846 3550C	**Percent Solids:**	86.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW102861.D	1	08/10/11	TDR	08/03/11	OP51088	GWW3614
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.016	0.0048	mg/kg	
93-72-1	2,4,5-TP (Silvex)	ND	0.0033	0.00058	mg/kg	
93-76-5	2,4,5-T	ND	0.0033	0.0014	mg/kg	
75-99-0	Dalapon	ND	0.0033	0.0011	mg/kg	
1918-00-9	Dicamba	ND	0.0033	0.00067	mg/kg	
120-36-5	Dichloroprop	ND	0.016	0.0039	mg/kg	
88-85-7	Dinoseb	ND	0.016	0.0031	mg/kg	
94-74-6	MCPA	ND	1.6	0.52	mg/kg	
93-65-2	MCPP	ND	1.6	0.27	mg/kg	
87-86-5	Pentachlorophenol	ND	0.0016	0.0011	mg/kg	
94-82-6	2,4-DB	ND	0.016	0.011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	81%		13-146%
19719-28-9	2,4-DCAA	74%		13-146%

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

Report of Analysis

Client Sample ID:	SB-3 (7.5-8)		
Lab Sample ID:	JA82254-4	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8081B SW846 3545A	**Percent Solids:**	86.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G8948.D	1	08/03/11	MD	08/03/11	OP51075	G4G264
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0014	0.00034	mg/kg	
319-84-6	alpha-BHC	ND	0.0014	0.00051	mg/kg	
319-85-7	beta-BHC	ND	0.0014	0.00048	mg/kg	
319-86-8	delta-BHC	ND	0.0014	0.00040	mg/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.0014	0.00031	mg/kg	
5103-71-9	alpha-Chlordane	ND	0.0014	0.00044	mg/kg	
5103-74-2	gamma-Chlordane	ND	0.0014	0.00035	mg/kg	
60-57-1	Dieldrin	ND	0.0014	0.00052	mg/kg	
72-54-8	4,4'-DDD	ND	0.0014	0.00035	mg/kg	
72-55-9	4,4'-DDE	ND	0.0014	0.00040	mg/kg	
50-29-3	4,4'-DDT	ND	0.0014	0.00050	mg/kg	
72-20-8	Endrin	ND	0.0014	0.00035	mg/kg	
1031-07-8	Endosulfan sulfate	ND	0.0014	0.00061	mg/kg	
7421-93-4	Endrin aldehyde	ND	0.0014	0.00064	mg/kg	
959-98-8	Endosulfan-I	ND	0.0014	0.00033	mg/kg	
33213-65-9	Endosulfan-II	ND	0.0014	0.00045	mg/kg	
76-44-8	Heptachlor	ND	0.0014	0.00041	mg/kg	
1024-57-3	Heptachlor epoxide	ND	0.0014	0.00033	mg/kg	
72-43-5	Methoxychlor	ND	0.0014	0.00048	mg/kg	
53494-70-5	Endrin ketone	ND	0.0014	0.00044	mg/kg	
8001-35-2	Toxaphene	ND	0.017	0.0085	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		23-137%
877-09-8	Tetrachloro-m-xylene	73%		23-137%
2051-24-3	Decachlorobiphenyl	90%		22-160%
2051-24-3	Decachlorobiphenyl	86%		22-160%

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

Report of Analysis

Client Sample ID:	SB-3 (7.5-8)		
Lab Sample ID:	JA82254-4	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8082A SW846 3545A	**Percent Solids:**	86.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA77337.D	1	08/04/11	TDR	08/03/11	OP51076	GOA2614
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.034	0.0088	mg/kg	
11104-28-2	Aroclor 1221	ND	0.034	0.020	mg/kg	
11141-16-5	Aroclor 1232	ND	0.034	0.017	mg/kg	
53469-21-9	Aroclor 1242	ND	0.034	0.011	mg/kg	
12672-29-6	Aroclor 1248	ND	0.034	0.010	mg/kg	
11097-69-1	Aroclor 1254	ND	0.034	0.016	mg/kg	
11096-82-5	Aroclor 1260	ND	0.034	0.011	mg/kg	
11100-14-4	Aroclor 1268	ND	0.034	0.010	mg/kg	
37324-23-5	Aroclor 1262	ND	0.034	0.011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		22-141%
877-09-8	Tetrachloro-m-xylene	72%		22-141%
2051-24-3	Decachlorobiphenyl	67%		18-163%
2051-24-3	Decachlorobiphenyl	80%		18-163%

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

Report of Analysis

Client Sample ID: SB-3 (7.5-8)
Lab Sample ID: JA82254-4 **Date Sampled:** 07/28/11
Matrix: SO - Soil **Date Received:** 07/29/11
Percent Solids: 86.9
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	14200	60	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.4	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Arsenic	4.0	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Barium	51.4	24	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.64	0.24	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Cadmium	< 0.60	0.60	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Calcium	1350	600	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Chromium	21.0	1.2	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Cobalt	< 6.0	6.0	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Copper	7.1	3.0	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Iron	14500	60	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Lead	13.7	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Magnesium	1550	600	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Manganese	294	1.8	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Mercury	0.055	0.037	mg/kg	1	08/04/11	08/04/11	MP	SW846 7471B [1]	SW846 7471B [4]
Nickel	12.6	4.8	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Potassium	< 1200	1200	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.4	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Silver	< 0.60	0.60	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1200	1200	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.2	1.2	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [3]	SW846 3050B [5]
Vanadium	22.6	6.0	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Zinc	27.1	2.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA26849
(2) Instrument QC Batch: MA26870
(3) Instrument QC Batch: MA26873
(4) Prep QC Batch: MP59522
(5) Prep QC Batch: MP59577

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-3 (15-15.5)		
Lab Sample ID:	JA82254-5	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	87.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118253.D	1	08/10/11	CL	n/a	n/a	VV5037
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.012	0.0081	mg/kg	
71-43-2	Benzene	ND	0.0012	0.00016	mg/kg	
108-86-1	Bromobenzene	ND	0.0061	0.00024	mg/kg	
74-97-5	Bromochloromethane	ND	0.0061	0.00063	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0061	0.00027	mg/kg	
75-25-2	Bromoform	ND	0.0061	0.00092	mg/kg	
74-83-9	Bromomethane	ND	0.0061	0.00048	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.012	0.0053	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0061	0.00029	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0061	0.00019	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0061	0.00017	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0061	0.00042	mg/kg	
108-90-7	Chlorobenzene	ND	0.0061	0.00039	mg/kg	
75-00-3	Chloroethane	ND	0.0061	0.00050	mg/kg	
67-66-3	Chloroform	ND	0.0061	0.00059	mg/kg	
74-87-3	Chloromethane	ND	0.0061	0.00076	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0061	0.00046	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0061	0.00025	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.012	0.0018	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0061	0.00020	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0012	0.00029	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0061	0.00034	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0061	0.00023	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0061	0.00021	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0061	0.00039	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0061	0.00027	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0012	0.00022	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0061	0.00075	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0061	0.00039	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.0061	0.00052	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0061	0.00032	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0061	0.00045	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-3 (15-15.5)		
Lab Sample ID:	JA82254-5	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	87.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0061	0.00021	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0061	0.00025	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0061	0.00019	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0061	0.00041	mg/kg	
100-41-4	Ethylbenzene	ND	0.0012	0.00018	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0061	0.00063	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0061	0.00017	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0061	0.00036	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0012	0.00022	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0061	0.0032	mg/kg	
74-95-3	Methylene bromide	ND	0.0061	0.00069	mg/kg	
75-09-2	Methylene chloride	ND	0.0061	0.00028	mg/kg	
91-20-3	Naphthalene	ND	0.0061	0.0013	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0061	0.00042	mg/kg	
100-42-5	Styrene	ND	0.0061	0.00023	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0061	0.00022	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0061	0.00022	mg/kg	
127-18-4	Tetrachloroethene	0.00088	0.0061	0.00023	mg/kg	J
108-88-3	Toluene	ND	0.0012	0.00046	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0061	0.00053	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0061	0.00042	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0061	0.00029	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0061	0.00053	mg/kg	
79-01-6	Trichloroethene	ND	0.0061	0.00030	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0061	0.00059	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0061	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0061	0.0014	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0061	0.00015	mg/kg	
75-01-4	Vinyl chloride	ND	0.0061	0.00056	mg/kg	
	m,p-Xylene	ND	0.0012	0.00038	mg/kg	
95-47-6	o-Xylene	ND	0.0012	0.00022	mg/kg	
1330-20-7	Xylene (total)	ND	0.0012	0.00022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		67-131%
17060-07-0	1,2-Dichloroethane-D4	108%		66-130%
2037-26-5	Toluene-D8	108%		76-125%
460-00-4	4-Bromofluorobenzene	98%		53-142%

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

Report of Analysis

Client Sample ID:	SB-3 (15-15.5)		
Lab Sample ID:	JA82254-5	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	87.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E35535.D	1	08/05/11	OYA	08/04/11	OP51106	E3E1573
Run #2							

	Initial Weight	Final Volume
Run #1	17.1 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.33	0.068	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.33	0.067	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.33	0.11	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.33	0.11	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.3	0.082	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1.3	0.082	mg/kg	
88-75-5	2-Nitrophenol	ND	0.33	0.071	mg/kg	
100-02-7	4-Nitrophenol	ND	0.67	0.11	mg/kg	
87-86-5	Pentachlorophenol	ND	0.67	0.11	mg/kg	
108-95-2	Phenol	ND	0.13	0.070	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.33	0.063	mg/kg	
83-32-9	Acenaphthene	ND	0.067	0.019	mg/kg	
208-96-8	Acenaphthylene	ND	0.067	0.021	mg/kg	
120-12-7	Anthracene	ND	0.067	0.023	mg/kg	
92-87-5	Benzidine	ND	1.3	0.25	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.067	0.022	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.067	0.020	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.067	0.022	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.067	0.025	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.067	0.025	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.13	0.024	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.13	0.039	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.13	0.021	mg/kg	
106-47-8	4-Chloroaniline	ND	0.33	0.021	mg/kg	
218-01-9	Chrysene	ND	0.067	0.023	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.13	0.027	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.13	0.020	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.13	0.020	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.13	0.020	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.13	0.019	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.13	0.027	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.13	0.018	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-3 (15-15.5)		
Lab Sample ID:	JA82254-5	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	87.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.13	0.015	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.13	0.029	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.13	0.026	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.33	0.017	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.067	0.023	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.13	0.015	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.13	0.033	mg/kg	
84-66-2	Diethyl phthalate	ND	0.13	0.023	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.13	0.024	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.13	0.059	mg/kg	
206-44-0	Fluoranthene	ND	0.067	0.030	mg/kg	
86-73-7	Fluorene	ND	0.067	0.022	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.13	0.022	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.067	0.019	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.3	0.068	mg/kg	
67-72-1	Hexachloroethane	ND	0.33	0.019	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.067	0.023	mg/kg	
78-59-1	Isophorone	ND	0.13	0.018	mg/kg	
91-20-3	Naphthalene	ND	0.067	0.018	mg/kg	
98-95-3	Nitrobenzene	ND	0.13	0.019	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.13	0.059	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.13	0.016	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.33	0.040	mg/kg	
85-01-8	Phenanthrene	ND	0.067	0.030	mg/kg	
129-00-0	Pyrene	ND	0.067	0.026	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.13	0.018	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		21-116%
4165-62-2	Phenol-d5	69%		19-117%
118-79-6	2,4,6-Tribromophenol	57%		24-136%
4165-60-0	Nitrobenzene-d5	67%		21-122%
321-60-8	2-Fluorobiphenyl	52%		30-117%
1718-51-0	Terphenyl-d14	57%		31-129%

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

Report of Analysis

Client Sample ID:	SB-3 (35-35.5)		
Lab Sample ID:	JA82254-6	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	87.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118203.D	1	08/09/11	CL	n/a	n/a	VV5035
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.011	0.0071	mg/kg	
71-43-2	Benzene	ND	0.0011	0.00014	mg/kg	
108-86-1	Bromobenzene	ND	0.0054	0.00021	mg/kg	
74-97-5	Bromochloromethane	ND	0.0054	0.00056	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0054	0.00024	mg/kg	
75-25-2	Bromoform	ND	0.0054	0.00081	mg/kg	
74-83-9	Bromomethane	ND	0.0054	0.00042	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.011	0.0046	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0054	0.00025	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0054	0.00017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0054	0.00015	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0054	0.00037	mg/kg	
108-90-7	Chlorobenzene	ND	0.0054	0.00035	mg/kg	
75-00-3	Chloroethane	ND	0.0054	0.00044	mg/kg	
67-66-3	Chloroform	ND	0.0054	0.00052	mg/kg	
74-87-3	Chloromethane	ND	0.0054	0.00067	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0054	0.00040	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0054	0.00022	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.011	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0054	0.00018	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	0.00026	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0054	0.00030	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0054	0.00021	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0054	0.00018	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0054	0.00034	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0054	0.00023	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	0.00020	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0054	0.00066	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0054	0.00035	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.0054	0.00046	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0054	0.00029	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0054	0.00040	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-3 (35-35.5)		
Lab Sample ID:	JA82254-6	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	87.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0054	0.00018	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0054	0.00022	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0054	0.00016	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0054	0.00036	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	0.00016	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0054	0.00056	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0054	0.00015	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0054	0.00032	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	0.00019	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0054	0.0028	mg/kg	
74-95-3	Methylene bromide	ND	0.0054	0.00061	mg/kg	
75-09-2	Methylene chloride	ND	0.0054	0.00025	mg/kg	
91-20-3	Naphthalene	ND	0.0054	0.0011	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0054	0.00037	mg/kg	
100-42-5	Styrene	ND	0.0054	0.00020	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0054	0.00020	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0054	0.00019	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0054	0.00020	mg/kg	
108-88-3	Toluene	ND	0.0011	0.00041	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0054	0.00047	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0054	0.00037	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0054	0.00026	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0054	0.00046	mg/kg	
79-01-6	Trichloroethene	ND	0.0054	0.00027	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0054	0.00052	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0054	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0054	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0054	0.00014	mg/kg	
75-01-4	Vinyl chloride	ND	0.0054	0.00049	mg/kg	
	m,p-Xylene	ND	0.0011	0.00034	mg/kg	
95-47-6	o-Xylene	ND	0.0011	0.00020	mg/kg	
1330-20-7	Xylene (total)	ND	0.0011	0.00020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		67-131%
17060-07-0	1,2-Dichloroethane-D4	84%		66-130%
2037-26-5	Toluene-D8	106%		76-125%
460-00-4	4-Bromofluorobenzene	97%		53-142%

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

Report of Analysis

Client Sample ID:	SB-3 (35-35.5)		
Lab Sample ID:	JA82254-6	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	87.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E35601.D	1	08/09/11	OYA	08/04/11	OP51106	E3E1576
Run #2							

	Initial Weight	Final Volume
Run #1	17.2 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.33	0.067	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.33	0.066	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.33	0.11	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.33	0.11	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.3	0.081	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1.3	0.081	mg/kg	
88-75-5	2-Nitrophenol	ND	0.33	0.070	mg/kg	
100-02-7	4-Nitrophenol	ND	0.66	0.11	mg/kg	
87-86-5	Pentachlorophenol	ND	0.66	0.11	mg/kg	
108-95-2	Phenol	ND	0.13	0.069	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.33	0.062	mg/kg	
83-32-9	Acenaphthene	ND	0.066	0.019	mg/kg	
208-96-8	Acenaphthylene	ND	0.066	0.021	mg/kg	
120-12-7	Anthracene	ND	0.066	0.023	mg/kg	
92-87-5	Benzidine	ND	1.3	0.25	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.066	0.022	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.066	0.020	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.066	0.022	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.066	0.025	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.066	0.025	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.13	0.024	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.13	0.038	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.13	0.021	mg/kg	
106-47-8	4-Chloroaniline	ND	0.33	0.021	mg/kg	
218-01-9	Chrysene	ND	0.066	0.022	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.13	0.027	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.13	0.020	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.13	0.020	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.13	0.020	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.13	0.019	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.13	0.027	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.13	0.018	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-3 (35-35.5)		
Lab Sample ID:	JA82254-6	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	87.9
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.13	0.015	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.13	0.029	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.13	0.025	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.33	0.017	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.066	0.023	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.13	0.015	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.13	0.032	mg/kg	
84-66-2	Diethyl phthalate	ND	0.13	0.023	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.13	0.023	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.13	0.058	mg/kg	
206-44-0	Fluoranthene	ND	0.066	0.029	mg/kg	
86-73-7	Fluorene	ND	0.066	0.022	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.13	0.022	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.066	0.018	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.3	0.067	mg/kg	
67-72-1	Hexachloroethane	ND	0.33	0.018	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.066	0.023	mg/kg	
78-59-1	Isophorone	ND	0.13	0.018	mg/kg	
91-20-3	Naphthalene	ND	0.066	0.018	mg/kg	
98-95-3	Nitrobenzene	ND	0.13	0.019	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.13	0.058	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.13	0.016	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.33	0.039	mg/kg	
85-01-8	Phenanthrene	ND	0.066	0.030	mg/kg	
129-00-0	Pyrene	ND	0.066	0.025	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.13	0.018	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		21-116%
4165-62-2	Phenol-d5	67%		19-117%
118-79-6	2,4,6-Tribromophenol	49%		24-136%
4165-60-0	Nitrobenzene-d5	67%		21-122%
321-60-8	2-Fluorobiphenyl	54%		30-117%
1718-51-0	Terphenyl-d14	55%		31-129%

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

Report of Analysis

Client Sample ID: SB-2 (7.5-8)
Lab Sample ID: JA82254-7 **Date Sampled:** 07/28/11
Matrix: SO - Soil **Date Received:** 07/29/11
Method: SW846 8260B **Percent Solids:** 91.4
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118254.D	1	08/10/11	CL	n/a	n/a	VV5037
Run #2							

	Initial Weight
Run #1	4.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.011	0.0074	mg/kg	
71-43-2	Benzene	ND	0.0011	0.00015	mg/kg	
108-86-1	Bromobenzene	ND	0.0056	0.00022	mg/kg	
74-97-5	Bromochloromethane	ND	0.0056	0.00058	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0056	0.00025	mg/kg	
75-25-2	Bromoform	ND	0.0056	0.00084	mg/kg	
74-83-9	Bromomethane	ND	0.0056	0.00044	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.011	0.0048	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0056	0.00026	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0056	0.00018	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0056	0.00015	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0056	0.00039	mg/kg	
108-90-7	Chlorobenzene	ND	0.0056	0.00036	mg/kg	
75-00-3	Chloroethane	ND	0.0056	0.00046	mg/kg	
67-66-3	Chloroform	ND	0.0056	0.00054	mg/kg	
74-87-3	Chloromethane	ND	0.0056	0.00070	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0056	0.00042	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0056	0.00023	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.011	0.0017	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0056	0.00019	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	0.00027	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0056	0.00031	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0056	0.00021	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0056	0.00019	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0056	0.00036	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0056	0.00024	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	0.00020	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0056	0.00068	mg/kg	
156-59-2	cis-1,2-Dichloroethene	0.00070	0.0056	0.00036	mg/kg	J
156-60-5	trans-1,2-Dichloroethene	ND	0.0056	0.00047	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0056	0.00030	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0056	0.00042	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-2 (7.5-8)		
Lab Sample ID:	JA82254-7	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	91.4
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0056	0.00019	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0056	0.00023	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0056	0.00017	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0056	0.00038	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	0.00017	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0056	0.00058	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0056	0.00015	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0056	0.00033	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	0.00020	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0056	0.0029	mg/kg	
74-95-3	Methylene bromide	ND	0.0056	0.00063	mg/kg	
75-09-2	Methylene chloride	ND	0.0056	0.00026	mg/kg	
91-20-3	Naphthalene	ND	0.0056	0.0012	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0056	0.00039	mg/kg	
100-42-5	Styrene	ND	0.0056	0.00021	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0056	0.00021	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0056	0.00020	mg/kg	
127-18-4	Tetrachloroethene	0.0101	0.0056	0.00021	mg/kg	
108-88-3	Toluene	ND	0.0011	0.00042	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0056	0.00049	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0056	0.00038	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0056	0.00027	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0056	0.00048	mg/kg	
79-01-6	Trichloroethene	0.0013	0.0056	0.00028	mg/kg	J
75-69-4	Trichlorofluoromethane	ND	0.0056	0.00054	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0056	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0056	0.0013	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0056	0.00014	mg/kg	
75-01-4	Vinyl chloride	ND	0.0056	0.00051	mg/kg	
	m,p-Xylene	ND	0.0011	0.00035	mg/kg	
95-47-6	o-Xylene	ND	0.0011	0.00021	mg/kg	
1330-20-7	Xylene (total)	ND	0.0011	0.00021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		67-131%
17060-07-0	1,2-Dichloroethane-D4	112%		66-130%
2037-26-5	Toluene-D8	108%		76-125%
460-00-4	4-Bromofluorobenzene	98%		53-142%

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

Report of Analysis

Client Sample ID: SB-2 (7.5-8)
Lab Sample ID: JA82254-7 **Date Sampled:** 07/28/11
Matrix: SO - Soil **Date Received:** 07/29/11
Method: SW846 8270D SW846 3550C **Percent Solids:** 91.4
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P7043.D	1	08/04/11	OPM	08/03/11	OP51089	E2P363
Run #2							

	Initial Weight	Final Volume
Run #1	35.5 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.15	0.031	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.15	0.031	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.15	0.050	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.15	0.052	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	0.62	0.038	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.62	0.038	mg/kg	
88-75-5	2-Nitrophenol	ND	0.15	0.033	mg/kg	
100-02-7	4-Nitrophenol	ND	0.31	0.052	mg/kg	
87-86-5	Pentachlorophenol	ND	0.31	0.053	mg/kg	
108-95-2	Phenol	ND	0.062	0.032	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.15	0.029	mg/kg	
83-32-9	Acenaphthene	ND	0.031	0.0089	mg/kg	
208-96-8	Acenaphthylene	ND	0.031	0.0099	mg/kg	
120-12-7	Anthracene	ND	0.031	0.011	mg/kg	
92-87-5	Benzidine	ND	0.62	0.11	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.031	0.010	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.031	0.0094	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.031	0.010	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.031	0.011	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.031	0.012	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.062	0.011	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.062	0.018	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.062	0.0096	mg/kg	
106-47-8	4-Chloroaniline	ND	0.15	0.0099	mg/kg	
218-01-9	Chrysene	ND	0.031	0.010	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.062	0.012	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.062	0.0093	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.062	0.0092	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.062	0.0093	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.062	0.0089	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.062	0.013	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.062	0.0083	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-2 (7.5-8)		
Lab Sample ID:	JA82254-7	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	91.4
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.062	0.0069	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.062	0.013	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.062	0.012	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.15	0.0078	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.031	0.011	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.062	0.0068	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.062	0.015	mg/kg	
84-66-2	Diethyl phthalate	ND	0.062	0.011	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.062	0.011	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.062	0.027	mg/kg	
206-44-0	Fluoranthene	ND	0.031	0.014	mg/kg	
86-73-7	Fluorene	ND	0.031	0.010	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.062	0.010	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.031	0.0086	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.62	0.031	mg/kg	
67-72-1	Hexachloroethane	ND	0.15	0.0086	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.031	0.011	mg/kg	
78-59-1	Isophorone	ND	0.062	0.0083	mg/kg	
91-20-3	Naphthalene	ND	0.031	0.0084	mg/kg	
98-95-3	Nitrobenzene	ND	0.062	0.0089	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.062	0.027	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.062	0.0075	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.15	0.018	mg/kg	
85-01-8	Phenanthrene	ND	0.031	0.014	mg/kg	
129-00-0	Pyrene	ND	0.031	0.012	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.062	0.0082	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	57%		21-116%
4165-62-2	Phenol-d5	53%		19-117%
118-79-6	2,4,6-Tribromophenol	67%		24-136%
4165-60-0	Nitrobenzene-d5	59%		21-122%
321-60-8	2-Fluorobiphenyl	62%		30-117%
1718-51-0	Terphenyl-d14	61%		31-129%

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

Report of Analysis

Client Sample ID:	SB-2 (7.5-8)		
Lab Sample ID:	JA82254-7	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8151 SW846 3550C	**Percent Solids:**	91.4
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW102862.D	1	08/10/11	TDR	08/03/11	OP51088	GWW3614
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.016	0.0045	mg/kg	
93-72-1	2,4,5-TP (Silvex)	ND	0.0031	0.00055	mg/kg	
93-76-5	2,4,5-T	ND	0.0031	0.0014	mg/kg	
75-99-0	Dalapon	ND	0.0031	0.0011	mg/kg	
1918-00-9	Dicamba	ND	0.0031	0.00064	mg/kg	
120-36-5	Dichloroprop	ND	0.016	0.0037	mg/kg	
88-85-7	Dinoseb	ND	0.016	0.0029	mg/kg	
94-74-6	MCPA	ND	1.6	0.49	mg/kg	
93-65-2	MCPP	ND	1.6	0.26	mg/kg	
87-86-5	Pentachlorophenol	ND	0.0016	0.0011	mg/kg	
94-82-6	2,4-DB	ND	0.016	0.011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	101%		13-146%
19719-28-9	2,4-DCAA	93%		13-146%

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

Report of Analysis

Client Sample ID: SB-2 (7.5-8)
Lab Sample ID: JA82254-7 **Date Sampled:** 07/28/11
Matrix: SO - Soil **Date Received:** 07/29/11
Method: SW846 8081B SW846 3545A **Percent Solids:** 91.4
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G8949.D	1	08/03/11	MD	08/03/11	OP51075	G4G264
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0013	0.00032	mg/kg	
319-84-6	alpha-BHC	ND	0.0013	0.00048	mg/kg	
319-85-7	beta-BHC	ND	0.0013	0.00045	mg/kg	
319-86-8	delta-BHC	ND	0.0013	0.00038	mg/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.0013	0.00029	mg/kg	
5103-71-9	alpha-Chlordane	ND	0.0013	0.00042	mg/kg	
5103-74-2	gamma-Chlordane	ND	0.0013	0.00033	mg/kg	
60-57-1	Dieldrin	ND	0.0013	0.00050	mg/kg	
72-54-8	4,4'-DDD	ND	0.0013	0.00033	mg/kg	
72-55-9	4,4'-DDE	ND	0.0013	0.00038	mg/kg	
50-29-3	4,4'-DDT	ND	0.0013	0.00047	mg/kg	
72-20-8	Endrin	ND	0.0013	0.00033	mg/kg	
1031-07-8	Endosulfan sulfate	ND	0.0013	0.00058	mg/kg	
7421-93-4	Endrin aldehyde	ND	0.0013	0.00061	mg/kg	
959-98-8	Endosulfan-I	ND	0.0013	0.00031	mg/kg	
33213-65-9	Endosulfan-II	ND	0.0013	0.00042	mg/kg	
76-44-8	Heptachlor	ND	0.0013	0.00039	mg/kg	
1024-57-3	Heptachlor epoxide	ND	0.0013	0.00032	mg/kg	
72-43-5	Methoxychlor	ND	0.0013	0.00045	mg/kg	
53494-70-5	Endrin ketone	ND	0.0013	0.00042	mg/kg	
8001-35-2	Toxaphene	ND	0.016	0.0081	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		23-137%
877-09-8	Tetrachloro-m-xylene	75%		23-137%
2051-24-3	Decachlorobiphenyl	84%		22-160%
2051-24-3	Decachlorobiphenyl	82%		22-160%

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

Report of Analysis

Client Sample ID:	SB-2 (7.5-8)		
Lab Sample ID:	JA82254-7	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8082A SW846 3545A	**Percent Solids:**	91.4
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA77338.D	1	08/04/11	TDR	08/03/11	OP51076	GOA2614
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.032	0.0084	mg/kg	
11104-28-2	Aroclor 1221	ND	0.032	0.019	mg/kg	
11141-16-5	Aroclor 1232	ND	0.032	0.016	mg/kg	
53469-21-9	Aroclor 1242	ND	0.032	0.010	mg/kg	
12672-29-6	Aroclor 1248	ND	0.032	0.0098	mg/kg	
11097-69-1	Aroclor 1254	ND	0.032	0.015	mg/kg	
11096-82-5	Aroclor 1260	ND	0.032	0.011	mg/kg	
11100-14-4	Aroclor 1268	ND	0.032	0.0095	mg/kg	
37324-23-5	Aroclor 1262	ND	0.032	0.010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		22-141%
877-09-8	Tetrachloro-m-xylene	73%		22-141%
2051-24-3	Decachlorobiphenyl	76%		18-163%
2051-24-3	Decachlorobiphenyl	81%		18-163%

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

Report of Analysis

Client Sample ID: SB-2 (7.5-8)
Lab Sample ID: JA82254-7 **Date Sampled:** 07/28/11
Matrix: SO - Soil **Date Received:** 07/29/11
Percent Solids: 91.4
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7390	54	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.2	2.2	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Arsenic	3.1	2.2	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Barium	39.6	22	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.32	0.22	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Cadmium	< 0.54	0.54	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Calcium	939	540	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Chromium	17.5	1.1	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Cobalt	5.8	5.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Copper	11.1	2.7	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Iron	12300	54	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Lead	3.9	2.2	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Magnesium	1590	540	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Manganese	279	1.6	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Mercury	< 0.036	0.036	mg/kg	1	08/04/11	08/04/11	MP	SW846 7471B [1]	SW846 7471B [4]
Nickel	14.8	4.3	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Potassium	< 1100	1100	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.2	2.2	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Silver	< 0.54	0.54	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1100	1100	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.1	1.1	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [3]	SW846 3050B [5]
Vanadium	22.6	5.4	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Zinc	23.9	2.2	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA26849
(2) Instrument QC Batch: MA26870
(3) Instrument QC Batch: MA26873
(4) Prep QC Batch: MP59522
(5) Prep QC Batch: MP59577

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB-2 (11-11.5)
Lab Sample ID: JA82254-8 **Date Sampled:** 07/28/11
Matrix: SO - Soil **Date Received:** 07/29/11
Method: SW846 8260B **Percent Solids:** 86.3
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118103.D	1	08/06/11	CL	n/a	n/a	VV5031
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.011	0.0070	mg/kg	
71-43-2	Benzene	ND	0.0011	0.00014	mg/kg	
108-86-1	Bromobenzene	ND	0.0053	0.00021	mg/kg	
74-97-5	Bromochloromethane	ND	0.0053	0.00055	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0053	0.00024	mg/kg	
75-25-2	Bromoform	ND	0.0053	0.00080	mg/kg	
74-83-9	Bromomethane	ND	0.0053	0.00042	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.011	0.0046	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0053	0.00025	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0053	0.00017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0053	0.00015	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0053	0.00036	mg/kg	
108-90-7	Chlorobenzene	ND	0.0053	0.00034	mg/kg	
75-00-3	Chloroethane	ND	0.0053	0.00043	mg/kg	
67-66-3	Chloroform	ND	0.0053	0.00051	mg/kg	
74-87-3	Chloromethane	ND	0.0053	0.00066	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0053	0.00040	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0053	0.00022	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.011	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0053	0.00018	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	0.00025	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0053	0.00029	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0053	0.00020	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0053	0.00018	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0053	0.00034	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0053	0.00023	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	0.00019	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0053	0.00065	mg/kg	
156-59-2	cis-1,2-Dichloroethene	0.0021	0.0053	0.00034	mg/kg	J
156-60-5	trans-1,2-Dichloroethene	ND	0.0053	0.00045	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0053	0.00028	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0053	0.00039	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-2 (11-11.5)		
Lab Sample ID:	JA82254-8	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	86.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0053	0.00018	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0053	0.00022	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0053	0.00016	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0053	0.00035	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	0.00016	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	0.00055	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0053	0.00014	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0053	0.00031	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	0.00019	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0053	0.0028	mg/kg	
74-95-3	Methylene bromide	ND	0.0053	0.00060	mg/kg	
75-09-2	Methylene chloride	ND	0.0053	0.00024	mg/kg	
91-20-3	Naphthalene	ND	0.0053	0.0011	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0053	0.00036	mg/kg	
100-42-5	Styrene	ND	0.0053	0.00019	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0053	0.00019	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0053	0.00019	mg/kg	
127-18-4	Tetrachloroethene	0.0260	0.0053	0.00020	mg/kg	
108-88-3	Toluene	ND	0.0011	0.00040	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	0.00046	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	0.00036	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0053	0.00025	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0053	0.00046	mg/kg	
79-01-6	Trichloroethene	0.0031	0.0053	0.00026	mg/kg	J
75-69-4	Trichlorofluoromethane	ND	0.0053	0.00051	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0053	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0053	0.00013	mg/kg	
75-01-4	Vinyl chloride	ND	0.0053	0.00049	mg/kg	
	m,p-Xylene	ND	0.0011	0.00033	mg/kg	
95-47-6	o-Xylene	ND	0.0011	0.00019	mg/kg	
1330-20-7	Xylene (total)	ND	0.0011	0.00019	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		67-131%
17060-07-0	1,2-Dichloroethane-D4	83%		66-130%
2037-26-5	Toluene-D8	105%		76-125%
460-00-4	4-Bromofluorobenzene	96%		53-142%

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

Report of Analysis

Client Sample ID: SB-2 (11-11.5)
Lab Sample ID: JA82254-8 **Date Sampled:** 07/28/11
Matrix: SO - Soil **Date Received:** 07/29/11
Method: SW846 8270D SW846 3550C **Percent Solids:** 86.3
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E35602.D	1	08/09/11	OYA	08/04/11	OP51106	E3E1576
Run #2							

	Initial Weight	Final Volume
Run #1	17.2 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.34	0.068	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.34	0.067	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.34	0.11	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.34	0.11	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.3	0.082	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1.3	0.082	mg/kg	
88-75-5	2-Nitrophenol	ND	0.34	0.071	mg/kg	
100-02-7	4-Nitrophenol	ND	0.67	0.11	mg/kg	
87-86-5	Pentachlorophenol	ND	0.67	0.12	mg/kg	
108-95-2	Phenol	ND	0.13	0.071	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.34	0.063	mg/kg	
83-32-9	Acenaphthene	ND	0.067	0.020	mg/kg	
208-96-8	Acenaphthylene	ND	0.067	0.022	mg/kg	
120-12-7	Anthracene	ND	0.067	0.024	mg/kg	
92-87-5	Benzidine	ND	1.3	0.25	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.067	0.022	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.067	0.021	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.067	0.023	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.067	0.025	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.067	0.025	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.13	0.024	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.13	0.039	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.13	0.021	mg/kg	
106-47-8	4-Chloroaniline	ND	0.34	0.022	mg/kg	
218-01-9	Chrysene	ND	0.067	0.023	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.13	0.027	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.13	0.020	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.13	0.020	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.13	0.020	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.13	0.019	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.13	0.027	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.13	0.018	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-2 (11-11.5)		
Lab Sample ID:	JA82254-8	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	86.3
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.13	0.015	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.13	0.029	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.13	0.026	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.34	0.017	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.067	0.023	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.13	0.015	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.13	0.033	mg/kg	
84-66-2	Diethyl phthalate	ND	0.13	0.023	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.13	0.024	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.13	0.059	mg/kg	
206-44-0	Fluoranthene	ND	0.067	0.030	mg/kg	
86-73-7	Fluorene	ND	0.067	0.022	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.13	0.022	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.067	0.019	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.3	0.069	mg/kg	
67-72-1	Hexachloroethane	ND	0.34	0.019	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.067	0.023	mg/kg	
78-59-1	Isophorone	ND	0.13	0.018	mg/kg	
91-20-3	Naphthalene	ND	0.067	0.018	mg/kg	
98-95-3	Nitrobenzene	ND	0.13	0.019	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.13	0.059	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.13	0.016	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.34	0.040	mg/kg	
85-01-8	Phenanthrene	ND	0.067	0.031	mg/kg	
129-00-0	Pyrene	ND	0.067	0.026	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.13	0.018	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%		21-116%
4165-62-2	Phenol-d5	64%		19-117%
118-79-6	2,4,6-Tribromophenol	53%		24-136%
4165-60-0	Nitrobenzene-d5	61%		21-122%
321-60-8	2-Fluorobiphenyl	50%		30-117%
1718-51-0	Terphenyl-d14	51%		31-129%

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

Report of Analysis

Client Sample ID:	SB-2 (35-35.5)		
Lab Sample ID:	JA82254-9	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	86.0
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118255.D	1	08/10/11	CL	n/a	n/a	VV5037
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.012	0.0077	mg/kg	
71-43-2	Benzene	ND	0.0012	0.00015	mg/kg	
108-86-1	Bromobenzene	ND	0.0058	0.00023	mg/kg	
74-97-5	Bromochloromethane	ND	0.0058	0.00060	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0058	0.00026	mg/kg	
75-25-2	Bromoform	ND	0.0058	0.00088	mg/kg	
74-83-9	Bromomethane	ND	0.0058	0.00046	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.012	0.0050	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0058	0.00027	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0058	0.00018	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0058	0.00016	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0058	0.00040	mg/kg	
108-90-7	Chlorobenzene	ND	0.0058	0.00037	mg/kg	
75-00-3	Chloroethane	ND	0.0058	0.00047	mg/kg	
67-66-3	Chloroform	ND	0.0058	0.00056	mg/kg	
74-87-3	Chloromethane	ND	0.0058	0.00073	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0058	0.00044	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0058	0.00024	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.012	0.0018	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0058	0.00020	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0012	0.00028	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0058	0.00032	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0058	0.00022	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0058	0.00020	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0058	0.00037	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0058	0.00025	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0012	0.00021	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0058	0.00071	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0058	0.00037	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.0058	0.00049	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0058	0.00031	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0058	0.00043	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-2 (35-35.5)		
Lab Sample ID:	JA82254-9	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	86.0
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0058	0.00020	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0058	0.00024	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0058	0.00018	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0058	0.00039	mg/kg	
100-41-4	Ethylbenzene	ND	0.0012	0.00017	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0058	0.00061	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0058	0.00016	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0058	0.00034	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0012	0.00021	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0058	0.0031	mg/kg	
74-95-3	Methylene bromide	ND	0.0058	0.00066	mg/kg	
75-09-2	Methylene chloride	ND	0.0058	0.00027	mg/kg	
91-20-3	Naphthalene	ND	0.0058	0.0012	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0058	0.00040	mg/kg	
100-42-5	Styrene	ND	0.0058	0.00022	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0058	0.00021	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0058	0.00021	mg/kg	
127-18-4	Tetrachloroethene	0.00024	0.0058	0.00022	mg/kg	J
108-88-3	Toluene	ND	0.0012	0.00044	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0058	0.00051	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0058	0.00040	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0058	0.00028	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0058	0.00050	mg/kg	
79-01-6	Trichloroethene	ND	0.0058	0.00029	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0058	0.00056	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0058	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0058	0.0013	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0058	0.00015	mg/kg	
75-01-4	Vinyl chloride	ND	0.0058	0.00054	mg/kg	
	m,p-Xylene	ND	0.0012	0.00037	mg/kg	
95-47-6	o-Xylene	ND	0.0012	0.00021	mg/kg	
1330-20-7	Xylene (total)	ND	0.0012	0.00021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		67-131%
17060-07-0	1,2-Dichloroethane-D4	109%		66-130%
2037-26-5	Toluene-D8	108%		76-125%
460-00-4	4-Bromofluorobenzene	98%		53-142%

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

Report of Analysis

Client Sample ID: SB-2 (35-35.5)
Lab Sample ID: JA82254-9 **Date Sampled:** 07/28/11
Matrix: SO - Soil **Date Received:** 07/29/11
Method: SW846 8270D SW846 3550C **Percent Solids:** 86.0
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E35603.D	1	08/09/11	OYA	08/04/11	OP51106	E3E1576
Run #2							

	Initial Weight	Final Volume
Run #1	17.4 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.33	0.067	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.33	0.067	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.33	0.11	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.33	0.11	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.3	0.082	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1.3	0.082	mg/kg	
88-75-5	2-Nitrophenol	ND	0.33	0.071	mg/kg	
100-02-7	4-Nitrophenol	ND	0.67	0.11	mg/kg	
87-86-5	Pentachlorophenol	ND	0.67	0.11	mg/kg	
108-95-2	Phenol	ND	0.13	0.070	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.33	0.063	mg/kg	
83-32-9	Acenaphthene	ND	0.067	0.019	mg/kg	
208-96-8	Acenaphthylene	ND	0.067	0.021	mg/kg	
120-12-7	Anthracene	ND	0.067	0.023	mg/kg	
92-87-5	Benzidine	ND	1.3	0.25	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.067	0.022	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.067	0.020	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.067	0.022	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.067	0.025	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.067	0.025	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.13	0.024	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.13	0.039	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.13	0.021	mg/kg	
106-47-8	4-Chloroaniline	ND	0.33	0.021	mg/kg	
218-01-9	Chrysene	ND	0.067	0.023	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.13	0.027	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.13	0.020	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.13	0.020	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.13	0.020	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.13	0.019	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.13	0.027	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.13	0.018	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-2 (35-35.5)		
Lab Sample ID:	JA82254-9	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	86.0
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.13	0.015	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.13	0.029	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.13	0.025	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.33	0.017	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.067	0.023	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.13	0.015	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.13	0.033	mg/kg	
84-66-2	Diethyl phthalate	ND	0.13	0.023	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.13	0.024	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.13	0.059	mg/kg	
206-44-0	Fluoranthene	ND	0.067	0.029	mg/kg	
86-73-7	Fluorene	ND	0.067	0.022	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.13	0.022	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.067	0.019	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.3	0.068	mg/kg	
67-72-1	Hexachloroethane	ND	0.33	0.019	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.067	0.023	mg/kg	
78-59-1	Isophorone	ND	0.13	0.018	mg/kg	
91-20-3	Naphthalene	ND	0.067	0.018	mg/kg	
98-95-3	Nitrobenzene	ND	0.13	0.019	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.13	0.059	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.13	0.016	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.33	0.040	mg/kg	
85-01-8	Phenanthrene	ND	0.067	0.030	mg/kg	
129-00-0	Pyrene	ND	0.067	0.026	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.13	0.018	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		21-116%
4165-62-2	Phenol-d5	70%		19-117%
118-79-6	2,4,6-Tribromophenol	58%		24-136%
4165-60-0	Nitrobenzene-d5	63%		21-122%
321-60-8	2-Fluorobiphenyl	52%		30-117%
1718-51-0	Terphenyl-d14	54%		31-129%

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

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA82254-10	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	76.2
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118156.D	1	08/08/11	CL	n/a	n/a	VV5033
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.013	0.0084	mg/kg	
71-43-2	Benzene	ND	0.0013	0.00017	mg/kg	
108-86-1	Bromobenzene	ND	0.0063	0.00025	mg/kg	
74-97-5	Bromochloromethane	ND	0.0063	0.00065	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0063	0.00028	mg/kg	
75-25-2	Bromoform	ND	0.0063	0.00095	mg/kg	
74-83-9	Bromomethane	ND	0.0063	0.00050	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.013	0.0055	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0063	0.00030	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0063	0.00020	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0063	0.00017	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0063	0.00044	mg/kg	
108-90-7	Chlorobenzene	ND	0.0063	0.00041	mg/kg	
75-00-3	Chloroethane	ND	0.0063	0.00051	mg/kg	
67-66-3	Chloroform	ND	0.0063	0.00061	mg/kg	
74-87-3	Chloromethane	ND	0.0063	0.00079	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0063	0.00047	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0063	0.00026	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.013	0.0019	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0063	0.00021	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0013	0.00030	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0063	0.00035	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0063	0.00024	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0063	0.00021	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0063	0.00041	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0063	0.00028	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0013	0.00023	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0063	0.00077	mg/kg	
156-59-2	cis-1,2-Dichloroethene	0.0041	0.0063	0.00041	mg/kg	J
156-60-5	trans-1,2-Dichloroethene	ND	0.0063	0.00054	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0063	0.00034	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0063	0.00047	mg/kg	

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

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA82254-10	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	76.2
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0063	0.00022	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0063	0.00026	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0063	0.00019	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0063	0.00042	mg/kg	
100-41-4	Ethylbenzene	ND	0.0013	0.00019	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0063	0.00066	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0063	0.00017	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0063	0.00037	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0013	0.00023	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0063	0.0033	mg/kg	
74-95-3	Methylene bromide	ND	0.0063	0.00072	mg/kg	
75-09-2	Methylene chloride	ND	0.0063	0.00029	mg/kg	
91-20-3	Naphthalene	ND	0.0063	0.0013	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0063	0.00044	mg/kg	
100-42-5	Styrene	ND	0.0063	0.00023	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0063	0.00023	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0063	0.00023	mg/kg	
127-18-4	Tetrachloroethene	0.0626	0.0063	0.00024	mg/kg	
108-88-3	Toluene	ND	0.0013	0.00048	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0063	0.00055	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0063	0.00043	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0063	0.00030	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0063	0.00055	mg/kg	
79-01-6	Trichloroethene	0.0062	0.0063	0.00031	mg/kg	J
75-69-4	Trichlorofluoromethane	ND	0.0063	0.00061	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0063	0.0014	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0063	0.0014	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0063	0.00016	mg/kg	
75-01-4	Vinyl chloride	ND	0.0063	0.00058	mg/kg	
	m,p-Xylene	ND	0.0013	0.00040	mg/kg	
95-47-6	o-Xylene	ND	0.0013	0.00023	mg/kg	
1330-20-7	Xylene (total)	ND	0.0013	0.00023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		67-131%
17060-07-0	1,2-Dichloroethane-D4	91%		66-130%
2037-26-5	Toluene-D8	105%		76-125%
460-00-4	4-Bromofluorobenzene	95%		53-142%

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

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA82254-10	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	76.2
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E35604.D	1	08/09/11	OYA	08/04/11	OP51106	E3E1576
Run #2							

	Initial Weight	Final Volume
Run #1	17.2 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.38	0.077	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.38	0.076	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.38	0.12	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.38	0.13	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.5	0.093	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1.5	0.093	mg/kg	
88-75-5	2-Nitrophenol	ND	0.38	0.081	mg/kg	
100-02-7	4-Nitrophenol	ND	0.76	0.13	mg/kg	
87-86-5	Pentachlorophenol	ND	0.76	0.13	mg/kg	
108-95-2	Phenol	ND	0.15	0.080	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.38	0.072	mg/kg	
83-32-9	Acenaphthene	ND	0.076	0.022	mg/kg	
208-96-8	Acenaphthylene	ND	0.076	0.024	mg/kg	
120-12-7	Anthracene	ND	0.076	0.027	mg/kg	
92-87-5	Benzidine	ND	1.5	0.28	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.076	0.025	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.076	0.023	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.076	0.025	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.076	0.028	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.076	0.029	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.15	0.028	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.15	0.044	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.15	0.024	mg/kg	
106-47-8	4-Chloroaniline	ND	0.38	0.024	mg/kg	
218-01-9	Chrysene	ND	0.076	0.026	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.15	0.031	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.15	0.023	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.15	0.023	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.15	0.023	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.15	0.022	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.15	0.031	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.15	0.020	mg/kg	

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

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA82254-10	**Date Sampled:**	07/28/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	76.2
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.15	0.017	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.15	0.033	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.15	0.029	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.38	0.019	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.076	0.026	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.15	0.017	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.15	0.037	mg/kg	
84-66-2	Diethyl phthalate	ND	0.15	0.026	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.15	0.027	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.15	0.067	mg/kg	
206-44-0	Fluoranthene	ND	0.076	0.034	mg/kg	
86-73-7	Fluorene	ND	0.076	0.025	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.15	0.025	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.076	0.021	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.5	0.078	mg/kg	
67-72-1	Hexachloroethane	ND	0.38	0.021	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.076	0.026	mg/kg	
78-59-1	Isophorone	ND	0.15	0.021	mg/kg	
91-20-3	Naphthalene	ND	0.076	0.021	mg/kg	
98-95-3	Nitrobenzene	ND	0.15	0.022	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.15	0.067	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.15	0.019	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.38	0.046	mg/kg	
85-01-8	Phenanthrene	ND	0.076	0.035	mg/kg	
129-00-0	Pyrene	ND	0.076	0.029	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.15	0.020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		21-116%
4165-62-2	Phenol-d5	66%		19-117%
118-79-6	2,4,6-Tribromophenol	59%		24-136%
4165-60-0	Nitrobenzene-d5	64%		21-122%
321-60-8	2-Fluorobiphenyl	52%		30-117%
1718-51-0	Terphenyl-d14	53%		31-129%

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

Report of Analysis

Client Sample ID:	SB-1 (9-9.5)		
Lab Sample ID:	JA82254-11	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	89.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118066.D	1	08/05/11	CL	n/a	n/a	VV5029
Run #2							

	Initial Weight
Run #1	5.1 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.011	0.0073	mg/kg	
71-43-2	Benzene	ND	0.0011	0.00015	mg/kg	
108-86-1	Bromobenzene	ND	0.0055	0.00021	mg/kg	
74-97-5	Bromochloromethane	ND	0.0055	0.00057	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0055	0.00025	mg/kg	
75-25-2	Bromoform	ND	0.0055	0.00083	mg/kg	
74-83-9	Bromomethane	ND	0.0055	0.00043	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.011	0.0048	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0055	0.00026	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0055	0.00017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0055	0.00015	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0055	0.00038	mg/kg	
108-90-7	Chlorobenzene	ND	0.0055	0.00035	mg/kg	
75-00-3	Chloroethane	ND	0.0055	0.00045	mg/kg	
67-66-3	Chloroform	ND	0.0055	0.00053	mg/kg	
74-87-3	Chloromethane	ND	0.0055	0.00069	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0055	0.00041	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0055	0.00023	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.011	0.0017	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0055	0.00018	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	0.00026	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0055	0.00030	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0055	0.00021	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0055	0.00019	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0055	0.00035	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0055	0.00024	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	0.00020	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0055	0.00067	mg/kg	
156-59-2	cis-1,2-Dichloroethene	0.0071	0.0055	0.00035	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.0055	0.00047	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0055	0.00029	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0055	0.00041	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-1 (9-9.5)		
Lab Sample ID:	JA82254-11	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	89.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0055	0.00019	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0055	0.00023	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0055	0.00017	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0055	0.00037	mg/kg	
100-41-4	Ethylbenzene	0.00024	0.0011	0.00016	mg/kg	J
87-68-3	Hexachlorobutadiene	ND	0.0055	0.00057	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0055	0.00015	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0055	0.00033	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	0.00020	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0055	0.0029	mg/kg	
74-95-3	Methylene bromide	ND	0.0055	0.00062	mg/kg	
75-09-2	Methylene chloride	ND	0.0055	0.00025	mg/kg	
91-20-3	Naphthalene	ND	0.0055	0.0012	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0055	0.00038	mg/kg	
100-42-5	Styrene	ND	0.0055	0.00020	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0055	0.00020	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0055	0.00020	mg/kg	
127-18-4	Tetrachloroethene	0.0368	0.0055	0.00021	mg/kg	
108-88-3	Toluene	0.00060	0.0011	0.00042	mg/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	0.0055	0.00048	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0055	0.00038	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0055	0.00027	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0055	0.00048	mg/kg	
79-01-6	Trichloroethene	0.0051	0.0055	0.00027	mg/kg	J
75-69-4	Trichlorofluoromethane	ND	0.0055	0.00053	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0055	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0055	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0055	0.00014	mg/kg	
75-01-4	Vinyl chloride	ND	0.0055	0.00051	mg/kg	
	m,p-Xylene	0.00048	0.0011	0.00035	mg/kg	J
95-47-6	o-Xylene	0.00025	0.0011	0.00020	mg/kg	J
1330-20-7	Xylene (total)	0.00074	0.0011	0.00020	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		67-131%
17060-07-0	1,2-Dichloroethane-D4	88%		66-130%
2037-26-5	Toluene-D8	105%		76-125%
460-00-4	4-Bromofluorobenzene	97%		53-142%

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

Report of Analysis

Client Sample ID:	SB-1 (9-9.5)		
Lab Sample ID:	JA82254-11	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	89.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P7044.D	1	08/04/11	OPM	08/03/11	OP51089	E2P363
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.16	0.032	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.16	0.032	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.16	0.052	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.16	0.054	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	0.64	0.039	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.64	0.039	mg/kg	
88-75-5	2-Nitrophenol	ND	0.16	0.034	mg/kg	
100-02-7	4-Nitrophenol	ND	0.32	0.054	mg/kg	
87-86-5	Pentachlorophenol	ND	0.32	0.055	mg/kg	
108-95-2	Phenol	ND	0.064	0.034	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.16	0.030	mg/kg	
83-32-9	Acenaphthene	ND	0.032	0.0093	mg/kg	
208-96-8	Acenaphthylene	ND	0.032	0.010	mg/kg	
120-12-7	Anthracene	ND	0.032	0.011	mg/kg	
92-87-5	Benzidine	ND	0.64	0.12	mg/kg	
56-55-3	Benzo(a)anthracene	0.0592	0.032	0.010	mg/kg	
50-32-8	Benzo(a)pyrene	0.0621	0.032	0.0098	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.0459	0.032	0.011	mg/kg	
191-24-2	Benzo(g,h,i)perylene	0.0406	0.032	0.012	mg/kg	
207-08-9	Benzo(k)fluoranthene	0.0523	0.032	0.012	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.064	0.012	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.064	0.019	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.064	0.0099	mg/kg	
106-47-8	4-Chloroaniline	ND	0.16	0.010	mg/kg	
218-01-9	Chrysene	0.0582	0.032	0.011	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.064	0.013	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.064	0.0097	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.064	0.0095	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.064	0.0097	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.064	0.0092	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.064	0.013	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.064	0.0086	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-1 (9-9.5)		
Lab Sample ID:	JA82254-11	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	89.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.064	0.0072	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.064	0.014	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.064	0.012	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.16	0.0081	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.032	0.011	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.064	0.0071	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.064	0.016	mg/kg	
84-66-2	Diethyl phthalate	ND	0.064	0.011	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.064	0.011	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	0.128	0.064	0.028	mg/kg	
206-44-0	Fluoranthene	0.109	0.032	0.014	mg/kg	
86-73-7	Fluorene	ND	0.032	0.011	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.064	0.010	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.032	0.0089	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.64	0.033	mg/kg	
67-72-1	Hexachloroethane	ND	0.16	0.0089	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	0.0370	0.032	0.011	mg/kg	
78-59-1	Isophorone	ND	0.064	0.0086	mg/kg	
91-20-3	Naphthalene	ND	0.032	0.0088	mg/kg	
98-95-3	Nitrobenzene	ND	0.064	0.0093	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.064	0.028	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.064	0.0078	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.16	0.019	mg/kg	
85-01-8	Phenanthrene	0.0218	0.032	0.015	mg/kg	J
129-00-0	Pyrene	0.0975	0.032	0.012	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.064	0.0085	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		21-116%
4165-62-2	Phenol-d5	50%		19-117%
118-79-6	2,4,6-Tribromophenol	68%		24-136%
4165-60-0	Nitrobenzene-d5	54%		21-122%
321-60-8	2-Fluorobiphenyl	59%		30-117%
1718-51-0	Terphenyl-d14	62%		31-129%

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

Report of Analysis

Client Sample ID:	SB-1 (9-9.5)		
Lab Sample ID:	JA82254-11	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8151 SW846 3550C	**Percent Solids:**	89.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW102863.D	1	08/10/11	TDR	08/03/11	OP51088	GWW3614
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.016	0.0046	mg/kg	
93-72-1	2,4,5-TP (Silvex)	ND	0.0032	0.00056	mg/kg	
93-76-5	2,4,5-T	ND	0.0032	0.0014	mg/kg	
75-99-0	Dalapon	ND	0.0032	0.0011	mg/kg	
1918-00-9	Dicamba	ND	0.0032	0.00065	mg/kg	
120-36-5	Dichloroprop	ND	0.016	0.0038	mg/kg	
88-85-7	Dinoseb	ND	0.016	0.0030	mg/kg	
94-74-6	MCPA	ND	1.6	0.51	mg/kg	
93-65-2	MCPP	ND	1.6	0.26	mg/kg	
87-86-5	Pentachlorophenol	ND	0.0016	0.0011	mg/kg	
94-82-6	2,4-DB	ND	0.016	0.011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	110%		13-146%
19719-28-9	2,4-DCAA	99%		13-146%

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

Report of Analysis

Client Sample ID:	SB-1 (9-9.5)		
Lab Sample ID:	JA82254-11	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8081B SW846 3545A	**Percent Solids:**	89.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G8950.D	1	08/03/11	MD	08/03/11	OP51075	G4G264
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0013	0.00033	mg/kg	
319-84-6	alpha-BHC	ND	0.0013	0.00049	mg/kg	
319-85-7	beta-BHC	ND	0.0013	0.00046	mg/kg	
319-86-8	delta-BHC	ND	0.0013	0.00039	mg/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.0013	0.00030	mg/kg	
5103-71-9	alpha-Chlordane	ND	0.0013	0.00043	mg/kg	
5103-74-2	gamma-Chlordane	ND	0.0013	0.00034	mg/kg	
60-57-1	Dieldrin	ND	0.0013	0.00051	mg/kg	
72-54-8	4,4'-DDD	ND	0.0013	0.00034	mg/kg	
72-55-9	4,4'-DDE	ND	0.0013	0.00039	mg/kg	
50-29-3	4,4'-DDT	ND	0.0013	0.00048	mg/kg	
72-20-8	Endrin	ND	0.0013	0.00034	mg/kg	
1031-07-8	Endosulfan sulfate	ND	0.0013	0.00060	mg/kg	
7421-93-4	Endrin aldehyde	ND	0.0013	0.00063	mg/kg	
959-98-8	Endosulfan-I	ND	0.0013	0.00032	mg/kg	
33213-65-9	Endosulfan-II	ND	0.0013	0.00044	mg/kg	
76-44-8	Heptachlor	ND	0.0013	0.00040	mg/kg	
1024-57-3	Heptachlor epoxide	ND	0.0013	0.00033	mg/kg	
72-43-5	Methoxychlor	ND	0.0013	0.00047	mg/kg	
53494-70-5	Endrin ketone	ND	0.0013	0.00043	mg/kg	
8001-35-2	Toxaphene	ND	0.017	0.0083	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		23-137%
877-09-8	Tetrachloro-m-xylene	79%		23-137%
2051-24-3	Decachlorobiphenyl	75%		22-160%
2051-24-3	Decachlorobiphenyl	76%		22-160%

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

Report of Analysis

Client Sample ID:	SB-1 (9-9.5)		
Lab Sample ID:	JA82254-11	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8082A SW846 3545A	**Percent Solids:**	89.1
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA77339.D	1	08/04/11	TDR	08/03/11	OP51076	GOA2614
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.033	0.0086	mg/kg	
11104-28-2	Aroclor 1221	ND	0.033	0.020	mg/kg	
11141-16-5	Aroclor 1232	ND	0.033	0.017	mg/kg	
53469-21-9	Aroclor 1242	ND	0.033	0.010	mg/kg	
12672-29-6	Aroclor 1248	ND	0.033	0.010	mg/kg	
11097-69-1	Aroclor 1254	ND	0.033	0.015	mg/kg	
11096-82-5	Aroclor 1260	ND	0.033	0.011	mg/kg	
11100-14-4	Aroclor 1268	ND	0.033	0.0097	mg/kg	
37324-23-5	Aroclor 1262	ND	0.033	0.010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		22-141%
877-09-8	Tetrachloro-m-xylene	83%		22-141%
2051-24-3	Decachlorobiphenyl	74%		18-163%
2051-24-3	Decachlorobiphenyl	86%		18-163%

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

Report of Analysis

Client Sample ID: SB-1 (9-9.5)
Lab Sample ID: JA82254-11
Matrix: SO - Soil
Date Sampled: 07/29/11
Date Received: 07/29/11
Percent Solids: 89.1
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8700	57	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.3	2.3	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Arsenic	3.2	2.3	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Barium	30.9	23	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.34	0.23	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Cadmium	< 0.57	0.57	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Calcium	32900	570	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Chromium	15.7	1.1	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Cobalt	< 5.7	5.7	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Copper	12.8	2.8	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Iron	11600	57	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Lead	9.6	2.3	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Magnesium	21200	570	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Manganese	206	1.7	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Mercury	0.052	0.036	mg/kg	1	08/04/11	08/04/11	MP	SW846 7471B [1]	SW846 7471B [4]
Nickel	12.3	4.5	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Potassium	< 1100	1100	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.3	2.3	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Silver	< 0.57	0.57	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1100	1100	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.1	1.1	mg/kg	1	08/06/11	08/11/11	ND	SW846 6010C [3]	SW846 3050B [5]
Vanadium	22.7	5.7	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]
Zinc	19.5	2.3	mg/kg	1	08/06/11	08/09/11	ND	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA26849
(2) Instrument QC Batch: MA26870
(3) Instrument QC Batch: MA26879
(4) Prep QC Batch: MP59522
(5) Prep QC Batch: MP59577

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-1 (15-15.5)		
Lab Sample ID:	JA82254-12	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	84.8
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118065.D	1	08/05/11	CL	n/a	n/a	VV5029
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.012	0.0078	mg/kg	
71-43-2	Benzene	ND	0.0012	0.00016	mg/kg	
108-86-1	Bromobenzene	ND	0.0059	0.00023	mg/kg	
74-97-5	Bromochloromethane	ND	0.0059	0.00061	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0059	0.00026	mg/kg	
75-25-2	Bromoform	ND	0.0059	0.00089	mg/kg	
74-83-9	Bromomethane	ND	0.0059	0.00046	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.012	0.0051	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0059	0.00028	mg/kg	
135-98-8	sec-Butylbenzene	0.00033	0.0059	0.00019	mg/kg	J
98-06-6	tert-Butylbenzene	ND	0.0059	0.00016	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0059	0.00041	mg/kg	
108-90-7	Chlorobenzene	ND	0.0059	0.00038	mg/kg	
75-00-3	Chloroethane	ND	0.0059	0.00048	mg/kg	
67-66-3	Chloroform	ND	0.0059	0.00057	mg/kg	
74-87-3	Chloromethane	ND	0.0059	0.00074	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0059	0.00044	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0059	0.00025	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.012	0.0018	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0059	0.00020	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0012	0.00028	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0059	0.00033	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0059	0.00023	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0059	0.00020	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0059	0.00038	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0059	0.00026	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0012	0.00021	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0059	0.00072	mg/kg	
156-59-2	cis-1,2-Dichloroethene	0.0020	0.0059	0.00038	mg/kg	J
156-60-5	trans-1,2-Dichloroethene	ND	0.0059	0.00050	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0059	0.00031	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0059	0.00044	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-1 (15-15.5)		
Lab Sample ID:	JA82254-12	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	84.8
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0059	0.00020	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0059	0.00025	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0059	0.00018	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0059	0.00040	mg/kg	
100-41-4	Ethylbenzene	ND	0.0012	0.00017	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0059	0.00061	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0059	0.00016	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0059	0.00035	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0012	0.00021	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0059	0.0031	mg/kg	
74-95-3	Methylene bromide	ND	0.0059	0.00067	mg/kg	
75-09-2	Methylene chloride	ND	0.0059	0.00027	mg/kg	
91-20-3	Naphthalene	ND	0.0059	0.0013	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0059	0.00041	mg/kg	
100-42-5	Styrene	ND	0.0059	0.00022	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0059	0.00022	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0059	0.00021	mg/kg	
127-18-4	Tetrachloroethene	0.0974	0.0059	0.00023	mg/kg	
108-88-3	Toluene	ND	0.0012	0.00045	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0059	0.00052	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0059	0.00040	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0059	0.00028	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0059	0.00051	mg/kg	
79-01-6	Trichloroethene	0.0069	0.0059	0.00029	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0059	0.00057	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0059	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0059	0.0013	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.00048	0.0059	0.00015	mg/kg	J
75-01-4	Vinyl chloride	ND	0.0059	0.00054	mg/kg	
	m,p-Xylene	0.00044	0.0012	0.00037	mg/kg	J
95-47-6	o-Xylene	0.00040	0.0012	0.00022	mg/kg	J
1330-20-7	Xylene (total)	0.00083	0.0012	0.00022	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		67-131%
17060-07-0	1,2-Dichloroethane-D4	88%		66-130%
2037-26-5	Toluene-D8	106%		76-125%
460-00-4	4-Bromofluorobenzene	97%		53-142%

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

Report of Analysis

Client Sample ID:	SB-1 (15-15.5)		
Lab Sample ID:	JA82254-12	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	84.8
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E35605.D	1	08/09/11	OYA	08/04/11	OP51106	E3E1576
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.35	0.070	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.35	0.069	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.35	0.11	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.35	0.12	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.4	0.085	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1.4	0.085	mg/kg	
88-75-5	2-Nitrophenol	ND	0.35	0.074	mg/kg	
100-02-7	4-Nitrophenol	ND	0.69	0.12	mg/kg	
87-86-5	Pentachlorophenol	ND	0.69	0.12	mg/kg	
108-95-2	Phenol	ND	0.14	0.073	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.35	0.065	mg/kg	
83-32-9	Acenaphthene	0.244	0.069	0.020	mg/kg	
208-96-8	Acenaphthylene	ND	0.069	0.022	mg/kg	
120-12-7	Anthracene	0.723	0.069	0.024	mg/kg	
92-87-5	Benzidine	ND	1.4	0.26	mg/kg	
56-55-3	Benzo(a)anthracene	1.53	0.069	0.023	mg/kg	
50-32-8	Benzo(a)pyrene	1.36	0.069	0.021	mg/kg	
205-99-2	Benzo(b)fluoranthene	1.36	0.069	0.023	mg/kg	
191-24-2	Benzo(g,h,i)perylene	0.784	0.069	0.026	mg/kg	
207-08-9	Benzo(k)fluoranthene	0.917	0.069	0.026	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.14	0.025	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.14	0.040	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.14	0.022	mg/kg	
106-47-8	4-Chloroaniline	ND	0.35	0.022	mg/kg	
218-01-9	Chrysene	1.52	0.069	0.023	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.14	0.028	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.14	0.021	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.14	0.021	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.14	0.021	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.14	0.020	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.14	0.028	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.14	0.019	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-1 (15-15.5)		
Lab Sample ID:	JA82254-12	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	84.8
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.14	0.015	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.14	0.030	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.14	0.026	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.35	0.018	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	0.238	0.069	0.024	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.14	0.015	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.14	0.034	mg/kg	
84-66-2	Diethyl phthalate	ND	0.14	0.024	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.14	0.024	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	0.300	0.14	0.061	mg/kg	
206-44-0	Fluoranthene	3.78	0.069	0.031	mg/kg	
86-73-7	Fluorene	0.214	0.069	0.023	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.14	0.023	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.069	0.019	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.4	0.071	mg/kg	
67-72-1	Hexachloroethane	ND	0.35	0.019	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	0.717	0.069	0.024	mg/kg	
78-59-1	Isophorone	ND	0.14	0.019	mg/kg	
91-20-3	Naphthalene	0.0855	0.069	0.019	mg/kg	
98-95-3	Nitrobenzene	ND	0.14	0.020	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.14	0.061	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.14	0.017	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.35	0.041	mg/kg	
85-01-8	Phenanthrene	2.63	0.069	0.032	mg/kg	
129-00-0	Pyrene	3.31	0.069	0.027	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.14	0.018	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		21-116%
4165-62-2	Phenol-d5	64%		19-117%
118-79-6	2,4,6-Tribromophenol	54%		24-136%
4165-60-0	Nitrobenzene-d5	61%		21-122%
321-60-8	2-Fluorobiphenyl	53%		30-117%
1718-51-0	Terphenyl-d14	55%		31-129%

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

Report of Analysis

Client Sample ID:	SB-1 (35-35.5)		
Lab Sample ID:	JA82254-13	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	94.8
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V118064.D	1	08/05/11	CL	n/a	n/a	VV5029
Run #2							

	Initial Weight
Run #1	5.1 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.010	0.0068	mg/kg	
71-43-2	Benzene	ND	0.0010	0.00014	mg/kg	
108-86-1	Bromobenzene	ND	0.0052	0.00020	mg/kg	
74-97-5	Bromochloromethane	ND	0.0052	0.00054	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0052	0.00023	mg/kg	
75-25-2	Bromoform	ND	0.0052	0.00078	mg/kg	
74-83-9	Bromomethane	ND	0.0052	0.00041	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.010	0.0045	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0052	0.00024	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0052	0.00016	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0052	0.00014	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0052	0.00036	mg/kg	
108-90-7	Chlorobenzene	ND	0.0052	0.00033	mg/kg	
75-00-3	Chloroethane	ND	0.0052	0.00042	mg/kg	
67-66-3	Chloroform	ND	0.0052	0.00050	mg/kg	
74-87-3	Chloromethane	ND	0.0052	0.00065	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0052	0.00039	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0052	0.00022	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.010	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0052	0.00017	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	0.00025	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0052	0.00029	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0052	0.00020	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0052	0.00018	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0052	0.00033	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0052	0.00023	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00019	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0052	0.00063	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0052	0.00033	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.0052	0.00044	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0052	0.00028	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0052	0.00039	mg/kg	

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

Report of Analysis

Client Sample ID:	SB-1 (35-35.5)		
Lab Sample ID:	JA82254-13	**Date Sampled:**	07/29/11
Matrix:	SO - Soil	**Date Received:**	07/29/11
Method:	SW846 8260B	**Percent Solids:**	94.8
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0052	0.00018	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0052	0.00022	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0052	0.00016	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0052	0.00035	mg/kg	
100-41-4	Ethylbenzene	0.00030	0.0010	0.00015	mg/kg	J
87-68-3	Hexachlorobutadiene	ND	0.0052	0.00054	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0052	0.00014	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0052	0.00031	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00019	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0052	0.0027	mg/kg	
74-95-3	Methylene bromide	ND	0.0052	0.00059	mg/kg	
75-09-2	Methylene chloride	ND	0.0052	0.00024	mg/kg	
91-20-3	Naphthalene	ND	0.0052	0.0011	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0052	0.00036	mg/kg	
100-42-5	Styrene	ND	0.0052	0.00019	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0052	0.00019	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0052	0.00019	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0052	0.00020	mg/kg	
108-88-3	Toluene	ND	0.0010	0.00039	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0052	0.00045	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0052	0.00035	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0052	0.00025	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0052	0.00045	mg/kg	
79-01-6	Trichloroethene	ND	0.0052	0.00026	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0052	0.00050	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0052	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0052	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0052	0.00013	mg/kg	
75-01-4	Vinyl chloride	ND	0.0052	0.00048	mg/kg	
	m,p-Xylene	0.0011	0.0010	0.00032	mg/kg	
95-47-6	o-Xylene	ND	0.0010	0.00019	mg/kg	
1330-20-7	Xylene (total)	0.0011	0.0010	0.00019	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		67-131%
17060-07-0	1,2-Dichloroethane-D4	89%		66-130%
2037-26-5	Toluene-D8	105%		76-125%
460-00-4	4-Bromofluorobenzene	96%		53-142%

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

Report of Analysis

Client Sample ID: SB-1 (35-35.5)
Lab Sample ID: JA82254-13 **Date Sampled:** 07/29/11
Matrix: SO - Soil **Date Received:** 07/29/11
Method: SW846 8270D SW846 3550C **Percent Solids:** 94.8
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E35606.D	1	08/09/11	OYA	08/04/11	OP51106	E3E1576
Run #2	3E35623.D	2	08/10/11	OYA	08/04/11	OP51106	E3E1577

	Initial Weight	Final Volume
Run #1	35.5 g	1.0 ml
Run #2	35.5 g	1.0 ml

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	0.15	0.030	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.15	0.030	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.15	0.048	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.15	0.050	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	0.59	0.036	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.59	0.036	mg/kg	
88-75-5	2-Nitrophenol	ND	0.15	0.031	mg/kg	
100-02-7	4-Nitrophenol	ND	0.30	0.050	mg/kg	
87-86-5	Pentachlorophenol	ND	0.30	0.051	mg/kg	
108-95-2	Phenol	ND	0.059	0.031	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.15	0.028	mg/kg	
83-32-9	Acenaphthene	ND	0.030	0.0086	mg/kg	
208-96-8	Acenaphthylene	ND	0.030	0.0095	mg/kg	
120-12-7	Anthracene	ND	0.030	0.010	mg/kg	
92-87-5	Benzidine	ND	0.59	0.11	mg/kg	
56-55-3	Benzo(a)anthracene	0.0191	0.030	0.0097	mg/kg	J
50-32-8	Benzo(a)pyrene	0.0138	0.030	0.0091	mg/kg	J
205-99-2	Benzo(b)fluoranthene	ND	0.030	0.0099	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.030	0.011	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.030	0.011	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.059	0.011	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.059	0.017	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.059	0.0092	mg/kg	
106-47-8	4-Chloroaniline	ND	0.15	0.0095	mg/kg	
218-01-9	Chrysene	0.0148	0.030	0.010	mg/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	0.059	0.012	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.059	0.0089	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.059	0.0088	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.059	0.0089	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.059	0.0086	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.059	0.012	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.059	0.0080	mg/kg	

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

Report of Analysis

Client Sample ID: SB-1 (35-35.5)
Lab Sample ID: JA82254-13 **Date Sampled:** 07/29/11
Matrix: SO - Soil **Date Received:** 07/29/11
Method: SW846 8270D SW846 3550C **Percent Solids:** 94.8
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

ABN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	0.059	0.0066	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.059	0.013	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.059	0.011	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.15	0.0075	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.030	0.010	mg/kg	
84-74-2	Di-n-butyl phthalate	0.0427	0.059	0.0066	mg/kg	J
117-84-0	Di-n-octyl phthalate	ND	0.059	0.014	mg/kg	
84-66-2	Diethyl phthalate	ND	0.059	0.010	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.059	0.010	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	3.30 [a]	0.12	0.052	mg/kg	
206-44-0	Fluoranthene	0.0366	0.030	0.013	mg/kg	
86-73-7	Fluorene	ND	0.030	0.0097	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.059	0.0097	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.030	0.0083	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.59	0.030	mg/kg	
67-72-1	Hexachloroethane	ND	0.15	0.0083	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.030	0.010	mg/kg	
78-59-1	Isophorone	ND	0.059	0.0080	mg/kg	
91-20-3	Naphthalene	ND	0.030	0.0081	mg/kg	
98-95-3	Nitrobenzene	ND	0.059	0.0086	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.059	0.026	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.059	0.0073	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.15	0.018	mg/kg	
85-01-8	Phenanthrene	0.0341	0.030	0.014	mg/kg	
129-00-0	Pyrene	0.0328	0.030	0.011	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.059	0.0079	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%	57%	21-116%
4165-62-2	Phenol-d5	60%	59%	19-117%
118-79-6	2,4,6-Tribromophenol	42%	30%	24-136%
4165-60-0	Nitrobenzene-d5	57%	59%	21-122%
321-60-8	2-Fluorobiphenyl	49%	51%	30-117%
1718-51-0	Terphenyl-d14	53%	49%	31-129%

(a) Result is from Run# 2

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

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
Tel: 732-329-0200 FAX: 732-329-3499/3480
www. acutest.com

PAGE ___ OF ___

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job # JA82254

Client / Reporting Information
Company Name: AMEC
Street Address: 1787 Sentry Pkwy Ste 120
City: Blue Bell State: PA Zip: 19422
Project Contact: Jesse Garvey E-mail
Phone #: 215 6194292 Fax #
Sampler(s) Name(s): Jesse Garvey Phone #

Project Information
Project Name: NY Express
Street: 188th St
City: Fresh Meadows State: NY
Project #: 3485050051
Client Purchase Order #
Project Manager

Billing Information (if different from Report to)
Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet): VOC (8260), SVOC (8270); PCB (8082), Metals (6010/7000); TCL Pesticides (8081A); Herbicides (8151A)

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

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC, SVOC	PCB, Metals	TCL Pesticides	Herbicides	LAB USE ONLY
1	SB-4 (8-9)		7/27/11	1400	JG	SO	3					3				✓	✓	✓	✓	EX39
2	SB-4 (23-23.5)		↓	1525												✓				19D5
3	SB-4 (35.5-36)		↓	1605												✓				9045
4	SB-3 (7.5-8)		7/28/11	0840												✓	✓	✓	✓	
5	SB-3 (15-15.5)			0855												✓				
6	SB-3 (35-35.5)			1030												✓				
7	SB-2 (7.5-8)			1200												✓	✓	✓	✓	
8	SB-2 (11-11.5)			1210												✓				
9	SB-2 (35-35.5)			1425												✓				
10	Dup-1		↓	1200												✓				
11	SB-1 (9-9.5)		7/29	0830	↓	↓	↓					↓				✓	✓	✓	✓	
12	SB-1 (15-15.5)		↓	0850												✓				

Turnaround Time (Business days)
- [x] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format ______
- [ ] Other ______

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions
+ SB-1 (35-35.5) 7/29/11 1030 VOC SVOC analysis -13

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	7/29/11 1450	1	2		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐

On Ice | Cooler Temp. 1.0°C

JA82254: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA82254 **Client:** AMEC-PA

Date / Time Received: 7/29/2011 1450 **Project:** NY EXPRESS

No. Coolers: **Airbill #'s:** **Delivery Method:** Client

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

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:			

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

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

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

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

Comments -1 LABEL DEPTH "(8.5-9)" NOT "(8-9)", ID AND DATE OK

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, NJ 08810
www/accutest.com

JA82254: Chain of Custody
Page 2 of 3

Problem Resolution

Accutest Job Number: JA82254

CSR: Kristin B **Response Date** 8/3/2011

Response: -1 Correct depth is (8.5-9) as on label, per Jesse Garvey.

JA82254: Chain of Custody
Page 3 of 3

New Jersey ACCUTEST LABORATORIES

09/06/11

Technical Report for

Mactec

New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY

3485050051 PO#201108686

Accutest Job Number: JA83415

Sampling Date: 08/10/11

Report to:

Mactec

jpmihalich@mactec.com

ATTN: John Mihalich

Total number of pages in report: **24**

ACCREDITED IN ACCORDANCE WITH nelac

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

David N. Speis
VP, Laboratory Director

Client Service contact: Marie Meidhof 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Sections: 1 2 3 4

Table of Contents

Sample Summary

Mactec

Job No: JA83415

New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY
Project No: 3485050051 PO#201108686

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83415-1	08/10/11	12:41	JG	08/11/11	AQ	Ground Water	MW-1
JA83415-2	08/10/11	11:42	JG	08/11/11	AQ	Ground Water	MW-2
JA83415-3	08/10/11	10:41	JG	08/11/11	AQ	Ground Water	MW-3
JA83415-4	08/10/11	09:51	JG	08/11/11	AQ	Ground Water	MW-4
JA83415-5	08/10/11	08:52	JG	08/11/11	AQ	Ground Water	MW-6
JA83415-6	08/10/11	12:00	JG	08/11/11	AQ	Ground Water	DUP-1
JA83415-7	08/10/11	12:41	JG	08/11/11	AQ	Trip Blank Water	TRIP BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Mactec	**Job No**	JA83415
Site:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Mead	**Report Date**	9/3/2011 4:25:08 PM

On 08/11/2011, 6 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 4 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA83415 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V3B3437

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83415-2MS, JA83415-2MSD were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JA83415-1	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B73883.D	1	08/19/11	TLR	n/a	n/a	V3B3437
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	

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

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JA83415-1	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.4	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	2.9	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	106%		70-127%
2037-26-5	Toluene-D8	112%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

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

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA83415-2	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B73873.D	1	08/19/11	TLR	n/a	n/a	V3B3437
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.33	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.47	1.0	0.22	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	

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

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA83415-2	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.39	1.0	0.18	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	4.8	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	0.40	1.0	0.21	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		77-120%
17060-07-0	1,2-Dichloroethane-D4	109%		70-127%
2037-26-5	Toluene-D8	113%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

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

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JA83415-3	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B73874.D	1	08/19/11	TLR	n/a	n/a	V3B3437
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.26	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	

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

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JA83415-3	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.3	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	1.6	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		77-120%
17060-07-0	1,2-Dichloroethane-D4	108%		70-127%
2037-26-5	Toluene-D8	113%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

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

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JA83415-4	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B73886.D	1	08/19/11	TLR	n/a	n/a	V3B3437
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	

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

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JA83415-4	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	2.4	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	110%		70-127%
2037-26-5	Toluene-D8	112%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

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

Report of Analysis

Client Sample ID:	MW-6		
Lab Sample ID:	JA83415-5	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B73887.D	1	08/19/11	TLR	n/a	n/a	V3B3437
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	

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

Report of Analysis

Client Sample ID:	MW-6		
Lab Sample ID:	JA83415-5	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.42	1.0	0.18	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	1.2	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	108%		70-127%
2037-26-5	Toluene-D8	111%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

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

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA83415-6	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B73888.D	1	08/19/11	TLR	n/a	n/a	V3B3437
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.37	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.61	1.0	0.22	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	

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

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA83415-6	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.39	1.0	0.18	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	4.5	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	0.36	1.0	0.21	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	108%		70-127%
2037-26-5	Toluene-D8	114%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

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

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JA83415-7	**Date Sampled:**	08/10/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B73882.D	1	08/19/11	TLR	n/a	n/a	V3B3437
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	

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

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JA83415-7	**Date Sampled:**	08/10/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		77-120%
17060-07-0	1,2-Dichloroethane-D4	107%		70-127%
2037-26-5	Toluene-D8	111%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

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

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

Sample Log-In Summary

JA83415 COC

Lab Name: Accutest Page 1 of 1

Received by (Print Name): M. Cstena Log-in Date: 8/11/11
Received by (Signature): M Cstena

Case Number: N/A
SDG Number: N/A
SAS Number: N/A

REMARKS:		NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
1. Custody Seal(s)	Present/Absent* (Absent circled)	N/A		JA83415-1	OK
	Intact/Broken	N/A		-2	
2. Custody Seal Numbers:	—	N/A		-3	
		N/A		-4	
3. Chain-of-Custody Records	Present/Absent* (Present circled)	N/A		-5	
		N/A		-6	
		N/A		-7	↓ 78
4. Contract Lab Sample Inform. Sheet (CLSIS)	Present/Absent* (Absent circled)	N/A			
		N/A			
		N/A			
5. Airbill	Airbill/Sticker Present/Absent* (Absent circled)	N/A			
		N/A			
6. Airbill No.:	Accutest Courier bring	N/A			
		N/A			
7. Sample Tags Sample Tag Nos.	Present/Absent* (Absent circled) Listed/Not Listed on Chain-of-Custody (Not Listed circled)	N/A			
		N/A			
		N/A			
8. Sample Condition	Intact/Broken*/ Leaking (Intact circled)	N/A			
		N/A			
9. Does Information on custody rec., CLSIS, & sample tags agree	coc + label info. agree. Yes/No* (Yes circled)	N/A			
		N/A			
		N/A			
		N/A			
10. Date received at Lab:	8/11/11	N/A			
		N/A			
11. Time Received:	1150	N/A			
12. Do aqueous VOC vials have headspace?	Yes/No* (No circled)				
13. Are preserved voc soil samples fully immersed in preservative?	Yes/No* N/A (N/A circled)	N/A			

Sample Transfer

Fraction:
Area #:
By:
On:

See Internal Chain of Custody

* Contract BTSR and attach record of resolution
Reviewed By:
Date:

Logbook No.: N/A
Logbook Page No.: N/A

Form: SM10-02
Rev. Date: 8/21/03

JA83415: Chain of Custody
Page 1 of 4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA83415 **Client:**

Date / Time Received: 8/11/2011 **Project:**

No. Coolers: 1 **Airbill #'s:** **Delivery Method:**

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

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		

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

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

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

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

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA83415: Chain of Custody
Page 2 of 4

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
Tel: 732-329-0200 FAX: 732-329-3499/3480
www.acutest.com

PAGE 1 OF 1

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: JA83415

Client / Reporting Information

Company Name: AMEC
Street Address: 1787 Sentry Pkwy Ste 120
City: Blue Bell State: PA Zip: 19422
Project Contact: Jesse Garvey E-mail:
Phone #: 2156190272 Fax #:
Sampler(s) Name(s): Jesse Garvey Phone #: 4843250309

Project Information

Project Name: MacArthur - NY Express
Street: 188th St
City: Fresh Meadows State: NY
Project #: 3485050051
Client Purchase Order #: 7011086860
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC (Method 8260)

Matrix Codes

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

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	LAB USE ONLY
1	MW-1		8/10/11	1214	JG	GW	3	3								2291
2	MW-2			1142												
3	MW-3			1041												
4	MW-4			951												
5	MW-6			852												
6	Dup-1			1200												
7	Trip Blank		8/9/11	0900		TB	2									

Turnaround Time (Business days)

- [X] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

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

1 Relinquished by Sampler:	Date Time: 8/11/11 1015	Received By: 1	2 Relinquished By:	Date Time: 8/11/11 1430	Received By: 2		
3 Relinquished by Sampler:	Date Time:	Received By: 3	4 Relinquished By:	Date Time:	Received By: 4		
5 Relinquished By:	Date Time:	Received By: 5	Custody Seal #	[ ] Intact [ ] Not intact	Preserved where applicable [ ]	On Ice: [X]	Cooler Temp: 4.0°C

Job Change Order: JA83415_8/16/2011

Requested Date:	8/16/2011	**Received Date:**	8/11/2011
Account Name:	Mactec	**Due Date:**	8/25/2011
Project Description:	New York Express Dry Cleaners, 69-60 188th	**Deliverable:**	NYASPB
CSR:	MM	**TAT (Days):**	14

Sample #: JA83415-1 to 7

Change: Please change the voc analysis to V8260STD (from V8260STAR).

Above Changes Per: Marie Meidhof **Date:** 8/16/2011

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

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4.1

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JA83415: Chain of Custody
Page 4 of 4

New Jersey ACCUTEST LABORATORIES

09/02/11

Technical Report for

Mactec

New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY, air

3485050051 PO# 201108685

Accutest Job Number: JA82243

Sampling Date: 07/28/11

Report to:

Mactec

jpmihalich@mactec.com

ATTN: John Mihalich

Total number of pages in report: **16**

ACCREDITED IN ACCORDANCE WITH nelac

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

David N. Speis
VP, Laboratory Director

Client Service contact: Marie Meidhof 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Test results relate only to samples analyzed.

Sections: 1 2 3 4

Table of Contents

Sample Summary

Mactec

Job No: JA82243

New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY, air
Project No: 3485050051 PO# 201108685

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA82243-1	07/28/11	17:54	JG	07/29/11	AIR	Soil Vapor Comp.	VMP-12
JA82243-2	07/28/11	17:54	JG	07/29/11	AIR	Soil Vapor Comp.	DUP-1
JA82243-3	07/28/11	17:15	JG	07/29/11	AIR	Soil Vapor Comp.	VMP-13

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Mactec	**Job No**	JA82243
Site:	New York Express Dry Cleaners, 69-60 188th Street, Flushing Mead	**Report Date**	8/19/2011 3:31:42 PM

On 07/29/2011, 3 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA82243 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR **Batch ID:** VW1350

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA82185-1DUP were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: VMP-12
Lab Sample ID: JA82243-1 **Date Sampled:** 07/28/11
Matrix: AIR - Soil Vapor Comp. Summa ID: A450 **Date Received:** 07/29/11
Method: TO-15 **Percent Solids:** n/a
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY, air

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W33075.D	1	08/04/11	YMH	n/a	n/a	VW1350
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	25.4	0.80	0.15	ppbv		60.3	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	2.6	0.80	0.18	ppbv		8.3	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	114	0.80	0.13	ppbv		355	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	0.53	0.80	0.15	ppbv	J	1.1	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.13	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.56	0.80	0.15	ppbv	J	2.8	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

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

Report of Analysis

Client Sample ID: VMP-12
Lab Sample ID: JA82243-1 **Date Sampled:** 07/28/11
Matrix: AIR - Soil Vapor Comp. Summa ID: A450 **Date Received:** 07/29/11
Method: TO-15 **Percent Solids:** n/a
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY, air

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	2.0	0.38	ppbv		ND	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.12	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	31.1	0.80	0.24	ppbv		112	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.096	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	1.1	0.80	0.13	ppbv		4.5	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	2.6	0.80	0.18	ppbv		9.2	2.8	ug/m3
591-78-6	100	2-Hexanone	0.92	0.80	0.17	ppbv		3.8	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.23	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.11	ppbv		ND	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.5	0.80	0.19	ppbv		10	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	1.2	0.80	0.14	ppbv		4.9	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	35.4	2.0	0.28	ppbv		60.8	3.4	ug/m3
100-42-5	104.1	Styrene	21.5	0.80	0.11	ppbv		91.5	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.096	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.5	0.80	0.13	ppbv		4.5	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	7.7	0.16	0.11	ppbv		52	1.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.19	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	3.0	0.80	0.16	ppbv		11	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.13	ppbv		ND	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	1.6	0.80	0.17	ppbv		9.0	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	0.60	0.80	0.12	ppbv	J	2.6	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.12	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	0.60	0.80	0.12	ppbv	J	2.6	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		65-128%

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

Report of Analysis

Client Sample ID: DUP-1
Lab Sample ID: JA82243-2 **Date Sampled:** 07/28/11
Matrix: AIR - Soil Vapor Comp. Summa ID: A481 **Date Received:** 07/29/11
Method: TO-15 **Percent Solids:** n/a
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY, air

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W33076.D	1	08/04/11	YMH	n/a	n/a	VW1350
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	22.4	0.80	0.15	ppbv		53.2	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	2.6	0.80	0.18	ppbv		8.3	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	125	0.80	0.13	ppbv		389	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.15	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.13	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.55	0.80	0.15	ppbv	J	2.7	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

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

Report of Analysis

Client Sample ID: DUP-1
Lab Sample ID: JA82243-2 **Date Sampled:** 07/28/11
Matrix: AIR - Soil Vapor Comp. Summa ID: A481 **Date Received:** 07/29/11
Method: TO-15 **Percent Solids:** n/a
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY, air

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	2.0	0.38	ppbv		ND	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.12	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	31.0	0.80	0.24	ppbv		112	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.096	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	1.4	0.80	0.13	ppbv		5.7	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	2.8	0.80	0.18	ppbv		9.9	2.8	ug/m3
591-78-6	100	2-Hexanone	0.92	0.80	0.17	ppbv		3.8	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.23	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.11	ppbv		ND	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.2	0.80	0.19	ppbv		9.4	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.79	0.80	0.14	ppbv	J	3.2	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	37.6	2.0	0.28	ppbv		64.6	3.4	ug/m3
100-42-5	104.1	Styrene	23.3	0.80	0.11	ppbv		99.2	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.41	0.80	0.096	ppbv	J	2.0	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.4	0.80	0.13	ppbv		4.2	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	8.3	0.16	0.11	ppbv		56	1.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.19	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	3.6	0.80	0.16	ppbv		14	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.13	ppbv		ND	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	1.5	0.80	0.17	ppbv		8.4	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	0.92	0.80	0.12	ppbv		4.0	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.12	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	0.92	0.80	0.12	ppbv		4.0	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		65-128%

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

Report of Analysis

Client Sample ID: VMP-13
Lab Sample ID: JA82243-3 **Date Sampled:** 07/28/11
Matrix: AIR - Soil Vapor Comp. Summa ID: A894 **Date Received:** 07/29/11
Method: TO-15 **Percent Solids:** n/a
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY, air

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W33077.D	1	08/04/11	YMH	n/a	n/a	VW1350
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	39.5	0.80	0.15	ppbv		93.8	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	3.6	0.80	0.18	ppbv		12	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	52.2	0.80	0.13	ppbv		163	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.15	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	1.3	0.80	0.13	ppbv		4.5	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.49	0.80	0.15	ppbv	J	2.4	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

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

Report of Analysis

Client Sample ID: VMP-13
Lab Sample ID: JA82243-3 **Date Sampled:** 07/28/11
Matrix: AIR - Soil Vapor Comp. Summa ID: A894 **Date Received:** 07/29/11
Method: TO-15 **Percent Solids:** n/a
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY, air

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	2.0	0.38	ppbv		ND	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	2.0	0.80	0.12	ppbv		8.7	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.24	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.096	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	3.9	0.80	0.13	ppbv		16	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	8.3	0.80	0.18	ppbv		29	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.23	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.11	ppbv		ND	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.5	0.80	0.19	ppbv		4.4	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.14	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	74.0	2.0	0.28	ppbv		127	3.4	ug/m3
100-42-5	104.1	Styrene	38.3	0.80	0.11	ppbv		163	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.71	0.80	0.096	ppbv	J	3.5	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.85	0.80	0.11	ppbv		4.0	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.13	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	36.3	0.16	0.11	ppbv		246	1.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.19	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	24.9	0.80	0.16	ppbv		93.8	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.13	ppbv		ND	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.68	0.80	0.17	ppbv	J	3.8	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	6.9	0.80	0.12	ppbv		30	3.5	ug/m3
95-47-6	106.2	o-Xylene	2.2	0.80	0.12	ppbv		9.6	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	9.1	0.80	0.12	ppbv		40	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		65-128%

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

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

CHAIN OF CUSTODY
Air Sampling Field Data Sheet

ACCUTEST LABORATORIES

2235 US Highway 130, Dayton, NJ 08810
Tel: 732.329.0200 Fax: 732.329.3499

FED-EX Tracking #	Bottle Order Control #	PAGE 1 OF 1
Lab Quote #	Lab Job # JA82243+A	

Client / Reporting Information

Company Name: AMEC	Project Name: NM Express
Address: 4507 Sentry Pkwy West Ste 120	Street:
City: Blue Bell State: PA Zip: 19422	City: Fresh Meadows State: NM
Project Contact: Jesse Garvey E-mail: jmgarvey@mactec.com	Project #: 34850S0051
Phone #: 215 619 0242 Fax #:	Client Purchase Order #: 20108685
Sampler(s) Name(s): Jesse Garvey	

Weather Parameters

Temperature (Fahrenheit)
Start: Maximum:
Stop: Minimum:

Atmoshpheric Pressure (inches of Hg)
Start: Maximum:
Stop: Minimum:

Other weather comment:

Requested Analysis

TO-15

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.
-1	VMP-12	SV	A450	6L	421	7/28	1554	>30		JG	7/28	1754	7		JG
-2	Dup-1	SV	A481	6L	351	7/28	1554	29		JG	7/28	1754	7		JG
-3	VMP-13	SV	A894	6L	277	7/28	1615	730		JG	7/28	1715	7		JG

Turnaround Time (Business Days)

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

Approved By:_____

Date:_____

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1

Comm A	
Comm B	
Reduced T2	
Full T1	
Other:	

Comments / Remarks

Summa

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

	Relinquished by Laboratory:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1		7/22/11				
2	Relinquished by:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
3		7/29/11 1450			7/29/11	
4	Relinquished by:	Date Time:	Received by:	Custody Seal #		
5						

Unused Summa Return Form

Job# JA82243
(REQUIRED)

Client AMEC Office PA

Project NY Express

#Summas 1 #Flow Controllers 1

Summa#'s A1023 - 4 FC263

Rec'd By [signature] Rec'd Date/Time 7/29/11 1430

Rec'd via client
(Attach any client paperwork, documentation, or airbills if available)

Notes

4.1
4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA82243 **Client:**

Date / Time Received: 7/29/2011 **Project:**

No. Coolers: 0 **Airbill #'s:** **Delivery Method:**

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

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:			

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

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

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

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

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA82243: Chain of Custody
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Summa Canister and Flow Controller Log

Job Number: JA82243
Account: MAPAPM Mactec
Project: New York Express Dry Cleaners, 69-60 188th Street, Flushing Meadows, NY, air
Received: 07/29/11

SUMMA CANISTERS

Shipping							Receiving					
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A450	6	29.4	07/21/11	TVW	CP4899	2W31914.D	JA82243-1	08/01/11	FZ	6.5			1
A481	6	29.4	07/21/11	TVW	CP4897	W32664.D	JA82243-2	08/01/11	FZ	6.5			1
A894	6	29.4	07/21/11	TVW	CP4897	W32664.D	JA82243-3	08/01/11	FZ	5			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
FC263	07/21/11	TVW	82	1	08/01/11	FZ	79
FC277	07/21/11	TVW	82	1	08/01/11	FZ	78.5
FC351	07/21/11	TVW	41	2	08/01/11	FZ	39.4
FC421	07/21/11	TVW	41	2	08/01/11	FZ	40

Accutest Bottle Order(s):
MM-7/21/2011-13

Prep Date	Room Temp(F)	Bar Pres "Hg
07/21/11	75.2	29.62